



**THE UNIVERSITY OF VIRGINIA'S
COLLEGE AT WISE
CATALOG
2013 - 2014**

Accreditation and Memberships

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.

Other accreditations include:

Commission on Collegiate Nursing Education

Teacher Education Accreditation Council

Computing Accreditation Commission of ABET, <http://www.abet.org>

Engineering Accreditation Commission of ABET, <http://www.abet.org>

UVa-Wise is a member of the Council of Public Liberal Arts Colleges (COPLAC) and recognized as a College of Distinction.

Student Responsibility

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.

Equal Opportunity/Affirmative Action

The University of Virginia's College at Wise does not discriminate in any of its programs, procedures, or practices against any person on the basis of age, citizenship, color, handicap, national origin, political affiliation, race, religion, sex, sexual orientation, or status as a disabled veteran or veteran of the Vietnam era. The College operates equal opportunity and affirmative action programs for faculty, staff, and students. UVa-Wise is an Equal Opportunity/Affirmative Action Employer.

The Equal Opportunity/Affirmative Action Office (EO/AA Office) is responsible for the enforcement of the College's non-discrimination obligations. An applicant for admission or employment or any student or employee may file a discrimination complaint with Stephanie Perry, EO/AA Officer, Resource Center, One College Avenue, Wise, VA 24293, (276) 328-0240. Complaints are to be submitted in accordance with and are subject to the standards of the "University of Virginia Discrimination Complaint Procedures."

The Section 504 Coordinator is Whitney Wells, (276) 328-0177. The Title IX Coordinator is Stephanie Perry, EO/AA Officer, Resource Center, One College Avenue, Wise, VA 24293, (276) 328-0240.

Academic Calendar

Dates subject to change. Please visit http://www.uvawise.edu/registrar/acad_cal for the most recent calendar.

Fall Semester, 2013

Monday, August 19	Orientation/Registration/Payment of Fees
Tuesday, August 20	Registration/Payment of Fees /Fall Convocation
Wednesday, August 21	Registration continues/Classes Begin
Friday, August 23	Students who have not paid will be dropped.
Wednesday, August 28	Last day to add a course
Wednesday, September 11	Last day to drop first 7-week courses
Tuesday, October 1	Applications due for May & August 2014 graduation
Friday, October 4	Mid-semester grades due/ First 7-week courses end
Saturday, October 5	Semester Break begins /Residence Halls close
Sunday, October 13	Semester Break ends /Residence Halls open
Monday, October 14	Second 7-week courses begin
Friday, October 18	Last day to drop regular semester course / Last day to add second 7-week course
Wednesday, October 23	Last day to drop second 7-week course
Wednesday, November 27	Residence halls close for Thanksgiving Break
Monday, December 2	Classes resume
Friday, December 6	Last day of classes /December Graduates Recognition Day
Monday, December 9	Examinations begin
Friday, December 13	Examinations end
Monday, December 16	Grades posted by noon

Spring Semester, 2014

Monday, January 13	Registration / payment of fees
Tuesday, January 14	Registration/payment of fees/classes begin
Friday, January 17	Students who have not paid will be dropped
Tuesday, January 21	Last day to add a course
Friday, January 31	Last day to drop first 7-week courses
Friday, March 7	First 7-week courses end
Saturday, March 8	Semester Break begins
Sunday, March 16	Semester Break ends
Monday, March 17	Second 7-week courses begin
Friday, March 21	Last day to drop regular semester course / Last day to add second 7-week course
Wednesday, March 26	Last day to drop second 7-week course
Friday, May 2	Last day of classes
Monday, May 5	Examinations begin
Friday, May 9	Examinations end
Monday, May 12	Grades posted by noon
Saturday, May 17	Commencement

Summer College 2014 (Summer College dates are pending approval and may change.)

May 27 - June 30	Summer Session I
July 7 - August 8	Summer Session II

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Mission and Goals

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.

Desired Accomplishments and Goals

Teaching and learning at The University of Virginia's College at Wise are transformational experiences.

- Students gain the skills necessary to continue to educate themselves.
- Students are prepared to assume responsibility of citizenship.
- Students learn to appreciate and respect diverse cultures.
- Students discover the importance of being involved in the community.
- Students understand the value of education.
- Students acquire an international perspective.
- Students value honor and integrity.
- Students develop leadership skills.

The University of Virginia's College at Wise is nationally recognized for academic excellence in the liberal arts and specialized programs of study and is the college of choice for Southwest Virginia students.

- The College is a community of learners supported by all constituents, faculty, staff and students.
- The College attracts and retains a talented faculty.
- The College provides resources necessary for the continued professional growth and development of the faculty.
- The College recruits a talented, culturally and geographically diverse student body.
- The College's staff believe in its mission, support its programs, and genuinely care about its students.
- The College combines the natural beauty of Southwest Virginia with state-of-the-art campus facilities.
- The College offers nationally recognized science and technology programs, which have a strong foundation in the liberal arts.

The University of Virginia's College at Wise has built a strong sense of community and improved the quality of life for the region.

- The College is the cultural center for the region.
- The College is an engine for economic growth.
- The College continues to strengthen the quality of K-12 education in Southwest Virginia in partnership with local schools.
- The College is a leader in environmental stewardship.
- The College plays an integral role in improving access to and the quality of healthcare in the region.

About the College

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 the only branch 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 1956 to 1986, the college awarded 856 certificates. Since the college became a senior institution, over 8,500 baccalaureate degrees have been awarded.

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 senior 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.

The Campus

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 850 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), 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, 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 and Vice Chancellor for Development and College Relations.

CANTRELL HALL

Cantrell Hall is named for longtime Southwest Virginia legislator Orby Cantrell. The facility houses Campus Police, the Cantrell Banquet Hall, the Center for Student Development (Counseling Services, Career Services, Health Services, Student Leadership, and Multi-Cultural Affairs), and the Office of Student Life (Dean of Students, Housing and Residence Life, and Judicial Affairs).

THE CHAPEL OF ALL FAITHS

The Chapel of All Faiths is used for religious services and a variety of other special events, particularly the Cohen Concert and 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 residence hall. An historic renovation of Crockett Hall was completed in 2009 and now houses the offices of Admissions, Advising and Retention, Cashier, Financial Aid, and Registrar.

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, the seven Greek organizations, and other student organizations. It also is home to the Bookstore, Post Office, the CAVS Card ID office, an eatery, and the offices of Greek Life, Student Activities, Intramurals, Outdoor Recreation, and Conferences &

Events. Additionally, it includes Dogwood and Rhododendron Room conference facilities, an Art Gallery, the Jefferson Lounge, and recreational facilities with racquetball courts, fitness center, aerobics room, and 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 has 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.

John Cook Wyllie Library

The John Cook Wyllie Library, named in honor of a University of Virginia librarian, 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 for a total of 77 1/2 hours of operation.

The Campbell S. Edmonds wing, named in honor of a trustee of the Slemple Foundation, includes a periodical reading room, compact storage for bound periodicals as well as a classroom and lab used for instruction in the use of library resources. The Library's coffee and sandwich bar, "Books and Brew," is also located here.

Collections

The Library houses a collection of more than 119,500 book volumes, 26,700 volumes of bound periodicals, 66,000 units of microforms, and 3,700 audio-visual media items. The Library has access to over 83,000 online books, plus 510 print and 2,500 online subscriptions to magazines and newspapers of scholarly and general interest. The online catalog, available through the Library's homepage, <http://library.uvawise.edu>, provides easy access to the collections. The John Cook Wyllie 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. Wyllie 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/SOLINET 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. Five librarians and several trained assistants are available to assist students with reference questions. Reference service is enhanced with many full text databases, including EbscoHost, Factiva and OVID. The library also has both on-site and remote access to additional bibliographic and full-text databases through VIVA (the Virtual Library of Virginia) and the World Wide Web.

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

Classrooms and faculty offices are located in Darden Hall, the Science Center and Zehmer Hall on the upper level of the campus, and in Smiddy Hall and the Center for the Arts on the lower level. One classroom is located in Henson Hall, Culbertson Hall and Commonwealth Hall. Most of the College's classrooms include state-of-the-art audiovisual and computer equipment.

Darden Hall. On May 17, 2002, the former Commonwealth Hall was renamed Darden Hall to honor the Colgate W. Darden family, who were instrumental in the founding of the college and continue to be supporters. The 35,000 square foot facility houses computer and mathematics laboratories, classrooms, the Technical Assistance Center and faculty offices. The Departments of Education, Mathematics and Computer Science, and Nursing maintain offices in the building.

Gilliam Center for the Arts. The former Drama Building saw a renovation to the existing building and a 30,000 square foot addition. The Center houses a black box theatre, 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. With the recent renovation 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 houses the offices for the Departments of Business and Economics and Social Sciences. The Offices of the Provost and Vice Chancellor for Academic Affairs, Academic Dean, and Institutional Research are also located in Smiddy Hall. A recent addition to 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, Student Support Services, and Media Services. Several specialized facilities located in Zehmer Hall include the Clinical Nursing Resource Center and the Oral Communications Lab, which offers students instruction in and assistance with public speaking. Student Support Services has offices and tutoring facilities in Zehmer Hall and offers a number of academic support services.

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 when they need help with writing, and the Center will also accept referrals from faculty members. Tutors are students who are experienced in tutoring for composition classes. The Writing Center contains six to eight computers for use by students during tutoring sessions. Primary applications are word processing and desktop publishing.

Computer Facilities

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. Every student has a wired computer network port in their residence hall room 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 the Wise WIFI). 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 at www.uvawise.edu/oit/policies/StudentHandbook.html. 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 (Smiddy Hall) - Supports business coursework with a network of 30 PC computers. Primary applications include word processing, spreadsheets and database.

Language/Nursing Lab (Zehmer Hall) - Supports language and literature coursework with a network of 10 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.

Multimedia Lab (Darden Hall) - Supports student development of graphic, audio, video, and web projects for all majors. The lab houses 25 Windows-based computers. The lab is equipped with scanners, high-end graphics machines, audio and video machines, and photo quality printing.

Science Lab (Sandridge Science Center) - Supports science coursework with a network of 10 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.

RESIDENCE LIFE

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 also 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. Ethernet and/or high speed internet is also provided in each facility. All residential facilities are tobacco-free.

DINING SERVICES

Chartwells, the College's contracted dining services provider, offers convenient dining options in three 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 which provides a variety of all-you-can-eat menu options in a cafeteria-style setting. Papa Joe's, downstairs in the Dining Commons, offers an additional on-campus dining location with various coffees, gourmet sandwiches, pizzas, and salads. Yet another campus eatery on the fourth floor of the Slemple Student Center offers a wide array of fast food options in Coyote Jack's and Mondo's Subs. Coyote Jack's offers burgers, chicken and fries while Mondo's offers a variety of hot or cold subs, wraps & salads. The Books & Brew Café in the Wyllie Library provides coffee, muffins, and hot grilled panini sandwiches, salads & other snacks.

The College currently offers three meal plans: the Freedom 12, Traditional 19, and the Freedom 15. All residential students are required to purchase a meal plan based upon the residence hall in which they reside. Students residing in halls with kitchen facilities are required to purchase the Freedom 12, but

can purchase either the Traditional 19 or Freedom 15 meal plan for more meals and flexibility. All other residential students must purchase the Traditional 19 plan, with the option of purchasing the Freedom 15 for increased flexibility. Three meals per weekday and two on weekends are provided in the Smith Dining Commons. Meal plan exchanges are available at select times at the Slemp Student Center eatery, Papa Joe's Café, and at concession stands during events. Each time a meal is used, it is subtracted from the weekly balance. Weekly meal balances do not carry over from week to week and are reset each Thursday night.

Commuting students, faculty and staff may purchase meal blocks of 25, 50 and 80 for use throughout each semester. 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 www.dineoncampus.com/uvawise for more information on meal plans and other services and programming offered through Chartwells.

HOUSING & RESIDENCE LIFE

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 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.

For more information regarding on-campus housing options, agreement terms and conditions, or for an application, visit www.uvawise.edu/reslife.

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 occupants and/or Residence Life staff are encouraged to recommend changes in the Terms and Conditions. Recommended changes must not be contrary to established College policy and must be approved by the proper authority. For more information, visit www.uvawise.edu.

STUDENT GOVERNANCE

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 and list of officers can be found in the Student Handbook located on College's web site at www.uvawise.edu. The Honor Court office and conference room are located in the Student Leadership Center on the third floor of the Slemp Student Center.

JUDICIAL SYSTEM

The Judicial System of The University of Virginia's College at Wise is designed to support the purpose and mission of the College. A fundamental premise of the system is that students are expected to act

responsibly so that each student has the opportunity to grow intellectually, spiritually, physically and socially. The System also is designed to encourage accountability by stressing the relationship inherent between individual action and consequences. The System is intended to be educational in nature rather than punitive. Due process is a fundamental ingredient of the System, yet this principle should not be confused with the legal restrictions associated with criminal courts of law. The principles of fairness and reasonableness serve as foundations for the System. The full text of the Judicial System can be found in the online Student Handbook at www.uvawise.edu.

STUDENT CODE OF CONDUCT

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. However, the exercise and preservation of these freedoms and rights require a respect for the rights of all in the academic community to enjoy them to the same extent. It is clear that in a community of learning, willful disruption of the educational process, destruction of property, and interference with the orderly process of the College or with the rights of other members of the College cannot be condoned. Students enrolling in the College assume an obligation to conduct themselves in a manner compatible with the College's function as an educational institution. To fulfill its functions of imparting and gaining knowledge, the College retains the authority to maintain order within the College and to exclude those who are disruptive of the educational process.

Students of the College are expected to conduct themselves in a manner befitting a civilized society, both within the College and elsewhere. For student conduct which 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 impose such penalty as deemed appropriate, including expulsion from the College. The Chancellor has delegated this authority to the Dean of Students and the Campus Judicial Board. The College reserves the right to suspend, enforce the withdrawal of, or expel a student who violates the Code of Conduct. The full text of the Student Code of Conduct can be found in the online Student Handbook located at www.uvawise.edu/studentlife.

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 (three senators from each class, an international senator and three at-large senators). All students enrolled for six or more semester hours at UVa-Wise are voting members of the Student Government Association (SGA).

The SGA constitution, policy book and list of officers can be found in the online Student Handbook and on the SGA webpage at www.uvawise.edu/sga. The Student Government Association office and the SGA President's office are located in the Student Leadership Center on the third floor of the Slemp Student Center.

STUDENT LIFE

ATHLETICS

UVa-Wise offers every student an opportunity to engage in sports as both a participant and a spectator. UVa-Wise, a member of the National Association of Intercollegiate Athletics (NAIA) Division I, and competes in the Mid South Conference in all of the following sports:

Women's sports: basketball, volleyball, tennis, cross country, and softball.

Men's sports: basketball, baseball, football, tennis, cross country, and golf.

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

BOOKSTORE

Owned and operated by the College, the UVa-Wise Bookstore is the official retail outlet for all student needs, and offers the following: new and used 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 diploma frames, class rings and announcements available from Balfour; 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.uvawise.edu/bookstore for more details.

CAMPUS MAIL SERVICES

Campus Mail Services, located in the Slempp 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 follows:

Student's Name
UVa-Wise
1 College Avenue # ____
Wise, VA 24293-4412

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 SERVICES

Career Services offers programs, services and information to students and alumni to assist in developing and implementing career goals. Individual career counseling is available to help students 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 resumé and cover letter writing, networking, job search skills, and preparing for life after graduation.

Placement services are also available through job listings which are posted for part-time and full-time openings, summer employment, and internships through *UVa-Wise Link*, our online career services management system, as well as on Facebook, Twitter, and our Cantrell Hall bulletin boards. Annual fairs bring prospective employers and graduate schools on campus each spring.

CAVS CARD ID

The CavsCard ID is the official identification card for UVa-Wise students, faculty and staff. Cards are issued in Mail Services on the fourth floor of the Slempp Student Center. There is a \$5 fee for a CavsCard, as well as for any replacement cards. CavsCards are non-transferable.

The CavsCard serves as a library card, athletic pass, meal card, campus vending card, and Slempp 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 Slempp Student Center, online through Manage MyID, or at the Cashier's Office (fees apply to deposits made online or at the Cashier's Office) and use their CavsCard for debit-type purchases in the Bookstore, Post Office, campus dining facilities, and from campus vending and laundry machines. The CavsCard is also used for the student charge system in the Bookstore.

COLLEGIATE MINISTRIES

Although non-denominational, UVa-Wise offers students many opportunities for spiritual growth and development. 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 to just 'hang out.' Additional student organizations, including Tupos and Mount Olive Collegiate Ministries, offer diverse opportunities for involvement.

COUNSELING SERVICES

All students have concerns from time to time. When dealing with difficult issues, it can be beneficial to talk with a professional to gain a more objective perspective. Free confidential counseling services are available to all students each weekday from 8 a.m.-5 p.m. whether they are full- or part-time, commuters or campus residents. Individual counseling sessions are available on a wide variety of topics, including, but not limited to eating disorders; homesickness; grief; alcohol use and abuse; relationship issues; sexual boundaries; sexual abuse; test anxiety; depression; time and/or stress management; and family issues. Group sessions are available on a variety of topics and are created based on student need and participation.

A variety of services are also provided to the campus community. These services include small and large group educational and awareness programs (including topics such as ways to succeed at UVa-Wise, positive self-talk, relationships, sexually transmitted infections, alcohol, depression, nutrition, stress, anxiety, etc.); crisis intervention; employee consultations; and referrals for medication evaluations and/or intensive, long-term treatment. (Any fees incurred for off-campus treatment are the responsibility of the student and/or the student's insurance company.)

GREEK LIFE

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 nine national fraternities and sororities which belong to governing councils. All sororities are members of the Panhellenic Council (PHC) and fraternities are members of the Interfraternity Council (IFC). IFC members include: Alpha Sigma Phi, Kappa Sigma, Pi Kappa Phi, and Pi Lambda Phi. PHC members include: Alpha Sigma Tau, Delta Sigma Theta, Phi Sigma Sigma, Sigma Alpha Omega, and Theta Phi Alpha.

HEALTH SERVICES

Student fees provide for the services of a registered nurse from Norton Community Hospital, our contracted health provider, each weekday from 8 a.m. until 5 p.m. Assessment by the nurse, basic first aid and wound care, educational materials, and over-the-counter medications are available in Health Services at no charge to all students, faculty and staff. Additionally, a Family Nurse Practitioner is available on campus to students each Monday.

Additional services are available through Community Physicians Services Corporation. All charges incurred off campus are the responsibility of the student and/or the student's insurance company.

All incoming students are required to have a Pre-Entrance Health Form on file in the Center for Student Development office prior to registration, including immunization records. All students are also required to provide proof of insurance prior to registration. The Center has information 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.

Within the Center for Student Development, the Wise County Health Department also provides family planning and consultation services to students in their clinic each Tuesday. Fees are income-based for these services. For an appointment, call Health Services at (276) 376-1005.

INTRAMURALS

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 4,000 annual participants.

UVa-Wise offers one of the best small college intramural programs in the Southeast with facilities which 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, inner-tube water polo, billiards, wallyball, sand volleyball, frisbee golf, fantasy and trivia sports, gaming system tournaments, Uno, table tennis, air hockey, racquetball, Texas Hold 'em, weightlifting, corn hole, ladderball, golf tournaments, shuffleboard, disc golf, tennis, horseshoes, among other events. We also participate in NIRSA and ACIS-sponsored regional and national tournaments for basketball, flag football and softball.

MULTI-CULTURAL ALLIANCE

Students from a variety of cultures add welcomed diversity to the campus of UVa-Wise. Students have opportunities for leadership development, academic and personal growth, added awareness of their own cultural histories, and the experience of enriching the knowledge of cultural and ethnic diversity to all.

The Multi-Cultural Alliance (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 & OUTDOOR RECREATION

The Office of Student Activities & Outdoor Recreation enhances the educational experience through exposure to programs and activities that promote intellectual, cultural, social, recreational, 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, various trips, a movie series, as well as events such as making their own street signs, lip balm, Valentine bears, and more. A Student Activities Calendar is distributed each fall and spring to the campus community to promote the many campus activities available.

Sixty+ 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 Student Activities, 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.

The Outdoor Recreation program takes advantage of the opportunities afforded by the natural surroundings of the Southwest Virginia mountains. The Outdoor Recreation Club assists with planning, organizing, and executing at least one trip per month. Events include ski trips, overnight camping, white water adventures, hiking/picnic 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.

STUDENT HANDBOOK

The Student Handbook is the guide to life at UVa-Wise and is available in an online only format at www.uvawise.edu/studentlife/governance. 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.

ADMISSION

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 on page 21). 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 600-2400. Competitive applicants for admission to UVa-Wise should demonstrate a composite score of 900 or better on the critical reading and mathematics sections. Scores from the new writing component are required of applicants for freshman admission and may be considered as part of the admissions process. Applicants who have taken the SAT Reasoning Test prior to March 2005 should demonstrate a composite score of 900 or better. (ACT Assessment composite scores of 18 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 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.
3. SAT Reasoning Test or the ACT Assessment scores.
4. All international students, as well as all other students at UVa-Wise, must be proficient in reading and writing English. 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). 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.
5. A Supplemental Form certifying that adequate funds are available for college study prior to coming to the United States.

ADMISSION TESTS

The SAT Reasoning Test or the ACT Assessment is required 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 semester 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.
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 receive a health form which must be submitted to the Vice Chancellor for Administration and a housing request form to be submitted to the Director for Residence Life if you wish to live in campus housing.
9. Apply for financial aid after January 1 and no later than February 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.

Students may request an interpretation of their status by the Business 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.

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.

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. This deposit is refundable through May 1 for fall enrollment and December 1 for spring enrollment. 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 GED score, which must be at least 450 with no part less than 350 (before January 1, 1997) or at least 450 with no part less than 400 (after January 1, 1997), SAT Reasoning Test/ACT scores if applicable, employment, military, or educational experience since leaving high school, and potential for academic success. 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 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 Academic Dean, 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.

PROVISIONAL ADMISSION

The Vice Chancellor for Enrollment Management or the Admissions Committee may recommend a limited number of semester hours for those students who do not meet the admissions guidelines but who show academic promise. Freshmen who are provisionally-admitted will be directed to a specific two-semester freshman seminar experience.

READMISSION

A 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. Obtain an application for readmission from 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 Vice Chancellor for Enrollment Management may request additional materials to complete the applicant's file.
4. The Vice Chancellor for Enrollment Management 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.

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.

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 "C-" 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 semester 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 and sciences associate degree in a four year transfer area. Benefits of this agreement include: completion of all general education 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.

- Articulation agreements in Software Engineering – These specialized agreements are 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 the website: www.uvawise.edu/admissions for additional information.

With the KCTCS, the following agreements exist:

- Articulation agreements with 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 general education 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.

For specific program requirements and benefits, please visit www.uvawise.edu/admissions.

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 Academic Dean 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

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. Freshmen 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 April 1 for freshmen and returning students and May 1 for transfer students. Entering students must also be admitted by the

applicable date. Students should submit their FAFSA or renewal FAFSA electronically at www.fafsa.gov. Applications are not considered on the basis of need, regardless of 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 estimated to range from \$605 to \$5,645 (subject to change) for the 2013-14 academic year, for either full or 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 \$2,500 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 semester 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. Interest rates are fixed at the time of application. The borrower is responsible for payment or capitalization of interest while in school. 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) semester 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 January 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, Title IV Code Number 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 Perkins Loans, Federal Stafford Loans, Federal PLUS loans state grants, and internal institutional scholarships.

The minimum standards are listed below:

Quantitative Standards: A student must successfully complete (earn a passing grade) in at least 75 percent of the courses/credit hours attempted (reviewed annually).

Qualitative (GPA): 1.75 cumulative GPA at UVa-Wise and <30 credit hours / 1.85 cumulative GPA and >=30 credit hours and <60 credit hours / 2.0 cumulative GPA and >= 60 credit hours.

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, semester 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. Semester hours completed in summer sessions (without financial aid through UVa-Wise) 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 at www.uvawise.edu/financialaid/sap_appeal_form. 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 semester hours during a summer session if necessary.

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 assists in filing applications for educational benefits and acts for the College in correspondence regarding veteran activities.

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.

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 on the basis of 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 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, Federal Perkins Loans, Parent PLUS Loans, Federal Pell Grant, Federal ACG Grant, Federal SMART 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

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 semester hours credit 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 semester hours credit 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:

* 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.

* The Virginia Guaranteed Assistance Program (VGAP) is available to Virginia residents who are entering freshmen. The student must be full-time (12 hours) 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.

NAMED, FUNDED SCHOLARSHIP ENDOWMENTS

The James Taylor Adams Scholarship Award in Writing Fund
The Luther and Lou Emma Addington Memorial Scholarship Fund
The Thomas A. Aker, Sr. and Minnie Ruth Aker Memorial Scholarship Fund
The Dr. Morton O. Alper Scholarship Fund
The Alpha Psi Chapter, VA Iota State Chapter, Delta Kappa Gamma International Scholarship Fund
The Appalachian Regional Healthcare Scholarship Fund
The Morton Asbury Scholarship Fund
The Nell H. Asbury Scholarship Fund
The B. F. Needy Scholarship Endowment Fund
The J. Rex Baird Scholarship in Biology Fund
The Bank of America Scholarship Fund
The Clyde Patton and Margie Read Bishop Memorial Scholarship Fund
The Kermit A. and Hattie L. Bolling Scholarship Fund
The Morgan and Betty Bolling Scholarship Fund
The Frances Elam Botts and Stanley Horton Botts Scholarship Fund
The Julie Elizabeth Carter Bray Scholarship Fund
The John I. Burton Class of 1956 Scholarship Fund
The Stephen D. Campbell Memorial Scholarship Fund
The Greg D. Cantrell Memorial Scholarship Fund
The Alfred and Shirley Wampler Caudill Scholarship Fund
The Ruby Nell Cawood Music Scholarship Fund
The Chancellor's Merit Scholarship Fund
The Chemistry Alumni Scholarship Fund
The Gertrude E. Cherry Scholarship Funds: Dr. Creed Fulton Flanary Cherry and Helen Larkin Cherry Scholarship Fund; Sarah Catherine Cherry, Edith Cherry, and Inez Cherry Dabney Scholarship Fund; Creed Fulton and Sarah Litton Flanary Scholarship Fund; and the Robert Trigg Flanary Scholarship Fund
The Dr. Thomas Miller Cherry and Nancy Flanary Cherry Scholarship Fund
The Connie E. Childress Scholarship Fund
The China Garden Scholarship Fund
The Clinch Valley College History Scholarship Fund
The Clinch Valley Medical Center Scholarship Fund
The Coeburn Civic League Scholarship Fund
The Coeburn Medical Center Scholarship Fund
The Cohen Family Memorial Fund
The Sylvia Stone Cohen Commonwealth Scholars Program
The William B. Cohen Memorial Scholarship Fund
The Colyer Family Scholarship Fund
The Russell P. and Doris L. Cooper Scholarship Fund
The Margaret C. Costa Academic Travel Fund
The William Daniel Crabtree Memorial Scholarship Fund
The George E. Culbertson Scholarship Fund
The Colgate Darden Scholarship Fund

The David Preston "D.P." and Leta F. Davis Scholarship Fund
The Desert Sands Shrine Club Scholarship Fund
The Dickenson Memorial/Clintwood High School Class of 1954 Scholarship Fund
The E.L.B. Scholarship Fund
The Ralph Eisenburg Scholarship Fund
The William Bradley Elkins Scholarship Fund
The Mark and Ruby Ely Scholarship Fund
The First Bank and Trust Scholarship Fund
The Flanary Family Scholarship Fund
The Everet J. Flanary Memorial and all participants of the D-Day invasion with the 116 Company
1st Army Scholarship Fund
The Joseph D. Flanary Scholarship Fund
The Betty Jackson Freeman Scholarship Fund
The Christopher Freeman Scholarship Fund
The Robert P. and Lucille M. Fritz Scholarship Fund
The C. Paul and Ida Banner Fugate Memorial Scholarship Fund
The Charles I. Fuller, Sr. Memorial Scholarship Fund
The Alta and Lacey E. Fuller Memorial Scholarship Fund
The Albert L. and Dorothy Gilley Garrison Scholarship Fund
The Gatlin-Wright Memorial Scholarship Fund
The Bill Gatton Scholarship Fund
The Theda and Neva Gibson Scholarship Fund
The Theodore Gibson and Elizabeth H. Fugate Scholarship Fund
The Sam Gilbert Foreign Study Fund
The Betty Jones Gilliam Scholarship Fund
The Samuel & Helen Gott Scholarship Fund
The Fred B. Greear Memorial Scholarship Fund
The James Greear Memorial Scholarship Fund
The H. A. and Georgie Gurney Scholarship Fund
The Amy Hall Scholarship Fund
The Carl W. and Elizabeth H. Hamilton Memorial Scholarship Fund
The Emory Hamilton Memorial Scholarship Fund
The Verta Hamilton Scholarship Fund
The Thelma Meade Hancock and Robert C. Hancock Memorial Scholarship Fund
The Kay Hawkins and Dorothy Mullins Scholarship Fund
The Harry and Eugertha Heise Memorial Scholarship Fund
The Julia R. Heise Scholarship Fund
The Ronald H. Heise Scholarship Award in Communication Studies
The Edward L. "Buck" Henson, Jr. History Scholarship Fund
The Napoleon Hill Foundation Scholarship Fund
The Martha Ann Roberts Holyfield and James (Jimmy) Holyfield Scholarship Fund
The Velta Collins Holyfield Memorial Scholarship Fund
The Dr. William C. Horne and Mrs. Rebecca Horne Scholarship Fund
The Joe Tom & Frances Fraley Howard Scholarship Fund
The Internal Medicine Associates Merit Scholarship Fund
The Harold and Anne Jackson Scholarship Fund
The Charlie R. Jessee and Brenda Jill Jessee Scholarship Fund
The Judith Johnson Scholarship Fund
The Hank Johnston International Travel Scholarship Fund
The Sadie Stone Jones Memorial Scholarship Fund
The E. Glenwood King Memorial Scholarship Fund

The Edward Lee King Memorial Scholarship Fund
 The Kiwanis Club of Norton Scholarship Fund
 The Kline Foundation Annual Scholarship Award Fund
 The Knights of Columbus Glenmary Council No. 7853 Scholarship Fund
 The S. A. and Jane Knox Memorial Scholarship Fund The Clinton & Lucille Lambert Scholarship
 Fund
 The W. C. and Wilma R. Stallard Lambert Endowed Scholarship Fund
 The Valerie and Steve Lawson Scholarship Fund
 The Lee & Phipps Scholarship Fund
 The Lions Club of Norton Scholarship Fund
 The Senator and Judge M. M. Long Scholarship Fund
 The Longs Fork Elementary School PTO Scholarship Fund
 The Gertrude Manhal Scholarship Fund
 The John "Jack" Mahony Phi Sigma Kappa Alumni Scholarship Fund
 The Heather Markusich Memorial Scholarship Fund
 The Stewart McFall and Nellie Mullins McFall Memorial Scholarship Fund
 The Claude & Agnes McMurray Scholarship Fund
 The McReynolds Scholarship Fund
 The Virginia Irene Meador Scholarship Fund
 The Means to Excel Scholarship Fund
 The Waldo G. Miles Memorial Scholarship Fund
 The Miners' Family Scholarship Fund
 The Joe E. Mitchell and Marjorie Epps Mitchell Endowed Scholarship Fund
 The Jeffrey Wayne Morrissette Scholarship Fund
 The Mount Olive Freewill Baptist Church Scholarship Fund
 The Mullins-Perkins Scholarship Fund
 The Freddie E. and Karen S. Mullins Scholarship Fund
 The Norton Pepsi Cola/George Hunnicutt Family Scholarship Fund
 The Tommie O'Donnell Scholarship Fund
 The Sister Ann Christina O'Sullivan Scholarship Fund
 The Charles F. Pangle Memorial Scholarship Fund
 The Michelle Partin Scholarship Fund
 The Lila Malone Passan Scholarship Fund
 The Frances Currie Peake Scholarship in English Fund
 The Phi Theta Transfer Scholarships
 The Joseph T. Phillips and Anne P. Phillips Scholarship Fund
 The Pi Kappa Phi Fraternity Hawpe-Donathan Alumni Scholarship Fund
 The Columbus and Margaret Skeen Phipps Memorial Scholarships
 The Hallie and Wanda Pippin Scholarship Fund
 The David J. Prior Scholarship Fund
 The Poor Farm Society Scholarship Fund
 The Avery Don Powers Memorial Scholarship Fund
 The Dr. Norman S. and Josephine C. Propper Scholarship Fund
 The Qualls Lifelong Learning Scholarship Fund
 The Jennifer Lockhart Quillen Scholarship Fund
 The Jennifer Lee Ratliffe Memorial Scholarship Fund
 The Rigg Family Scholarship Fund
 The Calvin and Fern Robinson Memorial Scholarship Fund
 The E. Beuford Rose and Christine Stanley Rose Scholarship Fund
 The Dmitry Rudnik Foreign Student Scholarship Fund
 The John R. and Ruby S. Salyers Scholarship Fund
 The Mr. & Mrs. P. C. Sapra Scholarship Fund

The Scott County/Kingsport Alumni Scholarship Fund
The Scott County Merit Scholarship Fund
The Ralph L. Siemen Scholarship Fund
The Semper Fi Scholarship Fund
The John A. Shafer Scholarship Fund
The Burl and Amy Short Scholarship Fund
The Charles Edwin and Adelaide Winston Showalter Scholarship Fund
The Dr. William P. Shulhof and Barbara Dingus Shulhof Scholarship Fund
The Henry A. and Edna Stewart Siphers Scholarship Fund
The Joseph C. Smiddy Scholarship Fund
The Reba G. Smiddy Scholarship Fund
The Rosebud Smiddy Scholarship Award Fund
The Glenn Smith Memorial Scholarship Fund
The Grace Burton Sorah Scholarship Fund
The John R. Stafford, Jr. Scholarship Fund
The Dewey Hobart and Geneva J. Stallard Memorial Scholarship Fund
The Jeannie Asbury Stallard Scholarship Fund
The Mary Andrews Stallard Scholarship Fund
The Phillip Andrew Stallard Memorial Scholarship Fund
The Lucy K. Starkovsky Memorial Scholarship Fund
The William H. Starnes, Jr. and Sofia M. Starnes Scholarship Fund
The Joseph M. Straughan Memorial Scholarship Fund
The Eugene K. Street Memorial Scholarship Fund
The Student Government Association Student Leader Scholarship Fund
The Thurston H. Strunk and Kathleen Miller Strunk Scholarship Fund
The Sturgill Merit Scholarship Fund
The Benjamin F. and Sarah C. Sutherland Scholarship Fund
The Farley G. Sutherland Scholarship Fund
The Helen Jackson Sutherland Scholarship Fund
The Carroll N. Tate Scholarship Fund
The Thomas Family Scholarship Fund
The Thompson Family Scholarship Fund
The Twinleaf Society Scholarship Fund
The UVa-Wise Classified Staff Scholarship Fund
The Virginia Oil and Gas Association Scholarship Fund
The Ethel Nash Waters Scholarship Fund
The Thomas Walker High School Class of 1950 Scholarship Fund
The Claude V. and Berniece Warren Education Major Scholarship Fund
The Thelma Phipps Weaver and D. C. Phipps Scholarship Fund
The Wellmont Lonesome Pine Hospital Scholarship Fund
The Roy & Ruth Wells Scholarship in Chemistry Fund
The Glenn Hurst Wendell and Beth Siphers Wendell Scholarship Fund
The Westmoreland Coal Company and Penn Virginia Corporation Foundation Scholarship Fund
The George and Margaret Wharton Scholarship Fund
The Jim Whitt Scholarship Fund
The Danny E. Wilson Scholarship Fund
The Wise County Family & Community Education Club Scholarship Fund
The Wise Lions Club Memorial Scholarship Fund
The Colonel Ambrose White & Thelma M. White, TMCK Corporate Scholarship Fund
The Lettie Pate Whitehead Foundation Scholarship Fund
The Howard White Williams Scholarship Fund
The Judge Robert T. Winston Scholarship Fund

The Wise ARH Auxiliary Endowed Scholarship Fund
The Wise County Women's Club Scholarship Fund
The Wright Family Scholarship Fund
The John C. Wygal Scholarship Fund
The David M. Young Memorial Scholarship Fund

ATHLETIC SCHOLARSHIPS

Students who participate in intercollegiate athletics at UVa-Wise may be eligible for one of the athletic scholarships awarded annually by the Office of Athletics. The list includes:

The Kenneth P. Asbury Scholarship Fund
The B. F. Athletic Scholarship Fund
The Joshua Bentley Memorial Football Scholarship Fund
The Samuel Erik Bevins Scholarship Fund
The Ralph & Carolyn Cummins Scholarship Fund
The Dwaine Davis, Sr. Scholarship Fund
The Barbara Sutton Fraley Scholarship Fund
The Marcia Adams Gilliam Scholarship Fund
The Charles Harris Memorial Scholarship Fund
The A. Darrell and Joy P. Holbrook Football Scholarship Fund
The Jim N. Humphreys Scholarship Fund
The Lucien P. and Glessye Humphreys Scholarship Fund
The Hunt Commercial Properties Group Athletic Scholarship Fund
The Lewey K. and Brenda B. Lee Scholarship Fund
The Helen Popp Lewis Athletic Scholarship Fund
The Becky Seay Matney Scholarship Fund
The John Matney Scholarship Fund
The Danny G. and Kimberly Mullins Athletic Scholarship Fund
The Murray Energy Corporation Scholarship Fund
The C. Gary Rakes Scholarship Fund
The Candace B. Rakes Scholarship
The Kent Rigg Athletic Scholarship Fund
The Judge James C. Roberson Scholarship Fund
The Sara Lee Corporation Scholarship Fund
The Sewell, Pridemore and Ely Scholarship Fund
The South-West Insurance Agency Scholarship Fund
The Clyde Stacy Scholarship Fund
The Coach Burchell "Slew" and Iloe Read Stallard Scholarship Fund
The Carroll Dale and Tracy Stallard Cavs Scholarship Fund
The Ernest C. Starker Memorial Athletic Scholarship Fund
The Jimmy C. Stewart Scholarship Fund
The Susie Sturgill Athletic Scholarship Fund
The Brenda Swindall Football Scholarship Fund
The Coach Tom Turner Scholarship Fund

Athletic Grants-in-Aid awards are available to student athletes eligible to participate in football, baseball, golf, basketball, tennis, cross country, volleyball or softball. Awards are based on student need and ability. Recipients are selected by the coaches in each sport.

SPECIAL AWARDS

The Addington History Award
The Dana Collier Memorial Award

Faculty Awards for Athletics
The William Elbert Fraley Award in English
The William Elbert Fraley Award in History
The Johnson Family Tuition Award
The Beulah Mae Johnson Secondary Teaching Award
The Karen Denice Lane Nursing Challenge Award
The Leon & Helen Lederer Memorial Award in Applied Psychology
The Outstanding Graduate in Nursing Award
The Augusto Portuondo Award in Spanish
The David W. Roane Award in Business Ethics Fund
The Joseph Scolnick Pre-Law Award
The Professor Joseph M. Scolnick, Jr. Award for Excellence in Government and Public Service

UVA-WISE POLICIES

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 at www.uvawise.edu.

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 is in compliance 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 which a student develops in connection with course work and which is copyrightable shall belong to the student.

In the case of a work which 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 would observe the following University policy to determine copyright ownership: <https://policy.itc.virginia.edu/policy/policydisplay?id=RES-001>. The Academic Dean is responsible for administering the student copyright policy.

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.

GRIEVANCE PROCEDURES

Six primary procedures exist for addressing student complaints; (a) the academic grievance procedure, (b) the academic grade appeal, (c) the suspension appeal, (d) the procedures for challenging the contents of an educational record, (e) the ADA grievance procedure which describes how students with disabilities may bring a complaint when they believe their accommodations have not been appropriate, and (f) the various non-academic grievance procedures which are available for concerns involving campus life outside of academics.

All of these complaint policies are not only available to students on campus, but also to students in Abingdon and to students online. The policies appear on the website or in documents published on the website.

ACADEMIC COMPLAINTS

Academic Grievance Procedure

Students who have a grievance relating to a faculty member, department chair, or dean are invited to discuss their academic grievance in the following manner:

- Concerns related to a faculty member that cannot be resolved between the two parties should be discussed with the Department Chair on a person-to-person basis.
- Should the concern be related to the Department Chair, the grievance would be filed with the Academic Dean.
- Should the concern be related to the Academic Dean, the grievance would be filed with the Provost.

- Should the level of concern relate to the Provost, appropriate documentation should be presented in writing to the Chancellor of the college.

Academic 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 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 Academic Dean 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.

Appeal to Avoid Academic Suspension

Upon receiving a notice of suspension, a student may appeal the suspension to the Academic Dean. This appeal must be made at least 10 days prior to the beginning of classes in the following semester. 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 Academic Dean.

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 to the Academic Dean to be readmitted. Such an appeal must be made 10 days prior to the beginning of classes in the semester in which the student wishes to return. The appeal will be referred to the Academic Appeals Committee which will make a recommendation to the Academic Dean. Reinstatement is not automatic.

Procedures for Challenging the Contents of the Education 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 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 on the Registrar's website under Student Rights/FERPA ACT.

NON-ACADEMIC COMPLAINTS

ADA Grievance Procedure

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 complaints 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.

Student Life / Non-Academic Grievance Procedures

If informal, candid discussion is not successful in resolving a complaint, 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 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 or his/her designee will conduct an investigation if circumstances require additional information. The Dean of Students 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.

Student-Athlete Grievance Policy

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.

Sexual/Discriminatory Harassment Policy

Published in the UVa-Wise Student Handbook online, this policy clearly describes what is considered sexual harassment or sexual discrimination. The policy makes it plain that neither will be tolerated. Following the definitions are the procedures for reporting such complaints and the person to whom complaints should be reported, the EO/AA Officer, who is the Director of Human Resources at UVa-Wise. Her office is also the EO/AA Office. In addition to this information, there is a brochure titled "Discrimination Complaints Procedures" that provides information about the manner in which complaints are processed and that is available at the EO/AA Office and also in the UVa-Wise Office in Abingdon.

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 at www.uvawise.edu/financialaid/sap_appeal_form. 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.

INVOLUNTARY WITHDRAWAL

Students may be involuntarily withdrawn from the College through either a judicial or honor court process for habitual delinquency in class, habitual idleness 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 who display behavior that is disruptive to the educational process may be required to complete an assessment with a college counselor. Based on recommendations from the counseling staff to the Dean of Students, a student may be involuntarily withdrawn from the College.

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 as a result 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 and the subsequent phone call will be made and documented by the Dean of Students or his/her designee and 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.

Note: All above-quoted material is taken 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. More information can be found on the registrar's webpage at www.uvawise.edu.

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, i.e. "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 Center for Student Development will notify the Dean of Students 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 Dean of Students 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.

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.

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. Emergency situations 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.

School Week	Percent Credited
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 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.

VEHICLES

All vehicles and motorcycles parked on campus must display a valid parking decal. Vehicle information is provided in the Vehicle Rules & Regulations brochure available in the Campus Police Department, located on the lower level of Cantrell Hall.

All visitors desiring to park their vehicle on College property must register their vehicle with the Campus Police Department. A temporary parking permit will be issued to the visitor at no cost. Visitors must comply with the Vehicle Rules and Regulations.

ACADEMICS

GENERAL EDUCATION

GENERAL EDUCATION CORE

The general education core is the foundation of a solid liberal arts curriculum and 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 man's creativity, aspirations and ingenuity and 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 general education core of courses is to prepare students to participate in society as responsible citizens and effective leaders.

GENERAL EDUCATION GOALS

The overarching goals for general education are the following:

1. To promote proficiency in all forms of communication: writing, reading, oral

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

GENERAL EDUCATION REQUIREMENTS

All students pursuing a baccalaureate degree will complete at least 53 semester hours of general education, a broad distribution of courses selected according to a College-wide formula, and the cultural activities requirement. Many of the courses which meet the general education requirements are prerequisites for advanced study in the various majors. Students should consult the requirements of their prospective majors and select their general education courses accordingly. Note: One course may not be used to satisfy more than one of the listed area requirements.

	semester hours
I. English Composition	6
II. Literature	3
III. Mathematics	6
IV. Physical Education	1
V. Freshman Seminar 1010-1020	2
VI. Foreign Language	6
VII. Western Heritage	6
VIII. Natural Science	8
IX. Arts	3
X. Humanities	3
XI. Social Sciences	9
XII. Cultural Activities	*
Total semester hours	53

The guidelines for selecting general education courses are:

I. English Composition: 6 semester hours.

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 (see page 103). 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.

II. Literature: 3 semester hours.

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 may not be used to satisfy this requirement.

III. Mathematics: 6 semester hours.

Mathematics contributes to the development of formal reasoning skills. Students may select any mathematics course numbered 1000 or higher except MTH 3010, MTH 3020, MTH 3150, MTH 3210, or MTH 3220.

A 1000-level course, with the exceptions of MTH 1020 and MTH 1180, may not be taken for credit after a 2000- or higher level course has been completed successfully.

A student cannot receive credit for both MTH 1000 and MTH 1010. However, a student who receives a grade of C- or lower in MTH 1010 may take MTH 1000 for credit and the grade in MTH 1000 will replace the grade in MTH 1010.

Neither MTH 1000 nor MTH 1010 may be taken for credit after either MATH 1110 or MATH 1210 has been completed successfully.

MTH 1110 cannot be used in conjunction with MTH 1000 or MTH 1010 to complete the General Education requirements in Mathematics.

IV. Physical Education: 1 semester hour.

A healthy mind resides in a healthy body. Two .5 hour credit courses or one 1-semester-hour credit course must be selected from Physical Education Activity Courses (Basic Skills).

V. Freshman Seminar (SEM 1010, 1020): 1-2 semester hours.

A Freshman Seminar experience is required of all first-time freshmen. Freshman seminar serves as an introduction to academic life, providing the student with an advisor (the instructor of the course) as well as an opportunity to develop skills that will serve the student academically. Seminar is waived for freshmen transferring in 15 or more hours of credit with a 3.5 GPA; 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.

VI. Foreign Language: 6 semester hours.

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 (see page 103.)

VII. Western Heritage: 6 semester hours.

This requirement explores the culture and tradition of the western world, of which the United States is a part. Six semester 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 2050 and 2060, POL 1030 and 1040, and VPR 1010 and 1020.

VIII. Natural Sciences: 8 semester hours.

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.

IX. Arts: 3 semester hours.

Understanding culture includes an exploration of the arts. Three semester 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.

X. Humanities: 3 semester hours.

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.

XI. Social Science: 9 semester hours.

The social sciences explore individuality and human behavior. No more than 3 semester 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 geography (except GEO 2010).

XII. Cultural Activities

Each student must attend four (4) cultural activities in the freshman year (GED 1010) and four (4) cultural activities in the junior year (GED 3010).

CULTURAL ACTIVITIES REQUIREMENT

All students are required to attend four (4) cultural activities during their freshman year and four (4) cultural activities during their junior year. Cultural activities are defined as any Pro Art presentation held on or off campus, concerts, theatre productions, or art exhibits held on campus, and all lecture or panel discussions on campus. Additionally, students may attend the senior seminar presentations of any major outside their own department. These senior seminar presentations may count for one activity in the freshman year and one activity in the junior year. Transfer students who first attend the College upon completion of their freshman year elsewhere must complete the junior year requirement only. The cultural activities requirement also applies to Abingdon students who will have a wide array of events provided at the Southwest Virginia Higher Education Center.

The College will continue to provide many cultural events at the 1 p.m. Convocation hour on Mondays, Wednesdays, and Fridays. These programs will make it simple for commuter students and non-traditional students to attend events without having to return to campus in the evening.

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. Students who leave before the event concludes will receive no credit, nor will they receive credit if they do not sign out.

GENERAL EDUCATION COMPETENCIES

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 general education core and the requirements of the major, students will demonstrate the general education competencies below. These competencies are at the core of 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 general education 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 general education 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.

TECHNOLOGY COMPETENCY

Because computers are essential to education, society, and the workplace, The University of Virginia's College at Wise requires every student to attain basic competency in the use of computers. Competency in technology will be evaluated annually and reported to the State Council of Higher Education in Virginia. These requirements include:

- a. Understanding that computers can be useful in performing certain tasks;
- b. Word processing - The ability to create, edit, and save a document;
- c. Spreadsheet - The ability to set up and use a spreadsheet;
- d. Email - The ability to send and receive email;
- e. Internet - The ability to use the Internet, accessing browsers as needed, to find information required for research; and
- f. The ability to evaluate that information found in the Internet.

For graduation purposes, each academic major should be able to guarantee that every graduating student in that major is computer literate, based on the definition above, and possesses any other computer skills appropriate to that major. Students may acquire these skills through a variety of academic experiences. Student performance in these areas will be evaluated on the basis of a common rubric.

WRITING COMPETENCY

The foundation of the general education core is the ability to communicate effectively in writing.

General education 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, general education literature classes, and, in all disciplines, the capstone classes or upper division writing intensive classes in the majors with no capstone.

ACADEMIC ADVISING

Every degree-seeking student is assigned an academic advisor who helps plan the student's academic program.

ADVISING FOR FRESHMEN

Entering freshmen are advised by faculty selected and trained to help students make a successful transition from high school to college. Freshmen are matched with an advisor through selection of a freshman seminar class, SEM 1010, during orientation. This class is designed to introduce students to the academic environment. The seminar instructor serves as the student's advisor until the student declares a major. Freshman seminar enrollments are limited to promote maximum interaction between student and advisor; the freshman advisor is an important resource in helping students make the transition to college.

Freshman seminar (SEM 1010) constitutes the minimum seminar requirement of all entering freshmen. Provisionally-admitted freshmen are required to complete two semesters of seminar instruction, SEM 1010 and SEM 1020. First-year students who are designated as not in good academic standing at the end of their first full semester of enrollment at the college are required to register for and complete a skills seminar (SEM 1020) in the next immediate semester of enrollment. Students should refer questions on this subject to the Coordinator for Advising and Retention.

Seminar 1010 will be waived for freshmen who have completed 15 or more hours of transferrable dual enrollment credits with a grade point average of at least 3.5. These students will be directed to a faculty advisor by the Coordinator for Advising and Retention.

ADVISING IN THE MAJOR

Students may declare a major at any time and must do so by the time they have earned 60 hours. 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 degree audits via the student portal at my.uvawise.edu.

ADVISING FOR TRANSFER STUDENTS

Transfer students with less than 30 hours of transferrable college credit are classified as freshmen and are subject to policies governing freshman advising (above). Transferring freshmen are required to complete Freshman Seminar/SEM 1010. All first-year students who are unsuccessful during their first full semester of enrollment at UVa-Wise shall also be required to complete SEM 1020. The seminar requirement is waived for first-year students transferring in 15 or more hours with a 3.5 grade point average in those classes; they will be directed to a faculty advisor as well as to various other advising resources. Like other upper-level students, transfer students with 60+ hours are required to declare a major; all others will be

assigned an advisor in an appropriate area. Transfer and readmitted students should visit the Advising Center for assistance with planning and scheduling until they have been assigned an advisor in their majors.

CHANGING ADVISORS

Students may change advisors at any time by declaring their major through 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 Advising Center.

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 any time within the first eight weeks of the semester. After the first week of class, access to the web registration portal is blocked. Dropping a class requires the submission of a completed Schedule Action Form to the Registrar's Office. The last day to drop classes is published in the Academic Calendar as well as in registration materials provided by the Registrar's Office. The add and drop dates for courses meeting only part of the semester may vary from the timeframes stated above. After the portal has been blocked, students wishing to make a schedule change should take the following steps:

1. Obtain a Schedule Action Form from the Registrar's Office or from any faculty secretary, or print the form at www.uvawise.edu/registrar.
2. Complete the form and get the advisor's signature.
3. Return the form to the Registrar's Office by the published deadline.
4. Once having added or dropped the course, students should then check their current schedules in the student information portal to make certain that the appropriate action took place with regard to their schedule of courses. Students should also print a schedule that shows the change has been made and keep that document until grades are in at the end of the semester.

Schedule changes must occur within the stated deadlines. Exceptions must be approved by the Academic Dean 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 during the add 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 ASSISTANCE

ASSISTANCE FOR STUDENTS WITH DISABILITIES

In compliance with state and federal legislation regarding disability, UVa-Wise provides accommodation 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. Students in need of assistance should contact the ADA Office by calling 276-328-0265 or via email at 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); and

4) include complete educational and medical history relevant to the disability.

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.

TUTORING

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. Any student enrolled in a course at the College has access to free tutoring through the Tutor Connection.

The office is located on the first floor of Zehmer Hall. The Tutor Connections also offers an alternative tutoring service. SMARTHINKING provides web-based tutoring in multiple subjects to students of the College. 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 for additional and log-in information. Call 276-328-0177 for additional information.

ACADEMIC POLICIES & PROCEDURES

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 hours attempted minus the number of grade points earned. For example, if a student has attempted 60 semester hours and has earned 105 grade points, he or she would have a grade point deficit of 15 points as shown in the following:

2 x 60 hours attempted	120
grade points earned	105
grade point deficit	15

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 issued a letter of 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 which represents the College. The Academic Dean 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 grade point deficit is 25 or more grade points.

APPEAL TO AVOID ACADEMIC SUSPENSION

Upon receiving a notice of suspension, a student may appeal the suspension to the Academic Dean. This appeal must be made at least 10 days prior to the beginning of classes in the following semester. 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 Academic Dean.

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 to the Academic Dean to be readmitted. Such an appeal must be made 10 days prior to the beginning of classes in the semester in which the student wishes to return. The appeal will be referred to the Academic Appeals Committee which will make a recommendation to the Academic Dean. Reinstatement is not automatic.

ACCESS TO STUDENT 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 make arrangements 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. Parents of dependent 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.

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 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 general education, developmental/remedial courses, 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 their advisors or the assessment coordinator.

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 Academic Dean up to and including withdrawal from the course. Such absences should be reported by the professor to the Coordinator for Advising and Retention. A student who is absent for any officially authorized reason may be excused for a stated period by the Academic Dean.

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.

CATALOG OF RECORD

The academic regulations and degree requirements described in the 2013-2014 UVa-Wise Catalog apply to all freshmen who first enroll at the College after January 1, 2013. 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 co-requisites apply based on the current year catalog of record.

CHANGE OF ADDRESS OR NAME

Each student is responsible for notifying the Office of the Registrar of any change in home address or any legal name change. When a name is changed, the student must provide the Office of the Registrar with a certified copy of applicable documents authorizing such change. Changes are accepted only from the student.

CLASS STANDING

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

COURSE LOAD

Regular Academic Term – A student who is taking courses which total at least 12 semester hours credit is considered a full-time student. The normal load for students planning to graduate in four years is 15 semester hours per semester. Students who wish to enroll for more than 18 semester hours must obtain permission from the Registrar or the Academic Dean and normally 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.

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

DIPLOMA REPLACEMENT

Students may purchase replacement diplomas through UVa-Wise Alumni Association. Call 276-328-0128 or send email to 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 45 additional semester 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.

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 semester hours beyond the first degree

and satisfying all College requirements - general education, the major and department core classes.

ENROLLMENT

A student will be considered enrolled if the following conditions are met: 1) The student is pre-registered for courses for a particular semester or summer session; and 2) The student's attendance in at least one class has been verified.

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.

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 semester hours. (At most, two hours earned in physical education activities courses may be counted as part of the 120 hour requirement.) Completion of the general education requirements is considered to be 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 of at least 2.00 or higher as prescribed by the major.
4. Completion of requirements for one of the major program areas and the general education requirements as described in the catalog of record.
5. Completion of at least 45 semester hours through UVa-Wise, with a minimum of 15 semester hours of upper-level courses completed in the major.
6. Completion of at least 58 semester hours in a regionally accredited four-year college or university.
7. The filing of an application for graduation with the Office of the Registrar at least one full semester prior to the anticipated graduation date.
8. Completion of the Cultural Activities Requirement.

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 drop the class in which the case originated.

INTERNATIONAL BACCALAUREATE

The test level must be "HL" or higher with a grade level of 5 or more to qualify for credit. See the Registrar for additional information or visit www.uvawise.edu/registrar/Transferring-Courses.

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 B010 or call 276-376-4509 for instructions on how to establish an official UVa-Wise email account.

PERMISSION FOR WORK AT OTHER INSTITUTIONS

After students are regularly enrolled at The University of Virginia's College at Wise, they must have permission of the College before taking courses at other institutions. Requests for permission must be submitted via the electronic "request to transfer a course" link at www.uvawise.edu/registrar. Once approved, **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 become part of the student's academic record at UVa-Wise.

Permission to take course work at other institutions does not release the student from any graduation requirements stated on page 45 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. Fifty-eight hours of the 120 required for graduation must be taken at a regionally accredited, four-year institution with at least 45 hours taken at UVa-Wise.

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. The student must still meet the 58-hours requirement as well as the 45-hours requirement at UVa-Wise. If a student transfers to the College with more than 58 hours from a four-year college, those hours may be accepted but the student must still meet the 45-hours requirement 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 POLICY

The following table explains advanced placement credit earned through testing by the Education Testing Service:

Examination	Score	Course	Semester Hours
Department of History & Philosophy			
American History	4 or 5	HIS 1070, 1080	6
European History	4 or 5	HIS 1010, 1020	6
Department of Languages & Literature			
English	3 or 4	Placement in ENG 1030	*
English	5	ENG 1010, 1020	6

*Placement in ENG 1030 allows the student the possibility of gaining six hours of credit upon successful completion (a grade of "C-" or better) of that class; if a student with an AP score of 4 receives a grade of "D" in ENG 1030, the student receives credit for ENG 1010; a student with an AP score of 3 who receives a grade of "D" in ENG 1030 does not receive credit for ENG 1010.

French	3 or 4	Placement in FRE 1030	#
French	5	FRE 1010, 1020	6
German	5	GER 1010, 1020	6
Latin	5	LAT 1010, 1020	6
Spanish	3 or 4	Placement in SPA 1030	#
Spanish	5	SPA 1010, 1020	6

#Placement in a foreign language course numbered 1030 allows the student the possibility of gaining six hours of credit upon successful completion (a grade of "C-" or better) of that class; if a student with an AP score of 4 receives a grade of "D" in 1030 the student receives credit for 1010; a student with an AP score of 3 who receives a grade of "D" in 1030 does not receive credit for 1010.

Department of Mathematics and Computer Science

Computer Science	4 or 5	COS 1100	3
Mathematics (AB)	4 or 5	MTH 2040	4
Mathematics (BC)	3	MTH 2040	4
Mathematics (BC)	4 or 5	MTH 2040, 2050	8
Statistics 3-5		MTH 1180	3

Department of Natural Sciences

Biology	3	BIO 1005, 1006	4
Biology	4 or 5	BIO 1005, 1006, 1007, 1008	8
Chemistry	3	CHM 1010, 1011	4
Chemistry	4 or 5	CHM 1010, 1011, 1020,1021	8
Physics B	3	PHY 1010, 2010	4
Physics B	4 or 5	PHY 1010, 2010, 1020, 2020	8

Department of Social Sciences

American Govt.	4 or 5	POL 1010	3
Psychology	4 or 5	PSY 1100	3

A department may excuse a student from taking the beginning courses in a required sequence of courses if the department determines the student to be 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 are semester hours which 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.

UNSATISFACTORY CONDUCT

The College reserves the right to suspend, enforce the withdrawal of, or expel a student from one or more classes whose conduct is in its judgment unsatisfactory. Conduct which may result in such action includes habitual delinquency in class, habitual idleness, or any other fault which prevents the student from fulfilling the purposes implied by registration in the College.

VOLUNTARY WITHDRAWAL

An official application to withdraw from UVa-Wise is obtained from the Advising and Retention

Coordinator. That application, along with an exit interview with the Coordinator, 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 the Advising and Retention Coordinator, 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 the Academic Dean 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 Academic Dean, with the advice of the Academic Appeals Committee, may grant exceptions to the above rule.

APPEALS POLICIES AND PROCEDURES

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 at the recommendation of the Academic Dean. The Committee will send a recommendation to the Academic Dean for final consideration.

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 Academic Dean 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.

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 Academic Dean.

GRADE POLICIES

AUDITOR

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.

COURSE CREDIT

Credit is accumulated in semester hours and each 15 hours of lecture time is equivalent to one semester hour of credit. This means a three- semester-hour course will normally meet for three hours per week in a 15-week semester. Three hours of laboratory time are considered equivalent to one hour of lecture time.

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 or at www.uvawise.edu/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 chairman 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 chairman 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 general education requirements.
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 and the Academic Dean. 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 semester 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 Academic Dean.
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. Semester 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.

EXCLUSION FROM COURSES

A student who is making no progress in a course may be excluded from the course (with a grade of "W") by the Academic Dean upon recommendation of the instructor. This procedure is not used after the last day for dropping a course.

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 approved by the Academic Dean. 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 number of grade points earned in a course is determined by multiplying the number of semester hours by the point value of the earned grade as shown in the following table:

Letter Grade	Grade 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 Poor	1.0
D-	0.7
F Failure	0.0

The grade point average (GPA) is the number of grade points earned divided by the number of semester hours attempted.

GRADE REPORTS

Official grade reports are made available to the student within two weeks after the close of each semester on the student portal. Grade reports will also be mailed to freshmen.

Freshmen will receive mid-term grade reports and should meet with their advisors immediately after the mid-term break to discuss these progress reports. Mid-term grade reports may be viewed by students and advisers on the student portal.

INCOMPLETE

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 Academic Dean.

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 general education 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 Academic Dean. **The request must be returned to the Registrar's Office prior to beginning the class.**
9. A student taking an independent study course must submit a completed Schedule Action Form to the Registrar's Office to add the class to his or her schedule. The addition of the independent study course to the college's schedule does not enroll the student in the class.

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

A student who receives a grade of "F" in any course taken at UVa-Wise may repeat that course at UVa-Wise and the new grade earned will be posted to the transcript and used in computing the grade-point average. A student may repeat a course twice under this provision, but the third attempt and any subsequent attempts are counted as semester hours attempted in the computation of grade point average.

A student who receives a grade of "D- to C-" in a course may repeat that course once. Courses repeated under this provision must be taken at UVa-Wise. The 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.

Transfer students who have a grade of "D" or "F" in a course at another college may have the option of repeating the course at UVa-Wise under the repeat policy provisions, provided there is an equivalent course at UVa-Wise. Permission to use this option must be obtained from the Registrar.

A student will normally not be permitted to take a remedial 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 written request, signed by the student. Transcripts may not be requested via email or telephone. You may request a transcript in one of the following ways:

1. Online, transcripts may be ordered by clicking on the link “transcript request page” located on the Registrar’s web page. This new online form requires the authorization of digital signatures. The transcript request form is submitted directly to the Registrar’s Office. There is a \$10 fee per copy that may be paid with a credit or debit card.
2. In person, at the office of the Registrar. A Transcript Request Form (www.uvawise.edu/registrar/documents) must be completed before the transcript can be released. There is a \$10 fee per copy which can be paid in the form of cash, check, money order, credit or debit card.
3. By mail, by printing the Transcript Request Form or by hand-written letter. The letter must include your name, current address, 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 with \$10 fee to:

The University of Virginia’s College at Wise
Office of the Registrar
1 College Avenue
Wise, VA 24293

Transcript processing on average will take 3 to 5 business days. However, during registration, grade positing, exams and graduation weeks, processing time may take up to 10 business days.

WITHDRAWAL

A “W” indicates the student has dropped the course after the recorded census date for the course.

MAJORS AND MINORS

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 baccalaureate degrees in 29 majors, and the Interdisciplinary Studies Major for students who wish to pursue interdisciplinary studies.

For the Bachelor of Arts, Bachelor of Science, or Bachelor of Science in Nursing degree, students will earn a minimum of 120 semester hours in courses that include the general education 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 minor includes at least 18 semester hours in the 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.

Major	Degree	Department
Accounting	B.A., B.S.	Business and Economics
Administration of Justice	B.S.	Social Sciences
Art	B.A.	Visual and Performing Arts

Biochemistry	B.S.	Natural Sciences
Biology	B.A., B.S.	Natural Sciences
Business Administration	B.A., B.S.	Business and Economics
Chemistry	B.A., B.S.	Natural Sciences
Communication Studies	B.A.	Communication Studies
Computer Science	B.S.	Mathematics and Computer Science
Economics	B.A., B.S.	Business and Economics
English Literature	B.A.	Language and Literature
Environmental Science	B.S.	Natural Sciences
Foreign Studies (Concentration in French, German or Spanish)	B.A.	Language and Literature
French	B.A.	Language and Literature
Government	B.A.	Social Sciences
Health & Physical Education	B.A.	Education
Hispanic & Hispanic- American Studies	B.A.	Language and Literature
History	B.A.	History and Philosophy
Interdisciplinary Studies	B.A.	Interdisciplinary
Liberal Arts and Sciences	B.A.	Education
Management Information Systems	B.S.	Mathematics and Computer Science
Mathematics	B.A., B.S.	Mathematics and Computer Science
Medical Technology/ Clinical Laboratory Science	B.S.	Natural Sciences
Music	B.A.	Visual and Performing Arts
Nursing	B.S.N.	Nursing
Psychology	B.S.	Social Sciences
Sociology	B.S.	Social Sciences
Software Engineering	B.S.	Mathematics and Computer Science
Spanish	B.A.	Language and Literature
Theatre	B.A.	Visual and Performing Arts

Minor Department

(Semester hours required are shown in parentheses.)

Accounting (18)	Business and Economics
Administration of Justice (18)	Social Sciences
Appalachian Studies (18)	Interdisciplinary
Art (18)	Visual and Performing Arts
Biology (23)	Natural Sciences
Business (18)	Business and Economics
Chemistry (26-27)	Natural Sciences
Coaching (22)	Education
Communication Studies (18)	Communication Studies
Computer Science (18)	Mathematics and Computer Science
Earth Science (19)	Natural Sciences
Economics (18)	Business and Economics
English (18)	Language and Literature
Finance (18)	Business and Economics

French (18)	Language and Literature
German (18)	Language and Literature
Government (21)	Social Sciences
Hispanic & Hispanic- American Studies (18)	Language and Literature
History (18)	History and Philosophy
International Business (18)	Business and Economics
International Studies (18)	Interdisciplinary
Leadership (18)	Interdisciplinary
Library Media (18)	Education
Mathematics (18)	Mathematics and Computer Science
Military Science (18)	Business and Economics
Music (26)	Visual and Performing Arts
Philosophy (18)	History and Philosophy
Physics (18)	Natural Sciences
Pre-Law (21)	Social Sciences
Psychology (21)	Social Sciences
Religious Studies (18)	History and Philosophy
Secondary Education (18)	Education
Sociology (18)	Social Sciences
Spanish (18)	Language and Literature
Theatre (24)	Visual and Performing Arts
Women's Studies (18)	Interdisciplinary

DECLARATION OF MAJOR

All full-time students must declare their major (or their intent to major in departments which have an approval process for the major) by meeting with the appropriate Department Chair by March 1 of the semester in which they will reach 60 hours of course credits. If they should accrue 60 hours at the end of the previous fall semester, they may declare their major at any time during their next semester, but must have declared by March 1 of the spring semester following. 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 for fall courses. Students may, of course, declare a major at any time prior to accruing 60 hours. At the time students declare their majors, they will be assigned an advisor in their major by the chair of their department.

HONORS

DEAN'S LIST OF DISTINGUISHED STUDENTS

Students who have at least 12 semester hours of credit during a given semester with no grades below "C-" and a grade point average of 3.50 or higher are placed on the Dean's List of Distinguished Students for that semester. 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 ACADEMIC DISTINCTION

Students who achieve academic distinction through sufficiently high grade point averages are recognized at graduation. The averages necessary are:

cum laude	3.500-3.699
magna cum laude	3.700-3.899
summa cum laude	3.900-4.000

For students who transfer to UVa-Wise, the required grade point averages must be maintained on:

1. graded work taken at UVa-Wise considered separately; and
2. the combination of all graded work taken at and transferred to UVa-Wise whether or not the transfer work is accepted toward the UVa-Wise degree.

THE PEAKE HONORS PROGRAM

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.

HON 3950: Special Topics (3)

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

Please see the Program Director for up-to-date information about current and upcoming course offerings.

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 General Education 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.

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.

UNDERGRADUATE RESEARCH

Undergraduate research at The University of Virginia's College at Wise is an evolving endeavor. Students have the opportunity to engage in independent research through their majors and through programs especially developed for summer research. Funding provided by the Fellowship in the Natural Sciences and the Undergraduate Research Council's Summer Stipends allows students to conduct mentored research. The Healthy Appalachia Institute, 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 in Africa with U.Va.'s Center for Global Health.

The Undergraduate Research Symposium held each spring in collaboration with Emory & Henry College offers these students and others a forum in which to present the results of their research. A student research symposium with member colleges of the Council of Public Liberal Arts Colleges (COPLAC) provides additional opportunities. 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 scholarly 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 student research experiences at the College by:

- Encouraging connections between research and the classroom throughout the curriculum.
- Encouraging collaboration among students and faculty in research 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.
- Co-sponsoring an annual Undergraduate Research Symposium with Emory & Henry College for students to present their research findings, have proposals reviewed by peers, and discover ways to become involved in further research, while also serving as role models for other students.
- Recognizing all students undertaking extra-curricular research at the college and honoring the achievements of students who distinguish themselves in research through "Graduation with Research Honors," and sponsoring the Chancellor's Medal for Excellence in Undergraduate Research.
- Recognizing the mentoring relationships faculty develop with research students 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.

DEPARTMENT OF BUSINESS AND ECONOMICS

Chair: David L. Kendall

Christopher F. Achua, Teena S. Fast, Francis M. Frey, Betty M. Humphreys, Zafar D. Khan, Dana G. Kilgore, Gary R. Stratton

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 semester hours, including (1) 53 hours of general education 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 semester 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 CORE REQUIREMENTS

Math Requirements - 6 semester hours

To satisfy the department's mathematics requirement and general education 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 higher than MTH 1110: Pre-Calculus I, other than MTH 1180: Elementary Probability and Statistics.

Communication Requirements - 6 semester hours

All majors in the Department must complete COM 1000: Public Speaking and either COM 3450: Technical Writing or COM 3400: Business and Professional Communication with a grade of "C" or better.

Additional Core Requirements - 24 semester hours

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.

- ACC 2010 Principles of Accounting I (3)
- ACC 2020 Principles of Accounting II (3)
- BUS 2110 Quantitative Analysis with Spreadsheets (3)
- ECO 2050* Microeconomic Principles (3)
- ECO 2060 Macroeconomic Principles (3)

ECO 2240	Quantitative Methods I (3)	
ECO 2250	Quantitative Methods II (3)	
BUS 4990	Capstone Business Simulation (3)	
		semester hours
TOTAL, DEPARTMENTAL CORE		30

*ECO 2050 satisfies three hours of the 9-hour social sciences requirement of the General Education 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

Required Major-Discipline Courses	15
ACC 3010 Intermediate Accounting I (3)	
ACC 3020 Intermediate Accounting II (3)	
ACC 3030 Advanced Accounting (3)	
ACC 3100 Cost Accounting (3)	
ACC 4100 Auditing I (3)	

Restricted Upper-Division Electives	15
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In addition to the required major-discipline courses, accounting majors must complete 15 hours of restricted electives selected from the Department's upper-division accounting course offerings.

TOTAL, MAJOR IN ACCOUNTING	30
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BACHELOR OF ARTS OR BACHELOR OF SCIENCE MAJOR IN BUSINESS ADMINISTRATION

Required Major-Discipline Courses	9
BUS 3180 Principles of Marketing (3)	
BUS 3310 Principles of Management (3)	
BUS 4850 Strategic Management (3)	

Elective Major-Discipline Courses	6
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Students majoring in business administration consult with their academic advisor to select two courses from the following list:

BUS 3410	Conflict Management (3)
BUS 3510	Human Resource Management (3)
BUS 3620	Social Issues & Business Ethics in Management (3)
BUS 3750	Organizational Leadership (3)

BUS 4500	Organizational Behavior (3)
FIN 3820	Theory of Finance (3)
FIN 3830	Financial Management (3)
FIN 3920	Investment Analysis (3)

semester hours

Restricted Upper-Division Electives

15

In addition to required major-discipline courses and elective major-discipline courses, business administration majors must complete 15 hours of restricted electives selected from the Department's upper-division accounting (ACC), business administration (BUS) or economics (ECO) course offerings.

TOTAL, MAJOR IN BUSINESS ADMINISTRATION **30**

BACHELOR OF ARTS OR BACHELOR OF SCIENCE MAJOR IN ECONOMICS

Required Major-Discipline Courses

6

ECO 3050	Intermediate Microeconomic (3)
ECO 3060	Intermediate Macroeconomics (3)

Elective Major-Discipline Courses

9

Students majoring in economics consult with their academic advisor to select three courses from the following list:

ECO 3110	Economics of the Public Sector (3)
ECO 3120	International Trade and Policy Issues (3)
ECO 3250	Economics of Development and Growth (3)
ECO 4100	History of Economic Thought (3)
ECO 4110	Public Finance (3)
ECO 4160	Econometrics (3)
FIN 3100	Money, Banking and Financial Markets (3)
FIN 3820	Theory of Finance (3)
FIN 3830	Financial Management (3)
FIN 4200	International Finance (3)

Restricted Upper-Division Electives 15

In addition to required major-discipline courses and elective major-discipline courses, economics majors must complete 15 hours of restricted electives selected from the Department's upper-division accounting (ACC), business administration (BUS) or economics (ECO) course offerings.

TOTAL, MAJOR IN ECONOMICS **30**

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

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

	semester hours
Required Courses	18
ACC 2010 Principles of Accounting I (3)	
ACC 2020 Principles of Accounting I (3)	
ACC 3010 Intermediate Accounting I (3)	
ACC 3020 Intermediate Accounting II (3)	
ACC xxxx Any upper-division accounting course not already used (3)	
ACC xxxx Any upper-division accounting course not already used (3)	

MINOR IN BUSINESS ADMINISTRATION

Required Courses	18
ECO 2050 Principles of Microeconomics (3)	
ACC 2010 Principles of Accounting I (3)	
BUS 3180 Principles of Marketing (3)	
BUS 3310 Principles of Management (3)	
BUS xxxx Any upper-division BUS course not already used (3)	
BUS xxxx Any upper-division BUS course not already used (3)	

MINOR IN ECONOMICS

Required Courses	18
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 upper-division ECO course not already used (3)	
ECO xxxx Any upper-division ECO course not already used (3)	

MINOR IN FINANCE

Required Courses	18
FIN 3100 Money, Banking, and Financial Markets (3)	
FIN 3820 Theory of Finance (3)	
FIN 3830 Financial Management (3)	
FIN 3920 Investment Analysis (3)	
ECO 4110 Public Finance (3)	
FIN 4200 International Finance (3)	

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.

	semester hours
Required Courses	15
ACC 2010 Principles of Accounting I (3)	
ECO 2050 Principles of Microeconomics (3)	
ECO 3120 International Trade and Policy Issues (3)	
FIN 4200 International Finance (3)	
SPA 3230 Business Spanish (3)	

Elective Courses (students choose at least one of the options below).	3
SPA 3010 Introduction to Hispanic Civilization (3)	
SPA 3030 Summer Immersion in Spain (3)	
SPA 3950 Special Topics in Spanish (3) (approval of two chairs)	
SPA 3840 Foreign Travel (3)	
SPA 4980 Study Abroad (3) (one semester or more in a Hispanic country)	
BUS 3950 Commerce in Mexico (3)	

MINOR IN LEADERSHIP STUDIES (Interdisciplinary)

The Department of Business and Economics collaborates with the Department of Nursing and several other departments to offer a minor in leadership studies. The minor comprises one required course and 15 hours of elective courses selected from the courses listed below, in at least three different disciplines.

Required Course	3
BUS/LDS 3750 Organizational Leadership (3)	

Elective Courses	15
(Students choose 15 hours from at least three different disciplines)	
BUS 3310 Principles of Management (3)	
(Students electing BUS 3310 may not also elect BUS 4500)	
BUS 3350 Keys to Success (3)	
BUS 3410 Conflict Management (3)	
BUS 3510 Human Resource Management (3)	
BUS 3620 Social Issues & Business Ethics in Management (3)	
BUS 4500 Organizational Behavior (3)	
(Students electing BUS 3310 may not also elect BUS 4500)	
COM 3400 Business & Professional Communication (3)	
COM 4400 Organizational Communication (3)	
ENG 3110 Women in Literature (3)	
HIS 3680/4680 Women in American History (3)	
PHI 3100 Contemporary Moral Problems (3)	
POL 3110 Introduction to Public Administration (3)	
PSY 3060 Cultural Diversity (3)	
PSY 3200 Health Psychology (3)	
PSY 4950 Human Motivation (3)	
SOC 3120 Community & Social Change (3)	
SOC 3310 Social Psychology (3)	
SOC 3400 Complex Organizations (3)	
SOC 3600 Sociology of Race & Ethnicity (3)	

MINOR IN MILITARY SCIENCE

Required Courses	18
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)

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:

- Accounting (6)
- Economics (3)

Foundations of Business: 12 semester hours in four areas selected from the following:

- Business Law
- Business Principles
- Human Resource Management
- Marketing
- Finance

Communication: 15 semester hours, one course in each area:

- Communications
- Business Systems and Procedures
- Computer Applications
- Word Processing and Information Systems
- Keyboarding (can be demonstrated by Proficiency Test or transfer credit)

Supervised Business Experience: 3 semester hours

- Cooperative Education
- Work Experience
- Observation

Internship

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

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

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 2020

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

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)

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: BUS 3180

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, execution, evaluation, and team management of large- and small-scale projects.

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)

Prerequisite: ECO 2050

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 3180: 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.

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 3350: 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.

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 BUS 3180

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)

Prerequisite: BUS 3180, ECO 2250, BUS 3310, ACC 2020 (ECO 2250 and ACC 2020 may be taken as a co-requisite.)

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

Co-requisite: COM 3450 or COM 3400 (must 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

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 General Education 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.

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 Economics and Financial 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 and finance as well as 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 and a grade of C or better in MTH 1010

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 206 and a grade of C or better in MTH 1010

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 2050

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: ECO 1050

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 2050 and 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 FINANCE

FIN 1020: Personal Finance (3)

An introduction to financial planning. Topics include money management and personal budgets, credit, insurance and investment vehicles such as stocks, bonds and mutual funds.

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: Theory of Finance (3)

Prerequisite or corequisite: BUS 2110 and grade of C or better in MTH 1010

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, prerequisite or corequisite: ACC 2020, BUS 2110, ECO 2250

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: ACC 2010, prerequisite or corequisite BUS 2110, ECO 2250

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 Finance (3)

Prerequisite: ECO 2060 and ECO 3120

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 MILITARY SCIENCE

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 (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 3110: Adaptive Tactical Leadership (3)

Prerequisite: MSC 1217 for a total of 4 credits, MSC 1210, MSC 1220, MSC 2110, 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 (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.

DEPARTMENT OF COMMUNICATION STUDIES

Chair: Rachel Tighe

Amy Clark, Randy Gilmer, Brittany Robertson

The Department of Communication Studies offers a major in Communication Studies.

APPLICATION PROCESS

Those who wish to earn the Bachelor of Arts degree 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 general education 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 4990 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:

CORE REQUIREMENTS semester hours

RESEARCH METHODS REQUIREMENTS 9

MTH 1180 Elementary Probability and Statistics (3) OR
AJU/PSY/SOCI 2030 Applied Statistics (3)
COM 3700 Quantitative Research Methods (3) OR
AJU/PSY/SOC 3030 Research Methods (3)
COM 3750 Qualitative Research Methods (3)

MAJOR CORE REQUIREMENTS 3

Three hours selected from the following:

COM 1000 Public Speaking (3) OR
THT 2201 Voice and Oral Interpretation (3)

All of the following courses: 24

COM 3100 Intro. to Journalism and Media Writing (3)
COM 3200 Media Studies (3)
COM 3300 Interpersonal Communication (3)
COM 3400 Business and Professional Communication (3)
COM 3500 Communication Theory (3)
COM 3990 Junior Seminar (2)
COM 4100 Practicum in Applied Communication (1)
COM 4500 Rhetorical Criticism (3)
COM 4990 Senior Capstone (3)

TOTAL, CORE REQUIREMENTS 36

Students who choose to major in Communication will complete an additional 12 hours from the following, to be selected in conference with their advisor:

COM 2050 Introduction to Rhetorical Studies (3)
COM 3110 Advanced Print Journalism (3)
COM 3120 Advanced Writing for Radio-TV-Film (3)
COM 3210 Introduction to Film Analysis (3)
COM 3220 Film and Video Production Techniques (3)
COM 3270 Topics in Film History (3)
COM 3450 Technical Writing (3)
COM 4000 Persuasion (3)
COM 4010 Introduction to Sociolinguistics (3)
COM 4250 Newsreal (3)
COM 4300 Nonverbal Communication (3)
COM 4310 Family Communication (3)
COM 4400 Organizational Communication (3)
COM 3960/4960 Special Topics in Communication (3)
COM 4870 & 4880 Cooperative Education Project (3)
COM 4900 Internship in Communication (3-6)
COM 4970 Independent Study in Communication (3)
PSY 3060 Cultural Diversity (3)
THT 3205 Playwriting (3)
THT 4000 Performance Studies (3)

TOTAL, MAJOR IN COMMUNICATION STUDIES

60-63

MINOR REQUIREMENTS

A minor includes at least 18 semester hours, 12 of which must be in courses at the 3000-level or above. Courses must be selected in consultation with the department chair. Students will complete 18 semester 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 semester hours of cooperative education, internship or independent study to satisfy requirements for the minor.

LICENSURE FOR TEACHING JOURNALISM OR SPEECH

Licensure in journalism or speech may be added to basic licensure in English by completing the appropriate coursework.

Journalism. Licensure to teach journalism may be obtained by completing 15 hours of COM courses, to include at least two of the following: COM 3100, COM 3110 or COM 3120, in addition to the prescribed program for English certification.

Speech. Licensure to teach speech may be added to the basic licensure in English by taking 15 hours of Communication courses, to include COM 1000, THT 2010, and COM 3300.

COURSES IN COMMUNICATION

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 3100: 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 3110: Advanced Print Journalism (3)

Prerequisite: COM 3100 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 3100 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 3200: Media Studies (3)

An introductory investigation into the history, values, processes, and effects of American mass media, with particular emphasis on film and television offerings and their relationships to print and online media forms. Course participants explore, from a cultural studies perspective, phenomena associated with the production, dissemination, and reception of media messages and their impact on individuals, institutions, and cultures. Film and television screenings comprise an essential component of this course.

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)

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 3300: 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 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, 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 3300 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 2030 or PSY 2030 or SOC 2030

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 and theoretical approaches to qualitative research (post-positivistic, interpretive, 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 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 3990: Junior Seminar (2)

Students are given an opportunity to demonstrate the critical thinking, writing, and presentation skills they have developed in their major via researching an original communication topic, writing a research proposal, and orally defending the proposal. Students will work with a faculty mentor to develop their topic, execute their research, and write their proposal.

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 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)

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 4990: Senior Capstone (3)

Prerequisite: COM 3990

This course serves as a capstone of the communication major. Students will examine in three four-week units the major areas of communication: rhetoric/public address; interpersonal/business communication; and journalism/media studies. Students will examine the factors that link the very diverse field of communication. In addition, students will either conduct the study proposed in COM 3990 or take a comprehensive essay exam. Both options will conclude with a written and oral presentation of the final product.

TEACHER EDUCATION PROGRAM

Director: Andy Cox

Students planning to teach must be admitted to the College and Teacher Education Program (TEP) as described below.

Students pursuing programs leading to an initial teacher license at either the elementary or secondary 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.

Students planning to teach at the Pre-K-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

Admission to UVa-Wise does not guarantee admission to the Teacher Education Program. Students seeking a license to teach in the public schools in Virginia must apply for and be granted admission to the TEP by the Teacher Education Admissions Committee. Application forms may be obtained from the Office of the Director of Teacher Education and should be submitted to that office upon completion. Students who have completed 30 or more semester hours of course work 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; students holding a degree must complete all requirements for admission to the TEP by the conclusion of their second semester enrolled at the college. All students admitted to the TEP are required to complete at least three education courses on campus (which may include courses taught at the UVa-Wise Abingdon Center 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. After initiating the application process, students should periodically contact the Director of Teacher Education to review the status of their candidacy. The Teacher Education Admissions Committee will interview those students who have been identified as eligible for admission. To be considered eligible, students must present evidence of the following to the Director of Teacher Education:

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 course work completed at UVa-Wise and an overall cumulative grade point average of 2.5 or better from all colleges and universities attended;
4. Written recommendations from: a. The chair of their major academic department at UVa-Wise and the department which offers an approved program of study appropriate for the teaching licensure being sought. A recommendation from the appropriate department is also required for students seeking licensures in additional teaching areas. b. Four college instructors (including at least two members of the UVa-Wise faculty) who have observed and assessed the candidate's performance as a student;
5. Completion of EDU 2510, Foundations and Development of American Education, with a recorded grade of "C-" or better; and
6. Passing scores on the required assessments for program admission: the VCLA and the PRAXIS I (PPST) math. The candidate should complete these assessments by the end of the sophomore (or second) year at UVa-Wise. If students do not pass the PRAXIS I math assessment, they may take EDU 3021 and must achieve a grade of "B" or better to meet the math proficiency standard. Students must pass both reading and writing subtests of the VCLA or achieve a composite passing score for the tests, which must include a passing score on the writing test. However, if a student achieves a composite passing score but does not achieve a passing score in writing, the student must submit an essay on an assigned topic to the Director of the TEP and the Chair of the Teacher Education Admissions Committee for evaluation.

Students who have taken the SAT before April 1, 1995, and achieved a score of 1,000 (450 minimum verbal and 510 minimum math) or students who have taken the SAT after April 1, 1995, and achieved a score of 1,100 (530 minimum verbal and 530 minimum math) are not required to take the PRAXIS I math

or the VCLA for program admission. However, those meeting the assessment requirement for program admission with substitute SAT or ACT scores **must** take the VCLA to meet admission requirements to the Teaching Internship and for licensure application.

The purpose of the Teacher Education Admissions Committee is to assure that students who are admitted and remain in the TEP possess the personal, social, and intellectual characteristics required to successfully complete their academic and professional studies and to become effective teachers. The Teacher Education Admissions Committee then recommends, defers or denies admission to the Teacher Education Program. If the Teacher Education Admissions Committee determines that a candidate exhibits any deficiencies with regard to the above criteria, it may prescribe specific conditions that must be met before full admission is granted. Students who have been denied full admission to the TEP cannot take classes that require TEP admission nor enroll in the teaching internship. After receiving full admission to the TEP, each student's academic progress, personal conduct, and professional development will be monitored.

EXPECTATIONS FOR STUDENTS REGARDING PROFESSIONAL DISPOSITIONS

Students enrolled in the TEP are considering 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 student learning, motivation, and development. Of particular concern to the Department of Education are students 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 students seeking to be admitted to or already admitted to the TEP will be taken into account during the application process and during the duration of the student's enrollment in the Program.

To document such negative dispositions, teaching faculty will share and discuss a completed Professional Dispositions Report with the student and send a copy of the report to the Director of Teacher Education, documenting the behavior(s) that, in the professional judgment of the instructor, need(s) improvement. Once the Director of Teacher Education receives a report, he will contact the student and advise the student of the risk of denial of admission to or, if already admitted, withdrawal from the TEP if the student does not demonstrate improvement in the specified disposition(s). A total of three reports from two or more instructors will constitute a pattern of such behaviors and provide the basis for denial of admittance or continued enrollment in the TEP.

* Students 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 students must be fully admitted to the Teacher Education Program to be eligible to enroll in Intern Teaching.

ADMISSION TO THE TEACHING INTERNSHIP

Students 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 better in all course work completed at UVa-Wise and an overall cumulative grade point average of 2.5 or better from all colleges and universities attended;
3. Satisfactory completion of the professional education courses which are requirements for the prerequisite to the teaching internship.
4. Satisfactory completion of at least six semester hours of course work on the main campus at UVa-Wise;

5. Completion of all general education requirements prescribed by UVa-Wise;
6. Receive the tuberculin test, which can be administered by the College's Health Services nurse or physician. The TB test must be completed less than one year prior to the date on which the internship experience will begin;
7. Demonstration of interpersonal skills required to establish and maintain successful professional relationships with the pupils, parents, teachers and supervisors in the school community;
8. Earn a grade of "C-" or better in all professional education courses; and
9. Submit passing scores for the appropriate PRAXIS II Specialty Area Test, the VCLA, and the RVE, if required.
10. Completion of background check and fingerprinting, prior to beginning internship.

Students who have appropriate professional work experience and have completed the prescribed course of study may apply for a waiver of the teaching internship. Each application will be considered on an individual basis.

Upon successful completion of the teaching internship and all other requirements for the degree and teaching license, students are advised to complete an application for a teaching license. The licensure application, when completed, must be returned to the Director of Teacher Education and submitted on behalf of the student from UVa-Wise. Applications are available in the Office of the Director of Teacher Education.

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 Academic Dean.

PROFESSIONAL TEACHER'S ASSESSMENT FOR LICENSURE

All prospective teachers applying for admission to the TEP are now required to take the PRAXIS I math assessment and the VCLA, which is also a required licensure assessment in reading and writing. Those students who fail to achieve a passing score on the PRAXIS I math assessment may satisfy this requirement by completing a remediation course with a minimum grade of "B" in the basic skill area(s) identified.

Students must pass the VCLA to meet both program admission and licensure standards. Students must pass both the reading and writing subtests of the VCLA or meet the passing composite score, which must include a passing score on the writing test. However, if a student achieves a composite passing score but does not achieve a passing score in writing, the student must submit an essay on an assigned topic to the Director of the TEP and the Chair of the Teacher Education Admissions Committee for evaluation. In addition to successfully completing the VCLA, all TEP completers must also pass the appropriate PRAXIS II Specialty Area test, if required for licensure. Additionally, prospective special education and PK-6 teachers must take and pass the Reading for Virginia Educators (RVE) assessment. All licensure assessments, including the RVE, the VCLA, and the PRAXIS II Specialty test, must be completed before the student is admitted to the teaching internship. Scores on all tests must be sent to UVa-Wise and/or be on file with the Director of Teacher Education before a recommendation for licensure can be transmitted to the Virginia Department of Education.

The UVa-Wise TEP is approved by the Commonwealth of Virginia and accredited by the Teacher Education Accreditation Council (TEAC).

NON-DEGREE STATUS STUDENTS SEEKING LICENSURE

Students who have a bachelor's degree and who are seeking an initial license to teach without getting a master's degree may apply for admission to the TEP. Students 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. Students who do not have a degree in the area of intended endorsement may need to take additional academic course work to meet the Virginia standards. An advisor in the Education Department will meet with prospective students to evaluate their course work and to determine any academic content courses which may be required.

TEACHING ENDORSEMENT AREAS

Endorsements	Grade Levels
Career and Technical Education	6-12
Business and Information Technology	
Driver Education (add-on endorsement)	6-12
Elementary Education	Pre-K-6
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	6-12
Biology	
Chemistry	
Earth Science (add-on endorsement)	
Special Education-General Curriculum	K-12
Theater Arts	Pre-K-12

DEPARTMENT OF EDUCATION

Chair: R. Jeffrey Cantrell

Education Faculty: Jewell Askins, Priscilla Brame, Andy Cox, Sandra Richardson, Wayne Wheatley

Library Media Faculty: Robin Benke, Shannon Steffey, Amelia VanGundy, Angela Harvey

Physical Education Faculty: William Banner, Lee Clark, Christopher Davis, Ryan Georgi, John Kuczko, Dewey Lusk, Kendra Potter, Kendall Rainey, Danny Sterling

Director of Teacher Education: Andy Cox

Director of Reading Clinic: R. Jeffrey Cantrell

State approved programs leading to licensure to teach in the elementary, middle and secondary schools in Virginia are offered at The University of Virginia's College at Wise. A complete listing of the licensure

areas available may be found on the preceding pages.

Students 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. The students should contact the Director of Teacher Education for assistance in determining their appropriate program. Students are advised to contact their academic department concerning departmental regulations relative to teacher education. Students desiring a Liberal Arts and Science major (Pre-K-6 or Special Education) should consult with the Chair of the Department of Education for assignment of an advisor in the Department of Education.

BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES LICENSURE REQUIREMENTS

ELEMENTARY EDUCATION, PRE-K-6

SPECIAL EDUCATION, K-12

HEALTH AND PHYSICAL EDUCATION, PRE-K-12

The major is designed for students seeking an elementary education endorsement to teach at the Pre-K-6 and Pre-K-12 levels.

Students are required to complete the 74-75 semester hour core requirement, at least one concentration selected from general language and literature, general mathematics, general science, history/ social science and the professional education component. The core requirements for this program also satisfy the general education requirements described previously in this catalog.

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.

Core Requirements

The completion of the following core requirements will satisfy the general education requirements.

	semester hours
LANGUAGE ARTS	15
ENG 1010/1020 Composition (6)	
Literature (3)*	
(*Students may select literature options from English courses numbered 2120 through 3260, and literature courses taught by foreign language faculty. Non-literature courses may not be used to satisfy this requirement.)	
COM 1000 Public Speaking (3)	
EDU 3470 Exploring the Language Arts through Children's Literature (3)	
COMPUTER LITERACY	3
CSC 1100 Computer Literacy (may test out) (3)	
HISTORY	9
HIS 1010/1020 Western Civilization (6)	
HIS 1070 or 1080 American History (3)	
MATHEMATICS	12-13
MTH 1000 Introduction to Algebra and Trigonometry (4), OR	
MTH 1010 College Algebra (3), OR	
MTH 1110 Pre-Calculus I (3) OR	

MTH 1210	Pre-Calculus II (3)	
AND		
MTH 1150	Applications of Mathematics (3)	
MTH 2010	Euclidean Geometry (3)	
MTH 2020	Problem Solving (3)	

semester hours

SCIENCE		14
SCI 3000	Intro to Science Education (2)	
SCI 3010	Physical Science (4)	
SCI 3020	Earth Science (4)	
SCI 3030	Life Science (4)	

FOREIGN LANGUAGE 6

Students must complete a 6-semester-hour introductory sequence in a foreign language. 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.

ARTS 3

Art, Music or Theatre (3)

Three semester hours are to be selected from art, dance, music and theatre. Students may select any combination of three hours (e.g., three 1-semester-hour courses or one 3-semester-hour course) to meet this requirement.

SOCIAL SCIENCES 9

ECO 2550	Basic Economics and Financial Concepts (3)
GEO 2020	Cultural Geography (3)
POL 1010	American National Politics and Political Systems (3)
PSY 3600*	Human Growth and Development (3)

*PSY 3600 is required only for those students seeking an endorsement in an area of Special Education.

PHYSICAL EDUCATION 1

Two, 0.5-semester-hour courses or one, 1-semester-hour credit course, to be selected from Physical Education Activity Courses (Basic Skills.)

FRESHMAN SEMINAR 2

SEM 1010 (1), 1020 (1)

TOTAL, CORE REQUIREMENTS 74-75

CONCENTRATION

The student must complete one of the following four concentrations:

LANGUAGE AND LITERATURE CONCENTRATION 24

ENG 3000	Introduction to Literature (3)
ENG 3050	Western Literary Tradition (3)*
ENG 3270	Survey of British Literature I (3)
EDU 3400	Young Adult Literature (3)
ENG 3410	Study of the English Language (3)
ENG 3420	History of the English Language (3)

- Two courses selected from the following:
 ENG 3280 Survey of British Literature II (3)
 ENG 3810 American Prose and Poetry I (3)
 ENG 3820 American Prose and Poetry II (3)

*Will satisfy the literature requirement in the core.

semester hours
 26-28

MATHEMATICS CONCENTRATION

- MTH 1150 Applications of Mathematics (3)
 MTH 1210 Pre-Calculus II (3)*
 MTH 1180 Elementary Probability and Statistics (4)
 MTH 3030 Linear Algebra for Teachers (3)
 MTH 3050 History of Mathematics for Teachers (3)
 MTH 2040 Calculus I (4)
 At least 6 hours selected from the following:
 MTH 2050 Calculus II (4)
 MTH 3060 Calculus III (4)
 MTH 3120 Introduction to Geometry (3)
 MTH 3200 Introduction to Number Theory (3)
 MTH 3250 Probability and Statistic I (3)
 MTH 3310 Introduction to Mathematical Proofs (3)
 MTH 4100 Set Theory (3)
 CSC 1180 Fundamentals of Computer Programming in C/C++ (4)
 CSC 2810 Data Structures (3)
 CSC 3300 Fundamentals of Computer Science (3)
 CSC 3600 Operations Research (3)
 CSC 3710 Discrete Structures (3)

*Will partially satisfy the mathematics requirement in the core

GENERAL SCIENCE CONCENTRATION

34

- SCI 3000 Introduction to Science Education (2)*
 SCI 3010 Physical Science (4)*
 SCI 3020 Earth Science (4)*
 SCI 3030 Life Science (4)*
 AST 1010 Introduction to Astronomy (3)
 AST 1011 Introduction to Astronomy Lab (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)
 GEO 1010 Physical Geology (4)
 PHY 1010 Introduction to Physics I (3)
 PHY 2010 General Physics Lab I (1)

*Will satisfy the natural science requirements in the core.

HISTORY/SOCIAL SCIENCE CONCENTRATION

30

- HIS 1010 Western Civilization I (3)*
 HIS 1020 Western Civilization II (3)*
 HIS 1070 American History I (3)*
 HIS 1080 American History II (3)

Cross-cultural history course selected from the following (3):

HIS 3120, 3160, 3170, 3230, 3260, 3370

History elective at the 300 level or higher (3)

POL 1010 or POL 1020 (3)

At least two courses selected from the following (6):

POL 3050, 3060, 3220, 3610, 3810

Upper-level selection from History, Political Science,
Psychology, or Sociology (3)

*Will satisfy History requirement in the core

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.

EDU 2510 Foundations and Development of American Education (2)

EDU 3300 Educational Technology (3)

EDU 3450 Foundations of Reading Instruction (3)

EDU 3600 Human Growth and Development (3)

EDU 3690 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)

TOTAL, PROFESSIONAL EDUCATION

36

Suggested Semester Schedule for Liberal and Arts and Science Major: Elementary Education

First Year: Fall Semester (16)

Spring Semester (16.5)

ENG 1010: English Composition (3)

ENG 1020: English Composition (3)

MTH 1010 (3)

MTH 1150 or 1180 (3)

Foreign Language (3)

Foreign Language (3)

Freshman Seminar (1)

COM 1000 (3)

Art/Music/Theater (3)

PED (.5)

HIS 1010 (3)

HIS 1020 (3)

Freshman Seminar (1)

Sophomore Year: Fall (16)

Spring Semester (16.5)

EDU 2510 (2)

EDU 3690 (3)

Literature (3)

GEO 2020 (3)

CSC 1100 (3)

ECO 2550 (3)

SCI 3000 (2)

SCI 3010 (4)

HIS 1070 or 1080 (3)

Concentration (3)

Concentration (3)

PED (.5)

Junior Year: Fall (16)

Spring Semester (16)

EDU 3470 (3)	EDU 3450 (3)
EDU 3600 (3)	SCI 3030 (4)
EDU 3020 (3)	MTH 2010 (3)
EDU 4080 (3)	Concentration (3)
SCI 3200 (4)	Concentration (3)

Senior Year: Fall (18)	Spring Semester (13)
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EDU 4100 (3)	EDU 4945 (12)
EDU 4460 (3)	EDU 4090 (1)
MTH 2020 (3)	
Concentration (3)	
Concentration (3)	
Concentration (3)	

TOTAL SEMESTER HOURS	128
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Concentration hours may vary depending upon area of concentration.

TEACHING ENDORSEMENT FOR SECONDARY EDUCATION, 6-12

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.

- EDU 2510 Foundations and Development of American Education (2)
- EDU 3580 Reading 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)
- EDU 4820* Design and Development of Instruction in Grades 6-12 (3)
- PSY 4740 Adolescent Psychology (3)
- EDU 4946 Teaching Internship: Middle and Secondary Grades 6-12 (12)

TOTAL, SECONDARY EDUCATION	30
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*Those TEP candidates seeking a license in mathematics are required to take EDU 4820, but those candidates seeking a license in the areas of business education, history and social sciences, the sciences, English, foreign language, or Health and PE are required instead to take one of the following respective methods courses: Business education candidates are required to take EDU 4800: Methods of Teaching Business Subjects; history and social sciences candidates are required to take HIS 302: Social Studies Teaching; biology, chemistry, or earth science candidates are required to take SCI 4400: Methods for the Secondary Science Teacher; English candidates are required to take ENG 3430/EDU 3590: Teaching

Writing; foreign language candidates are required to take FRE 4150: Foreign Language Teaching or SPA 3820: Methodology of Teaching Spanish; music candidates are required to take MUS 4610: Secondary Music Methods Choral or MUS 4620: Secondary Music Methods Instrumental; and Health and PE candidates are required to take HED 4710: Methods of Teaching Health.

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 general education requirements, an appropriate major offered by the College, and the professional studies and teaching internship requirements.

SPECIAL EDUCATION LICENSURE PROGRAM, 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 Sciences Degree Program.

The core requirements of the Liberal Arts and Sciences degree, which include the General Education Requirements, one of the four concentrations of the Liberal Arts and Sciences Program (General Language and Literature, General Mathematics, General Science, and History/Social Science), and the professional studies requirements for special education certification must be completed.

	semester hours
SPECIAL EDUCATION K-12	
GENERAL CURRICULUM	
General Education/Core Requirements	74-75
Concentration	24-34
Professional Studies Requirements:	36
EDU 2510 Foundations & Development of American Education (2)	
EDU 3450 Foundations of Reading Instruction (3)	
EDU 3680 Characteristics of Cognitive Disabilities (4)	
EDU 3690 Inclusion of Exceptional Children in the Regular Classroom (3)	
EDU 3750 Psychoeducational Diagnosis of Exceptional Children (3)	
EDU 3810 Diagnostic-Remedial Instruction for Students with Learning and Behavioral Problems: Elementary Level (2)	
EDU 3820 Diagnostic-Remedial Instruction for Students with Learning and Behavioral Problems: Secondary Level (4)	
EDU 4080 Classroom Management and Discipline (3)	
EDU 4943 Teaching Internship in Special Education (12)	
Other requirements	6
PSY 3600* Human Growth and Development (3)	

PSY 3790* Characteristics of the Behaviorally
Disordered (3)

*Courses required in the General Education Core.

TOTAL, SPECIAL EDUCATION K-12 140-151

Suggested semester schedule for Liberal and Arts and Science Major: Special Education General Curriculum

First Year: Fall Semester (16.5)

ENG 1010: English Composition (3)
MTH 1010 (3)
Foreign Language (3)
Freshman Seminar (1)
Art/Music/Theater (3)
HIS 1010 (3)
PED (.5)

Spring Semester (19)

ENG 1020: English Composition (3)
MTH 1150 or 1180 (3)
Foreign Language (3)
COM 1000 (3)
HIS 1020 (3)
Concentration (3)
Freshman Seminar (1)

Sophomore Year: Fall (17)

EDU 2510 (2)
Literature (3)
EDU 3690 (3)
SCI 3000 (2)
HIS 1070 or 1080 (3)
EDU 3680 (4)

Spring Semester (16.5)

PSY 3600 (3)
EDU 3470 (3)
ECO 2550 (3)
SCI 3010 (4)
PSY 3790 (3)
PED (.5)

Junior Year: Fall (18)

Concentration (6)
EDU 3810 (2)
CSC 1100 (3)
SCI 3020 (4)
EDU 3450 (3)

Spring Semester (18)

EDU 3820 (4)
SCI 3030 (4)
MTH 2010 (3)
EDU 3680 (4)
Concentration (3)

Senior Year: Fall (18)

EDU 3750 (3)
GEO 2020 (3)
MTH 2020 (3)
EDU 4080 (3)
Concentration (6)

Spring Semester (12)

EDU 4943 (12)

TOTAL SEMESTER HOURS

135*

*Concentration hours may vary depending upon area of concentration.

HEALTH AND PHYSICAL EDUCATION

The major is designed for students seeking careers in health and physical education, in one of two concentrations. One concentration is designed for students seeking a health and physical education endorsement to teach PreK-12 levels. The other concentration is designed for students seeking careers in sport management. All health and physical education majors are required to complete the 53 semester hours of general education requirements, and the 32 semester hour major requirement. Students seeking the PreK-12 endorsement will be required to complete a 41 semester hour concentration leading to the teacher licensure requirement. Sport Management students will be required to complete a 35 semester hour concentration.

The department also offers a minor in coaching. This 22 credit hour minor is primarily designed for students who wish to teach in fields other than health and physical education but want to coach in the public schools.

GENERAL EDUCATION	semester hours
	53

MAJOR REQUIREMENTS FOR HEALTH AND PHYSICAL EDUCATION	32
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HED 2210 Personal Health (2)
HED 2220 School and Community Health (1)
(Four activities courses, 0.5 hours each) (2)
PED 3000 Safety Education and First Aid (3)
PED 3110 Motor Learning (3)
PED 3120 Skills/Techniques of Teaching Team and Individual Sports (3)
PED 3240 Foundations and Trends in Physical Education (3)
PED 3500 Human Anatomy for the Physical Educator (3)
PED 3510 Evaluations in Physical Education (3)
PED 3600 Exercise Physiology (3)
PED 3650 Kinesiology (3)
PED 4110 Organization and Administration of
Physical Education Programs (3)

CONCENTRATION LEADING TO TEACHER LICENSURE	38
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PED 1430 Backpacking (.5) OR
PED 1503 Camping (.5)
PED 2810, 2820 Aerobics (.5) OR
PED 2830 Dance (.5)
PED 3030, 3130, 3330 Aquatics (at least one hour) (1)
EDU 2510 Foundations and Development of American Education (2)
EDU 3580 Reading and 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 Tests and Measurements (1)
PED 3200 Physical Education Activities for the Elementary School (3)
PED 4000 Adaptive Physical Education (3)
PSY 4720 Child Development (3) OR
PSY 4740 Adolescent Development (3)

HED 4710 Methods of Teaching Health (3)
EDU 4943 Teaching Internship in Physical Education (12)

TOTAL, HEALTH & PHYSICAL EDUCATION 123

SPORT MANAGEMENT CONCENTRATION

PED 3410 Sport in Society (3)
PED 3420 Sport Information Management (3)
PED 3430 Sport Ethics (3)
PED 3440 Event and Facility Management (3)
BUS 3180 Principles of Marketing (3)
BUS 3460 Entrepreneurship (3)
BUS 3150 Commercial Law (3)
PED 3480 The Sport Enterprise (3)
PED 3490 Sport Governance (3)
PED 4940 Sport Management Internship (8)

TOTAL, SPORT MANAGEMENT CONCENTRATION 35

MINOR IN COACHING

PED 3000 Safety Education and First Aid (3)
PED 3240 Foundations and Trends in Physical Education (3)
PED 3300 Coaching Methodology (3)
PED 3310 Sport Specific Skills, Tactics and Strategies I (2)
PED 3320 Sport Specific Skills, Tactics and Strategies II (2)
PED 3410 Sport in Society (3)
PED 3650 Kinesiology (3)
PED 4110 Organization and Administration of
Physical Education Programs (3)

TOTAL, COACHING MINOR 22

Note: Circumstances may allow PED 3400: Basic Athletic Training to substitute for PED 3000, if the student also receives first aid certification. PED 3600: Exercise Physiology can substitute for PED 3650.

Suggested semester schedule for Health and Physical Education-Teacher Education:

FRESHMAN - 33 hours

Fall Semester	Spring Semester
Gen Ed (Bio)	PED 3240 (3)
Gen Ed	Gen Ed
Gen Ed	Gen Ed
Gen Ed	Gen Ed
Gen Ed	Gen Ed
Freshman Seminar (1)	Freshman Seminar (1)

SOPHOMORE - 31 hours

Fall Semester	Spring Semester
PED 3500 (3)	PED 3110 (3)

PED 3000 (3)
EDUC 3580 (3)
HED 2210/2220 (3)
PED activities
EDU 2510 (2)

PED 3120 (3)
PED 3200 (3)
PED 3650 (3)
GEN ED
PED activities

JUNIOR - 32 hours

Fall Semester
PED 3510 (3)
PSY 4720 or 4740 (3)
EDU 3690 (3)
Gen Ed
Gen Ed
PED activities

Spring Semester
PED 3600 (3)
HED 4710 (3)
PED 4000 (3)
Gen Ed
Gen Ed
PED Activities

SENIOR - 27 hours

Fall Semester
(Take Praxis II, and VCLA)
PED 4110 (3)
EDU 4080 (3)
Gen Ed
Gen Ed

Spring Semester
EDU 4090 (1)
EDU 4943 (12)

TOTAL SEMESTER HOURS: 123

Suggested semester schedule for Health and Physical Education - Sport Management

FRESHMAN - 33 hours

Fall Semester
GEN ED
GEN ED
GEN ED
GEN ED
GEN ED
Freshman Seminar (1)

Spring Semester
PED 3240
GEN ED
GEN ED
GEN ED
PED activities
Freshman Seminar (1)

SOPHOMORE - 27 hours

Fall Semester
PED 3410 (3)
PED 3500 (3)
PED 3000 (3)
HED 2210/2220 (3)

Spring Semester
PED 3110 (3)
PED 3120 (3)
PED 3650 (3)
PED 3420 (3)
GEN ED (3)

JUNIOR - 31 hours

Fall Semester
PED 3430 (3)
BUS 3180 (3)
BUS 3150 (3)
PED 3510 (3)
GEN ED (3)

Spring Semester
PED 3440 (3)
PED 3600 (3)
GEN ED (3)
GEN ED (3)
GEN ED (3)

PED activities (1)

SENIOR - 29 hours

Fall Semester	Spring Semester	OR Summer
PED 4110 (3)	BUS 3460 (3)	PED 4940 (8)
PED 3490 (3)	PED 3480 (3)	
GEN ED (3)	PED 4940 (8)	
GEN ED (3)		
GEN ED (3)		

TOTAL SEMESTER HOURS 120

LIBRARY MEDIA - PRE-K-12 (ANY UVA- WISE MAJOR)

Library media licensure may be added to any major by completing the requirements outlined below:

	semester hours
General Education Requirements	53
Major Requirements	36-67
Additional requirements for Library Media licensure:	27
EDU 3260 Design, Production, and Evaluation of Instructional Media (3)	
EDU 3300 Educational Technology (3)	
EDU 3400 Young Adult Literature (3)	
EDU 3610 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)	
Professional Studies Requirements	12
EDU 2510 Foundations and Development of American Education (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)	
TOTAL, LIBRARY MEDIA PREK-12	128-159

MINOR IN LIBRARY MEDIA

Students who are seeking a non-teaching minor in library media must complete the following courses:

LIB 3100 Reference and Bibliography (3)
LIB 3200 Technical Services (3)
LIB 3300 School Library Administration (3)
EDU 3260 Design, Production, and Evaluation of Instructional Media (3) OR
EDU 3300 Educational Technology (3)
EDU 3400 Young Adult Literature (3)
EDU 3610 Children's Literature (3)

DRIVER EDUCATION

A student seeking an add-on endorsement in driver education shall complete the following:

	semester hours
General education requirements	53
Major requirements (Total hours dependent on major selected)	36-67
An endorsement in a secondary or Pre-K-12 subject area (includes professional education requirements)	26-30
EDU 3040 Introduction to Driver Education: Driver Task Analysis	3
EDU 3060 Driver Education Instructional Principles	3

TOTAL, DRIVER EDUCATION

121-156

COURSES IN EDUCATION

EDU 2510: Foundations and Development of American Education (2)

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 (1, 2, 3)

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)

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 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 for 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. A number of 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 for all students seeking licensure in library science. The course may not be used to satisfy general education 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 Pre-K-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, 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 PreK-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 extensive study on understanding the characteristics of intellectual disabilities, teaching and training approaches for school children with intellectual disabilities. This course requires 20 hours of a 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 (2)

Prerequisite: 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 (4)

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 also 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 team work, 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 among 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 PreK-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 PreK-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 upon 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 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 observation in middle or secondary education setting.

EDU 4941, 4942: Teaching Internship-Special Topics (6)

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 Pre-K-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

HED 2020: Emergency Medical Training (3)

Instruction, demonstrations and practical work regarding safe and unsafe practices with a view to reducing accidents as well as learning the correct emergency aid of injured persons until medical help can be obtained.

HED 2210: Personal Health (2)

Designed to meet the health needs and interests of college students in their present environments and prepare them for future responsibilities.

HED 2220: School and Community Health (1)

An overview of the problems and practices associated with school and community health care programs.

HED 4710: Methods of Teaching Health (3)

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

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 2060: Medical Libraries (1)

Not for students pursuing the library media program of study. An introduction to the basic bibliographies, reference works, and routines used in medical libraries.

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

PED 3000: Safety Education and First Aid (3)

A study of safety and first aid designed to prepare students to teach safety education and to administer first aid.

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)

Current theories and principles explaining motor behavior and the psychological factors related to and effecting motor skill acquisition and performance.

PED 3120: Skills and Techniques in Teaching Team and Individual Sports (3)

Instruction in the methods of teaching the skills and techniques of physical education and athletic activities.

PED 3200: Physical Education Activities for the Elementary School (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 a field experience of 10 observational hours in a classroom setting.

PED 3240: Foundations and Trends in Physical Education (3)
History, principles, philosophies, and trends in the fields of physical education.

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 3310: Sport Specific Skills, Tactics and Strategies I (2)
Skill techniques, strategies and rules required for performance in a variety of established sports. One of the following sports will be taught, on a rotating basis. Football, Volleyball, Basketball, Track & Field, Baseball, Softball, Tennis, Golf, and Strength and Conditioning.

PED 3320: Sport Specific Skills, Tactics and Strategies II (2)
Skill techniques, strategies and rules required for performance in a variety of established sports. One of the following sports will be taught, on a rotating basis. Football, Volleyball, Basketball, Track & Field, Baseball, Softball, Tennis, Golf, and Strength and Conditioning.

PED 3400: Basic Athletic Training (3)
This course will describe what an athletic trainer is and does, how to become certified and the basic anatomy needed to evaluate and treat injuries. Special consideration will be given to taping and bracing for injury prevention.

PED 3410: Sport in Society (3)
Prerequisite: PED 3240
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 3420: Sport Information Management (3)
Prerequisite: PED 3240
Theoretical and practical elements concerning operation, design, and production systems, demand forecasting and resource management. This course covers issues such as sport brochures, press releases, sponsorship, event management, statistical analysis and public relations.

PED 3430: Sport Ethics (3)
Prerequisite: PED 3240
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)
Prerequisite: PED 3240
A study of current issues and trends that concern the management of sport 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 3480: The Sport Enterprise (3)
Prerequisite: PED 3240
A study of the sport industry, and the economic principles as they apply to sport. Issues will include the economic impact of sport on an institution, the community and society.

PED 3490: Governance in Sport (3)

Prerequisite: PED 3240

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 sport and the parameters of their administration.

PED 3500: Human Anatomy for the Physical Educator (3)

A study of the structure of the human body and its role in physical activity.

PED 3510: Evaluations in Physical Education (3)

Prerequisite: PED 3240

Analysis of tests and measurements in physical education. Emphasis on the selection, administration, evaluation, and methods of using results of various tests.

PED 3600: Exercise Physiology (3)

Recommended: BIO 1030/1130, BIO 1040/1140, and PED 3500

The scientific study of human functions, cellular response, and tissue adaptations under the stress of muscular activity.

PED 3650: Kinesiology (3)

Recommended: BIO 1030/1130, BIO 1040/1140, and PED 3500

The study of the mechanics of the musculoskeletal system and their application to sports and games.

PED 4000: Adaptive Physical Education (3)

Examination of the concepts and organization of activities in physical education for the individual with disabilities and the atypical. The scope and function of therapeutic recreation service in the rehabilitation process will be studied.

PED 4110: Organization and Administration of Physical Education Programs (3)

Prerequisite: PED 3240

Analysis and discussion of the various aspects of school programs of physical education, intramurals, and recreational activities.

PED 4940: Sport Management Internship (8)

Prerequisite: Senior status

A senior level field experience required of all sport 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: Physical Education Activity Courses (Basic Skills)

Offered for credit/no credit only. Most activities courses are taught for eight weeks and 0.5 semester hour credit is awarded for satisfactory completion of a course. Courses which meet for a full semester and carry a full semester hour of credit are followed by (1). NOTE: The same PED basic skills activities course (including Special Topics courses) may be repeated for credit with a total of 1 credit hour allowed for meeting the PED general education requirement.

Aerobics 2810, 2820

Archery 1030

Backpacking 1430

Badminton 1130
 Basketball 2610
 Camping 1530
 Conditioning 2430
 Dance 2830
 Golf (Beginning) 1230
 Golf (Intermediate) 1930
 Gymnastics 1830
 General Recreation 2630
 Self-Defense 2530, 2540
 Softball 2730
 Swimming (Beginning) 2030
 Swimming (Intermediate) 2930 (Prerequisite: Demonstration of swimming ability)
 Advanced Swimming and Diving 3030 (Prerequisite: Demonstration of swimming ability)
 Advanced Life Saving 3130 (1) (Prerequisite: Demonstration of swimming ability)
 Water Safety Instructor 3330 (1) (Prerequisite: PHYE 3130 and demonstration of swimming ability.)
 Entire semester required.
 Tennis (Beginning) 1330
 Tennis (Intermediate) 1730
 Volleyball 2230
 Special Topics in Physical Education 1950, 1960 (0.5 or 1, 0.5 or 1)

DEPARTMENT OF HISTORY AND PHILOSOPHY

Chair: Thomas M. Costa

Mark W. Clark, Donald Leech, Brian McKnight, Jennifer Murray, David L. Rouse, Cynthia Wilkey, Witold Wolny

The Department of History and Philosophy offers a history major for the Bachelor of Arts degree. It also offers minors in history, philosophy and religious studies which 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.

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.

All majors in history seeking a license to teach with an endorsement in history and social science must complete HIS 3630/4630: History of Virginia, and, in addition to other history courses, 18 credit hours in political science, six credit hours in geography, and six credit hours in economics. 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

Major Requirements

	semester hours
HIS 1010, 1020 History of Western Civilization (6)	
HIS 1070, 1080 American History (6)	
HIS 3000 Introduction to History Research and Writing (3)	
History electives at 3000-level (18)	
History electives at 4000-level* (3)	

TOTAL, HISTORY MAJOR

36

History courses at the 3000/4000-level are grouped into three subject areas: U. S. history, European history, and cross-cultural studies.

U.S. history courses include courses numbered from HIS 3600/4600 through HIS 3920/4920.

European history courses include HIS 3930/4930 and all courses numbered from HIS 3310/4310 through HIS 3560/4560.

Cross-cultural studies courses include HIS 3120/4120 through HIS 3300/4300 and HIS 3770/4770.

Students majoring in history must take at least one 3000-level course (not HIS 3000) in each of the three subject areas, with no more than four courses in one area counting toward fulfilling history major requirements.

The 4000-level courses require a research paper in addition to regularly required work. HIS 3000 is a prerequisite for the 4000-level course. The 4000-level course cannot be in the same subject area as HIS 3000. Both courses must be completed with a minimum grade of C-, and both constitute the major's senior project (capstone) requirement.

MINOR REQUIREMENTS

A minor in history consists of HIS 3000 and 15 additional semester hours, at least nine of which must be in 3000- or 4000-level courses.

A minor in philosophy consists of 18 semester hours, at least 12 of which must be in 3000- or 4000-level courses.

A minor in religious studies consists of REL 3000 and 15 additional hours in REL, at least 9 of which must be 3000- or 4000-level courses. Courses from PHI, HIS, or other disciplines may satisfy the requirements with the approval of the department.

COURSES IN HISTORY

HIS 1010: History of Western Civilization I (3)

The historical development of western institutions, ideas and cultures from antiquity to modern times.

HIS 1020: History of Western Civilization II (3)

The historical development of western institutions, ideas and cultures from antiquity to modern times.

HIS 1070: American History I (3)

Development of the colonies and their institutions, the Revolution, formation and organization of the Republic, the Civil War, the Reconstruction period, economic development, international affairs, the two World Wars.

HIS 1080: American History II (3)

Development of the colonies and their institutions, the Revolution, formation and organization of the Republic, the Civil War,

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. This course requires 20 hours field experience/observation in a 6-12 school setting.

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 3170/4170: Africa in the Age of Imperialism (3)

A study of Africa since 1800 with an emphasis upon the effects of imperialism, nationalism, and decolonization.

HIS 3230/4230: Expansion of Europe (3)

A world-ranging survey of the impact of European expansion, trade, technology and ideas upon India, America, China, Japan, the Pacific and Africa since the 15th century, examining the modern history of colonization, imperialism, nationalism, and de-colonization around the world and the interconnections of Europeans and non-Europeans in the growth of a modern world system.

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 on 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 3400/4400: Early Modern Europe from 1400 to 1648 (3)

Prerequisite: HIS 1010 or 1020

Political, social, and economic developments in Europe from the late Middle Ages to the Peace of Westphalia.

HIS 3410/4410: Early Modern Europe from 1648 to 1815 (3)

Early modern Europe from the Thirty Years' War to the Congress of Vienna, focusing on the outstanding political, intellectual and social developments of the period: the Modern State, the Scientific Revolution, the Enlightenment, the French Revolution, Romanticism, and the Industrial Revolution.

HIS 3420/4420: Modern Europe from 1815 to 1890 (3)

Survey of modern European history between 1815 and 1890. The course will focus on the political, intellectual and social developments of the 19th century.

HIS 3430/4430: Modern Europe from 1890 to 1945 (3)

Europe prior to the First World War, the Communist Revolution in Russia, fascism, and World War II.

HIS 3440/4440: Contemporary History of the Western World (3)

An examination of historical developments common to both Europe and the United States. Topics covered include the Cold War and nuclear arms race, decolonization and the North-South dialogue, and economic developments since World War II.

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 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 3645/4645: Workers and Work in Modern America (3)

This course explores the history of the American worker in the 19th and 20th centuries with an emphasis on the changing nature of work itself, the labor movement, the impact of war, protest, issues of class, gender and race, and a consideration of current debates on unions and deindustrialization.

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 3655/4655: The Immigrant in American History (3)

This course explores the history of immigration and ethnicity during the 19th and 20th centuries with an emphasis on the socio-cultural dimensions of the immigrant experience, and on historical debates on citizenship, national identity, legislation, work and family life, and ethnic identity.

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 3680/4680: African American History from Colonial Times to the Present (3)

A study of the major trends in African American history from colonial times to the present, with emphasis on social, economic, and political trends and issues including slavery, segregation and civil rights.

HIS 3690/4690: War and Memory in America (3)

This course will examine the ways that Americans have created and perpetuated popular memories and interpretation of warfare. Covering the American revolution through the War on Terrorism this class will explore the ways in which Americans commemorate, memorialize, and romanticize warfare.

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 3850/4850. 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 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 3880)

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/Appalachian Studies (3)

The practice of local history: sources and methods; a survey of the history of south-central Appalachia from colonial times to the present; topics in Appalachian history.

HIS 3770/4770: Wars of the Cold War (3)

This course surveys major developments and patterns in American and World Military History and Diplomacy from the end of World War II to the end of the Cold War, to include a discussion of patterns of post-Cold War warfare. Topics to be covered include the nature of warfare in the Cold War, the interplay of civil-military relations, the impact of war on the homefront, the presentation of war in public space, and war's place in historical and popular memory.

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 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.

COURSES IN PHILOSOPHY

PHI 1010: Social and Political Philosophy (3)

An examination of various theories of the state and of human society.

PHI 1030: Logic I (3)

An introduction to the basic concepts and techniques of logical analysis.

PHI 1100: 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 1100.

PHI 2050: 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 2050.

PHI 2060: Modern Philosophy (3)

A survey of philosophy from the 16th through the 20th centuries.

PHI 2950: Topics in Philosophy (3)

PHI 3040: 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 3040.

PHI 3150: Art and Culture (3)

The arts are examined in relation to dominant, residual, and emergent cultural formations. The processes by which certain arts are identified as "fine" and others as "popular," some as "cultured" and others as "vulgar," will be identified and discussed. Particular attention will be given to art about or produced by our region.

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 3250: Theories of Knowledge (3)

An examination of selected problems in the theory of knowledge.

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 3500: Logic II (3)

Prerequisite: PHIL 103 or permission of instructor

Truth functional logic; predicate calculus; Turing machines; undecidability; completeness and incompleteness. Content will be of special interest to students of computer science, mathematics, linguistics and other cognitive sciences.

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

REL 1030: Comparative Mythology (3)

An historical overview of major themes and types of world mythology.

REL 1100: 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 1100.

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 2050: 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 2050.

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 3040: 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 3040.

DEPARTMENT OF LANGUAGE AND LITERATURE

Chair: John Mark Adrian

Clara-Christina Adame de Heu, Anne Gilfoil, Amelia J. Harris, Melanie Marquez, Gretchen Martin, Sheila Rhea McNulty, Cynthia Newlon, Michael E. O'Donnell, Christopher J. Scalia, Kenneth J. Tiller, Donald Trivett, Marla L. Weitzman, Roman Zylawy

The Department of Language and Literature offers majors in English Literature, French, Spanish, Hispanic and Hispanic-American Studies, 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 general education 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 (see page 103).

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 general education 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 or 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 general education 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 a "B" 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 general education requirement and the student will be awarded 6 hours of credit toward graduation.

In addition, students who have no high school language experience, who have scored a "zero" on the college's language placement exam, and/or are enrolled in ENG 0990 will be placed in SPA 1011, Elementary Spanish Lab I. Students who receive a C- or lower in SPA 1010 will be placed in SPA 1021.

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 4910-4920 (Senior Seminars) that is deemed to be distinguished by at least three members of the Department of Language and Literature.

BACHELOR OF ARTS IN ENGLISH

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 2.01 in all courses in the major.
3. Students must complete 12 hours of a foreign language. Six hours of this requirement will be met by the general education foreign language requirement.
4. Each student must compile a portfolio of five papers written for English literature classes during his or her study at UVa-Wise. This portfolio will be kept in the department chair's office.
5. Each senior must schedule and complete an exit interview with English literature faculty prior to graduation.

MAJOR IN ENGLISH LITERATURE

The Major in English Literature 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. Students will complete the following course of studies:

MAJOR CORE REQUIREMENTS

	semester hours
Foreign Language: Two additional semesters of a foreign language (2010 and 2020) beyond the general education requirement.	6
LIB 2020, COM 1000, and two English electives numbered ENG 3010 and above. Students certifying to teach must take EDU 3400 as one of their English electives.	10
ENG 3270, 3280 Survey of British Literature I and II	6
ENG 3810, 3820 Survey of American Poetry and Prose I and II	6
ENG 3450 An Introduction to Literary Theory	3
ENG 4980, 4990 Senior Seminar 1&2	3
TOTAL, MAJOR CORE REQUIREMENTS	34

AREA REQUIREMENTS

Three hours of linguistics selected from the following: (3)

ENG 3410 An Introduction to English Linguistics
(Recommended for those students seeking teaching licensure)

ENG 3420 History of the English Language
(Recommended for those students planning to attend graduate school)

Three hours of ethnic literature from the following: (3)

- ENG 3010 Appalachian Prose and Poetry
- ENG 3030 African-American Poetry and Prose
- ENG 3090 Asian American Literature
- ENG 3170 Literature of the Diaspora
- ENG 3180 Scottish Literature

Three hours of English literature from the following: (3)

- ENG 4000 Chaucer
- ENG 4010 Studies in Medieval Literature

Three hours from the following: (3)

- ENG 4050 Shakespeare: The Early Plays
- ENG 4060 Shakespeare: The Late Plays

Three hours from the following: (3)

- ENG 3690 16th Century British Literature
- ENG 3700 17th Century British Literature
- ENG 3710 18th Century British Literature

Three hours from the following: (3)

- ENG 3720 19th Century British Literature
- ENG 3730 The Early British Novel
- ENG 4080 British Romantic Poetry

Three hours from the following: (3)

- ENG 3830 Southern Literature

ENG 4070 19th Century American Novel
 Three hours from the following: (3)
 ENG 4030 Modern and Contemporary Poetry
 ENG 4040 Modern and Contemporary Fiction

TOTAL, AREA REQUIREMENTS	24
TOTAL, MAJOR IN ENGLISH LITERATURE	58

MINOR REQUIREMENTS

For the minor in English, students are required to complete 18 hours at the 3000 level or above. Students must complete ENG 3450, a 4000 level course, and 12 additional semester hours of literature.

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 general education 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.

Successful candidates for this program must complete 33 hours of courses as follows: EDU 3400 (students who are seeking licensure in Pre-K-6 may substitute EDU 3610), EDU 4740, EDU 3510, 3580, 3690, 4080, 4091, and 4820 (in the fall semester of the student's final year), and EDU 4910 (in the spring semester of the student's final year).

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

FOREIGN LANGUAGES MAJOR

A major in Spanish, Hispanic and Hispanic-American Studies, 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

The requirements for the major in French are:

	semester hours
FRE 2010-2020 Intermediate French (or the equivalent)	6
Second foreign language or equivalent (1010 through 2020)	12
FRE 3010 Introduction to French Civilization	3
3000-4000 level course work in French from the following: must include courses in civilization, grammar/linguistics, literature; and one interdisciplinary elective approved by the foreign language faculty.	
Six hours selected from the following:	6
FRE 3110 Phonetics and Linguistics (3)	
FRE 3210 Advanced French Composition (3)	
FRE 4150 Foreign Language Teaching (3) (Act as teaching assistant for FRE 1010)	
Twelve hours from Literature sequence:	12
FRE 3780 Survey of French Literature I (3)	
FRE 3790 Survey of French Literature II (3)	
FRE 4560 French Novel (3)	
FRE 4570 French Poetry (3)	
FRE 4950 Special Topics: Novel/Film/Poetry/Theater (1-3)	
FRE 4550 French Theater (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 4960 Special Topics in French (1-3)	
LAN 4910 (1) and LAN 4920 (2)	3
Nine hours of French electives chosen from 3000-level or above or elective courses approved by the foreign language faculty.	9
Suggested courses are:	
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 (in English) Studies in French Culture and Literature in Translation (3)	
GER 3920 (in English) German Literature of the Middle Ages and Renaissance 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 Century (3)
 HIS 4950
 PHI 3450 Intellectual History of Europe in the 19th Century (3)
 PHI 3460 Intellectual History of Europe in the 20th Century (3)
 PHI 2060 Modern Philosophy (3)
 SPA 3890 (in English) Studies in Hispanic Culture and Literature (3)

Although students who major in French need not take a second language, the Department strongly recommends two years of a second foreign language (12 hours) to expand the student's career opportunities.

TOTAL, MAJOR IN FRENCH	semester hours 51
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BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES MAJOR IN HISPANIC & HISPANIC AMERICAN STUDIES

The requirements for the major in Hispanic and Hispanic American Studies are:

SPA 2010-2020: Intermediate Spanish (or the equivalent)	6
A total of 18 hours are required in upper-level Spanish courses. Courses must be chosen from the following:	
Six hours of Hispanic civilization:	6
SPA 3000: Introduction to Hispanic Civilization I (3)	
SPA 3010: Introduction to Hispanic Civilization II (3)	
Three hours selected from the following:	3
SPA 3210: Spanish Conversation (3)	
SPA 3220: Spanish Composition (3)	
SPA 3270: Advanced Grammar (3)	
Nine hours selected from the following:	9
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 & Narrative (3)	
SPA 3890: Studies in Hispanic Culture and Literature in Translation ((3)	
Special topics courses, seminars, and independent research are applicable as well (SPA 3950, 4950, 4960, 4160, 4260, and 4970).	
Six hours chosen from Communication, Religion and/or Spanish translation:	6
COM 3210: Introduction to Film (Hispanic component) (3)	
COM 3300: Interpersonal Communication (Hispanic component) (3)	
COM 3960/4941: Special Topics in Communication (Hispanic component)s (3-6)	

REL 1010: Survey of the Old Testament (3)	
REL 1020: Survey of the New Testament (3)	
REL 3010: Theories of Religion (3)	
SPA 3150: Spanish Translation (3)	
Six-seven hours selected from the following history and civilization courses:	6-7
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)	
Six hours of related electives chosen with the approval of the Department. This group of courses must contain an Hispanic component in the syllabus to be accepted as a valid option. The following is a list of electives (others must be approved by the Department):	6
ANT 1020: Introduction to Cultural Anthropology (3)	
ENG 3120: Topics in World Literature (Hispanic component) (3)	
ENG 3030: African-American Poetry and Prose (3)	
HUM 1950: Special Topics in the Humanities (1-3)	
POL 3060: Southern European Governments and Politics (3)	
POL 4820: American Foreign Policy (3)	
POL 4950/4960: Special Topics in Political Science (Hispanic component) (1-3)	
PSY 3060: Cultural Diversity (3)	
SOC 3120: Community and Social Change (3)	
SOC 3300: Sociology of Gender (3)	
SOC 3600: Sociology of Race and Ethnicity (3)	
SOC 3950/4950: Special Topics in Sociology (Hispanic component) (1-3)	
Capstone research project in English or Spanish (LAN 4910-4920)	3

TOTAL, MAJOR IN HISPANIC & HISPANIC AMERICAN STUDIES 45-46

MINOR IN HISPANIC & HISPANIC AMERICAN STUDIES

To obtain a minor in Hispanic & Hispanic American studies students must take at least 18 semester hours, 12 of which must be in courses at the 3000-level or above. Courses must be selected in consultation with the Department of Language & Literature. After completing Intermediate Spanish (SPA 2020), students must take one course from each of the major categories: language (SPA 3270, SPA 3210, SPA 3220, or SPA 3150), literature, and history/civilization. Three of the upper-level courses must be in Spanish.

Literature:

- 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).

SPA 3820: Methodology of Teaching Spanish (3)
(All students who plan to teach Spanish must take SPA 3820.)

History/Civilization:

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 1010: Survey of the Old Testament (3)

REL 1020: Survey of the New Testament (3)

REL 3010: Theories of Religion (3)

Three of the upper-level courses must be in Spanish. A GPA of 2.5 is required in the courses in order to graduate with a minor in Hispanic and Hispanic American Studies.

BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES SPANISH MAJOR

The requirements for the major in Spanish are the following:

	semester hours
SPA 2010-2020: Intermediate Spanish (or the equivalent)	6
SPA 3270: Advanced Grammar (3)	3
SPA 3280: Introduction to Hispanic Literature	3

Upper level course work in Spanish from the following:
Must include courses in civilization, grammar/linguistics,
and literature.

Three hours selected from the following:	3
SPA 3210: Spanish Conversation (3)	
SPA 3220: Spanish Composition (3)	

Six-seven hours selected from the following:	6-7
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)	
SPA 4980: Study Abroad (9-18)	

Three hours selected from the following:	3
SPA 3150: Spanish Translation (3)	
SPA 3230: Spanish for the Professions (3)	
SPA 3250: Introduction to Spanish Linguistics (3)	

SPA 3260: Spanish Phonetics (3)
SPA 3820: Methodology of Teaching Spanish (must be taken
by all students who plan to teach Spanish) (3)

TWENTY-FOUR HOURS FROM CONTENT AREAS A and B,
including a minimum of twelve hours from A, a minimum of
six hours from B, and six additional hours from either content area:

semester hours
24

CONTENT AREA A

Twelve-eighteen hours selected from the following:

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)
SPA 3950: Special Topics (3)
SPA 4160: Seminar in Spanish-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)

CONTENT AREA B

Six-twelve hours of approved related coursework.

Six-twelve hours of a second language, either French or German, OR
Six-twelve hours of related electives chosen from the following list
(substitutions must be approved by the Department):

ART 3500: History of Art I (3)
ART 3510: History of Art II (3)
COM 3210: Introduction to Film Analysis (3)
ENG 3120: Topics in World Literature (3)
HIS 3260/4260: Colonial Latin America (3)
HIS 3270/4270: Modern Latin America (3)
HIS 3360/4360: Medieval Europe (3)
HIS 3410/4410: Early Modern Europe from 1400 to 1648 (3)
HIS 3440/4440: Contemporary History of the Western World (3)
HUM 1950: Special Topics in the Humanities (1-3)
POL 3060: Southern European Government and Politics (3)
PSY 3060: Cultural Diversity (3)
REL 1010: Survey of the Old Testament (3)
REL 1020: Survey of the New Testament (3)
REL 3010: Theories of Religion (3)
SOC 3250: Pop Culture (3)
SOC 3600: Race and Ethnicity (3)
THT 2000: Western Drama (3)

LAN 4910-4920: Capstone Research Project

3

The Department strongly recommends two years of a second foreign language (12 hours) to expand the student's career opportunities.

TOTAL, MAJOR IN SPANISH

51-52

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 or the Hispanic-Hispanic American Studies major 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.

BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

FOREIGN STUDIES MAJOR (With concentration in French, German, or Spanish)

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. Requirements for the major are:

	semester hours
FRE 2010-2020 Intermediate French, OR	
GER 2010-2020 Intermediate German, OR	
SPA 2010-2020 Intermediate Spanish	6
3000-4000 level course work in French, OR	
3000-4000 level course work in German, OR	
3000-4000 level course work in Spanish	24
Students must complete at least three semester hours in each of the following: 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, 426, 4950, 4960 and 4970.	
Second Discipline	15
LAN 4910-4920: Capstone Research Project	3

Courses must be pre-approved by foreign language faculty.

TOTAL, FOREIGN STUDIES

48

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

To obtain a minor in foreign languages students will concentrate on one foreign language (French, Spanish, or German).

French: Eighteen hours of French courses, 12 hours selected from FRE 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.

German: Eighteen hours of German courses, 12 hours selected from GER 3000 or above.

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 semester hours of language course work above the intermediate level. Endorsement in a second foreign language may be obtained with 24 semester hours of course work above the intermediate level.

A. Option One.

First endorsement: 24 semester 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 semester hours. Experiences shall include course work in advanced grammar and composition, conversation, culture and civilization, and literature.

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, FRE 4150, plus 15 semester hours of upper-division courses in French literature, language or civilization.

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 SPA 3280, plus any 12 semester hours of upper-division course work in Spanish literature and civilization.

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, GER 4150, plus any 15 semester hours of upper-division course work in German literature or language.

COURSES IN ENGLISH

ENG 0099: Basic Skills (3)

Offered for credit/no credit. Designed for students who need remediation in speaking and writing standard English, this course integrates work in grammar, organization, spelling, and vocabulary enrichment with specific spoken and written assignments ranging from sentence construction to paragraph development and the creation of essays of substantial length. Emphasis is on mechanical correctness and rhetorical development. Classroom work is supplemented and individual problems addressed by laboratory assignment using computer software.

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 214.

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 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 1 (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 2 (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 general education 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 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 3220: Creative Writing I (3)

Prerequisite: Permission of instructor.

The writing of essays, poems, and short stories.

ENG 3230: Creative Writing II (3)

Prerequisite: ENG 1020 or ENG 1030

Continued practice composing various literary forms.

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 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 3710: 18th Century British Literature (3)

Prerequisite: ENG 1020 or ENG 1030

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 3720: 19th Century British Literature (3)

Prerequisite: ENG 1020 or 1030

A survey of British literature from Blake through Hardy.

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.

ENGL 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 3830 : Southern Literature (3)

Prerequisite: ENG 1020 or 1030

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 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: The 19th Century American Novel (3)

Prerequisite: Any 3000-level English course

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 Romantic Poetry (3)

Prerequisite: Any 3000-level English course

This course will explore British poetry of the late-eighteenth and early-nineteenth centuries, also known as the Romantic Period. We will devote particular attention to major figures like William Blake, William

Wordsworth, Samuel Taylor Coleridge, John Keats, Lord Byron, and Percy Shelley, while also studying the contributions of significant figures like Robert Burns, Charlotte Smith, and Felicia Hemans. The course will consider major themes and interests of these poets, including the beautiful and the sublime; the powers of the imagination; social and political reform; and the interaction between nature, the senses, and the mind. We will also study Romantic theories of poetry: what were proper subjects of poetry? What was the value of poetry to society? What was the value of the poet to the world? In the process, we will study various poetic forms (the sonnet, the epic, the conversational poem), and will situate the poetry in its political, social, and literary contexts.

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)

Discussions leading to the writing of a paper using critical analysis.

ENG 4990: Senior Thesis II (2)

Prerequisite: Successful completion of ENG 4910

Discussions leading to the writing of a paper using critical analysis.

COURSES IN FRENCH

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 general education 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 2020

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 4150: Foreign Language Teaching (3)

Prerequisite: FRE 2020

Techniques and information useful to one planning to teach a foreign language.

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

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

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: GER 2020 or permission of instructor

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 4150: Foreign Language Teaching (3)

Prerequisite: GER 2020 and GER 3210 or permission of instructor

Methods of teaching foreign languages. Required for students planning to teach German.

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

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 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

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 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

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 1011: Elementary Spanish Lab 1 (.5)

For students who have no high school language experience, who have scored a "zero" on the college's language placement exam, and/or are enrolled in ENG 0990. Students meet one hour per week in one of the College's computer laboratories to use the available online resources and textbook ancillaries to work on pronunciation and listening comprehension, as well as to look over the grammar tutorials and assigned homework from the SPA 1010 course.

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 1021: Elementary Spanish Lab 2 (.5)

Prerequisite: SPA 1010

For students who score a C- or lower in SPA 1010. Students meet one hour per week in one of the College's computer laboratories to use the available online resources and textbook ancillaries to work on pronunciation and listening comprehension, as well as to look over the grammar tutorials and assigned homework from the SPA 1020 course.

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. 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 322:0 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 (3)

Prerequisite: SPA 2020

An advanced review of Spanish grammar. 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 3810: Hispanic Film and Narrative (3)

Prerequisite: SPA 2020

SPA 3820: Methodology of Teaching Spanish (3)

Prerequisite: SPA 2020

A study of the methods of teaching foreign languages with an emphasis on the teaching of Spanish. 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.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Chair: C. Alex Edwards

Rachel Clay-Keohane, P. Douglas Elosser, Matthew Harvey, Robert Hatch, Wendy Martin, Michael D. Potter, Abrar Qureshi, Daniel Ray, Kaushiki Saha, Jacob Somervell, James A. Vance, Ira Weissberger, Jennifer Wilson

The Department of Mathematics and Computer Science offers courses in mathematics, computer science and software engineering leading to majors in Mathematics, Computer Science, Management Information Systems, and Software Engineering. Minors may be earned in Mathematics and Computer Science. General education 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.

GENERAL EDUCATION REQUIREMENTS

To earn a degree from UVa-Wise a student must complete six semester hours in mathematics. Entering students who have not completed this requirement are required to take a mathematics placement test administered by the department. Students may begin their study of mathematics with MTH 1000, 1010, 1020, 1110, 1210, 1150 or 2040; however, if deficiencies are identified, students are required to satisfactorily complete MTH 0900 before registering for a 1000-level mathematics course. MTH 0900 is a non-degree credit course. The department recommends the appropriate placement determined by the following criteria:

- 1) The student's SAT or ACT scores;
- 2) The student's high school record;
- 3) The student's score on the Mathematics Placement Exam.

MTH 2010 and 2020 do not satisfy general education 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. A student cannot receive credit for both MTH 1000 and MTH 1010; however, a student who receives a grade of C- or lower in MTH 1010 may take MTH 1000 for credit and the grade in MTH 1000 will replace the grade in MTH 1010. Neither MTH 1000 nor MTH 1010 may be taken for credit after either MATH 1110 or MATH 1210 has been completed successfully. MTH 1110 cannot be used in conjunction with MTH 1000/1010 to complete the General Education requirements in Mathematics.

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 1150 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.

MINOR IN COMPUTER SCIENCE

A minor in computer science consists of 18 semester hours of computer science, at least 12 of which must be in 3000- or 4000-level courses. The program of study must include CSC 1180: Foundations of Programming in C/C++, CSC 2180: Data Structures, and CSC 3180: Introduction to Algorithms, and must be approved by the chair of the department.

MINOR IN MATHEMATICS

A minor in mathematics consists of 18 semester hours of mathematics, at least 12 of which must be in 3000- or 4000-level courses. MTH 3030 and 3050 do not satisfy this requirement. The program of study must include MTH 2040 and must be approved by 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 semester 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 semester hours in mathematics which include 31 semester hours in core courses and 12 semester hours in electives which must include MTH 3120: Introduction to Geometry. Students seeking secondary licensure must also take CSC 1180: Foundations of Computer Programming in C++ and are encouraged to take MTH 3200: Introduction to Number Theory. MTH 2010, 2020, 3010, 3020, 3030, and 3050 cannot be included in the 43 semester hours.

Computer Science: Teacher licensure with an endorsement in computer science may be obtained by completing the general education 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).

The courses required for the Computer Science major are as follows:

(Math and science classes count for math and science general education requirements.)

	semester hours
Mathematics requirement:	14
MTH 1180 Elementary Probability and Statistics (3)	
MTH 2040 Calculus I (4)	
MTH 2050 Calculus II (4)	
CSC 3710 Discrete Structures (3)	
and any one of the following:	3-4
MTH 3060 Calculus III (4)	
MTH 3110 Ordinary Differential Equations (3)	
MTH 3130 Linear Algebra (3)	
Science Requirement:	13-14
Choose three of the following:	
CHM 1010/1011 College Chemistry and Lab (4)	
PHY 3030 Electronics (includes lab) (4)	
PHY 3010/2010 College Physics and Lab (5)	
PHY 3020/2020 College Physics II and Lab (5)	

	semester hours
Computer Science core:	32
SWE 1790 Engineering Leadership (3)	
CSC 1180 Foundations of Computer Programming in C++ (4)	
CSC 2300 Software Engineering (3)	
CSC 2180 Data Structures (3)	
CSC 3400 Database Design (3)	
CSC 3180 Introduction to Algorithms (3)	
CSC 4000 Operating Systems (3)	
CSC 4200 Programming Languages (3)	
CSC 4300 Computer Architecture (3)	
CSC 4350 Computer Networks (3)	
CSC 4990 Computer Science Seminar (1)	
Computer language requirement (one course is required from the following)	3
CSC 2220 Programming in Java (3)	
CSC 2230 Programming in C# (3)	
Mathematics related elective (one course must be included from the following)	3
CSC/MTH 3380 Numerical Methods (3)	
CSC 3600 Operations Research (3)	
CSC 4400 Computer Graphics (3)	
CSC 4500 Modeling and Simulation (3)	
Computer Systems electives (two courses must be included from the following)	6-7
CSC 3050 Digital Logic (3)	
CSC 3250 UNIX Systems (3)	
CSC 3260 Introduction to Human - Computer Interaction (3)	
CSC 3750 Web Technologies (3)	
CSC 4110 Advanced Database Systems (3)	
CSC 4150 Artificial Intelligence and Robotics (3)	
CSC 4380 Information Security (3)	
CSC 4600 Information Characteristics (3)	
PHY 3030 Electronics (cannot be double-counted as part of Science requirement) (4)	
Open electives	6
Choose any two additional 3000/4000 level courses from computer science, software engineering, or from the above listed Mathematics Requirement.	
TOTAL, COMPUTER SCIENCE MAJOR	80-83

The Computer Science major requires a total of 66-69 semester hours above general education requirements. A student must complete a total of 120 semester 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 prepare students for entry-level employment in technology related management positions and to provide the background necessary for graduate work in Management Information Systems.

Students majoring in MIS should take MTH 1210: Precalculus II or higher and MTH 1180: Probability and Statistics to fulfill their general education mathematics requirement. Depending on placement, students may have to take additional mathematics courses.

	semester hours
Communications requirements	6
COM 1000 Public Speaking (3)	
COM 3400 Business and Professional Communication (3) OR	
COM 3450 Technical Writing (3)	

Business requirements	24
ACC 2010 Principles of Accounting I (3)	
ACC 2020 Principles of Accounting II (3)	
ECO 1050 foundations of Economics (3)	
BUS 2110 Quantitative Analysis with Spreadsheets (3)	
BUS 3120 Business Information Systems (3)	
BUS 3180 Principles of Marketing (3)	
BUS 3310 Principles of Management (3)	
BUS 4500 Organizational Behavior (3)	

Computer Science requirements	25
CSC 1180 Foundations of Computer Programming in C++ (4)	
CSC 2180 Data Structures (3)	
CSC 2300 Software Engineering (3)	
CSC 3260 Human Computer Interaction (3)	
CSC 3300 Fundamentals of Computer Science (3)	
CSC 3400 Database Design and Applications (3)	
CSC 3600 Operations Research (3)	
CSC 4110 Advanced Database Systems (3)	

Management Information Systems requirements	7
Students must choose a concentration and complete at least two courses from that category (listed below) (6)	
MIS 4990 Management Information Systems Seminar (1)	

TOTAL, MANAGEMENT INFORMATION SYSTEMS 62

Management Concentration	
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 3830 Financial Management (3)	

BUS 4850 Strategic Management (3)
FIN 3820 Theory of Finance (3)

Systems Concentration

CSC 2220 Programming in Java* (3)
CSC 2230 Programming in C#* (3)
CSC 3250 UNIX Systems (3)
CSC 3750 Web Technologies (3)
CSC 4350 Computer Networks (3)
CSC 4380 Information Security (3)
CSC 4500 Modeling and Simulation
Any 2000 level or above software engineering courses

*Students may count only one programming course for the Systems Concentration.

BACHELOR OF ARTS OR BACHELOR OF SCIENCE IN MATHEMATICS MATHEMATICS MAJOR

For all baccalaureate degrees with a major in mathematics, students must complete either a minor in another discipline or a second major.

All mathematics majors are required to complete the following core courses

MTH 2040 Calculus I (4)
MTH 2050 Calculus II (4)
MTH 3060 Calculus III (4)
MTH 3110 Ordinary Differential Equations (3)
MTH 3130 Introduction to Linear Algebra (3)
MTH 3250 Probability and Statistics (3)
MTH 3350 Abstract Algebra I (3)
MTH 3400 Multivariable Calculus (3)
MTH 3440 Advanced Calculus I (3)
MTH 4990 Mathematics Seminar (1)

TOTAL, CORE

31

At least 12 additional semester hours of advanced work in mathematics numbered 3100 or above or computer science numbered 3000 or above 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 courses are to be selected in consultation with the academic advisor and approved by the chairman of the department. The student should use these courses to develop an area of special interest. Students whose interests are in applied mathematics or computer science are encouraged to select from the following courses:

CSC 3300 Fundamentals of Computer Science (3)
CSC 3600 Operations Research (3)
CSC 3710 Discrete Structures (3)
CSC 4500 Modeling and Simulation (3)
MTH 3380 Introduction to Numerical Methods (3)

Students whose interests are in pure mathematics are encouraged to select from the following courses:

- MTH 3120 Introduction to Geometry (3)
- MTH 3200 Introduction to Number Theory (3)
- MTH 3100 Introduction to Mathematical Proofs (3)

Teaching Endorsement

Students whose interests are in teaching mathematics in the secondary schools must take:

CSC 1180: Foundations of Computer Programming in C/C++ (4)

MTH 3120: Introduction to Geometry (3)

and are encouraged to take MTH 3200: Introduction to Number Theory (3)

These students are encouraged to select their remaining area electives from the following courses:

CSC 3600 Operations Research (3)

CSC 3710 Discrete Structures (3)

MTH 3200 Introduction to Number Theory (3)

MTH 3100 Introduction to Mathematical Proofs (3)

TOTAL, ELECTIVES	12
TOTAL, MATHEMATICS MAJOR	43

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, 3110, 3130, 3250, 3350, 3400 and 3440.

Courses may be applied toward two majors where appropriate; however, the course of study submitted for a major may not contain any courses used for the minor.

For the Bachelor of Arts degree in mathematics, students may elect a minor offered in the following areas:

- History and Philosophy
- International Studies
- Language and Literature
- Visual and Performing Arts
- Women's Studies

For the Bachelor of Science degree in mathematics, students may elect a minor offered by the following departments:

- Business and Economics
- Education
- Mathematics and Computer Science
- Natural Science
- Social Sciences

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).

General education requirements should be selected with care. For example, the mathematics and physics requirements of this degree meet general education requirements. The major includes mathematics, physics, and computer science requirements as well as the software engineering requirements.

	semester hours
General Computer Science:	31
CSC 1180 Fundamentals of Programming (4)	
CSC 2300 Introduction to Software Engineering (3)	
CSC 2180 Data Structures (3)	
CSC 3260 Human-Computer Interaction (3)	
CSC 3400 Database Design (3)	
CSC 3710 Discrete Mathematics (3)	
CSC 3180 Algorithms (3)	
CSC 4000 Operating Systems (3)	
CSC 4200 Programming Languages (3)	
CSC 4300 Computer Architecture (3)	
Mathematics:	18
MTH 1180 Probability and Statistics (3)	
MTH 2040 Calculus I (4)	
MTH 2050 Calculus II (4)	
MTH 3060 Calculus III (4)	
MTH 3130 Introduction to Linear Algebra (3)	
Science:	10
PHY 3010/2010 College Physics I and Lab (5)	
PHY 3020/2020 College Physics II and Lab (5)	
Non-technical Support:	9
COM 3450 Technical Writing (3)	
SWE 1790 Engineering Leadership (3)	
SWE 2790 Engineering Economics (3)	
Software Engineering Core Requirements:	24
SWE 2130 Software Design (3)	
SWE 2210 Testing, Verification and Validation (3)	
SWE 3210 Software Quality Assurance (3)	
SWE 3220 Software Requirements and Modeling (3)	
SWE 3230 Software Configuration Management (3)	
SWE 4240 Software Project Management (3)	
SWE 4980/4990 Capstone Project (6)	
TOTAL, SOFTWARE ENGINEERING	92

COURSES IN COMPUTER SCIENCE

CSC 1010: Object Oriented Programming (3)

Programming in C++ as an introduction to computer programming for non-majors. Variables, declarations, branching, looping, and arrays. Computer science majors and minors cannot get credit for this course after taking 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 1350: Computer Network Assembly (1)

Assembly and testing of local area networks for offices and schools. Selection of components, software for networks and labs.

CSC 1180: Foundations of Computer Programming in C/C++ (4)

Beginning computer programming. C/C++ language syntax, data types, sequence, branch, loop, and select constructs, pointer variables, record structures, input/output, and programming techniques.

CSC 2180: Data Structures (3)

Prerequisite: CSC 1180 with a C or better

Data and abstract data types; programming principles, lists, dynamic memory allocation, stacks, queues, trees, graphs, recursion.

CSC 2220: Programming in Java (3)

Prerequisite: CSC 1180 with a C or better

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 with a C or better

Programming concepts and techniques using C#. Classes, functions, software development, generics, threads, and graphical user interfaces (GUIs) will be covered.

CSC 2300: Software Engineering (3)

Prerequisite: 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.

CSC 3050: Digital Logic (3)

Prerequisites: MTH 1010 or higher with a C or better

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 with a C or better or permission of instructor

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 with a C or better

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 3300: Fundamentals of Computer Science (3)

Prerequisite: CSC 1180 or permission of instructor

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: One year of college-level mathematics

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

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.

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

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 or better or permission of instructor

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 senior standing

Survey of contemporary languages, compiler construction techniques, parsing, formal grammars, virtual machines, subprograms, functional and logic programming.

CSC 4300: Computer Architecture (3)

Prerequisite: CSC 2180 and CSC 3710 with a C or better

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 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 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: CSC 2180, MTH 2050 and 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 4450: Introduction to Compilers (3)

Prerequisite: CSC 2180 with a C or better

Concepts behind programming languages, their structure, and grammar. Use of these concepts to

design and implement a simple translator. Sets and strings, grammars and their classification, context-free grammar and parsing; programming language design, design philosophies; top-down parsing, LL(1) grammars; bottom-up parsing, polish notation, simple precedence grammars, LR grammars.

CSC 4500: Modeling and Simulation (3)

Prerequisites: CSC 1180 and MTH 1180 with a C or better

An introduction to model building and simulation techniques. Experimental design and statistical analysis of business, social and physical science systems.

CSC 4600: Information Characteristics (3)

Prerequisite: CSC 2180 with a C or better

State machines, information measurement, software metrics, reliability, binary codes, encryption, data compression, pattern recognition, and information recovery.

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.

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

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

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 1000: Introduction to Algebra (4)

Prerequisite: Satisfactory performance on placement test or successful completion of MTH 0900.

Review of basic algebraic processes, laws of exponents, basic concepts of relations and functions, equations of lines, factoring polynomials, and solving linear, quadratic and rational equations. (This course is designed for students who are not prepared to take MTH 1010. A student may not receive credit for both MTH 1000 and MTH 1010.)

MTH 1010: College Algebra (3)

Prerequisite: Satisfactory performance on placement test or successful completion of MTH 0900

Review of basic algebraic processes, laws of exponents, basic concepts of relations and functions, equations of lines, factoring polynomials, and solving linear, quadratic and rational equations. (No credit is given for this course if a student has satisfactorily completed MTH 1000, MTH 1110 or above.)

MTH 1110: Precalculus I (3)

Prerequisite: Satisfactory performance on the placement test or completion of MTH 1000 or MTH 1010 (grade of C or better)

Algebra review; Cartesian plane; circles and the distance formula; functions and graphs; symmetry; domain and range; lines and linear applications; parabolas and quadratic applications; higher order polynomials; rational functions. (This course may not be used along with MTH 1000/1010 to satisfy the six hour general education requirement.)

MTH 1150: Applications of Mathematics (3)

Prerequisite: Satisfactory performance on placement test or one of the following courses: MTH 1000, MTH 1010 or MTH 1110 or permission of instructor.

An applications based course in mathematics including topics in logic, personal and business finance, using index numbers and percentages, and the role of mathematics in real world context.

MTH 1180: Elementary Probability and Statistics (3)

Prerequisite: MTH 1000, 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 general education 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 general education requirement or count

toward a major or minor in mathematics.)

MTH 2020: Problem Solving (3)

Prerequisite: Completion of 6 hours general education 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 general education requirement or count toward a major or minor in mathematics.)

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 3030: Linear Algebra for Teachers (3)

Prerequisite: MTH 2040 with a C or better or permission of instructor
An application oriented study of linear algebra for students whose interests are in teaching K-8. Topics that will be emphasized include: systems of equations; vector spaces; subspaces; linear dependence and independence; linear transformations; matrices and matrix algebra; determinants; and eigenvalues and eigenvectors. (MTH 3030 does not count toward a major or minor in mathematics.)

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 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: Introduction to Linear Algebra (3)

Prerequisite: MTH 2040 with a C or better or permission of instructor

Vector spaces; subspaces; linearly dependent and independent subsets; linear transformations; matrices; determinants; eigenvalues and eigenvectors.

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 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 3130 and MTH 3060 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
A continuation of MTH 3250.

MTH 4360: Abstract Algebra II (3)

Prerequisite: MTH 3350 with a C or better
Structure of finite groups; ideal theory of commutative rings; Galois fields.

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

SWE 1790: Engineering Leadership (3)

Professionalism, group dynamics, professional ethics, psychology, social responsibility of engineers, legal issues for engineers, negotiation skills, documentation practice.

SWE 2130: Software Design (3)

Prerequisite: CSC 2300, 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 the fundamental topics in software architecture and detailed design, including UML, architectural views, architectural styles and patterns, component design, creational, structural, and behavioral design patterns, design quality evaluation (e.g., efficiency, reliability, and maintainability), state based design, table based design, design management, design documentation, and code design. Ethical, societal, and professional issues present in software design will be stressed.

SWE 2210: Testing, Verification and Validation (3)

Prerequisite: CSC 2300, CSC 2180 with a C or better

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 2790: Engineering Economics (3)

Prerequisite: MTH 2040 with a C or better

Supply and demand analysis, break-even analysis, cost benefit analyses, investments, marketing, time

value of money, risk potentials.

SWE 3210: Software Quality Assurance (3)

Prerequisite: SWE 2130, SWE 2210 with a C or better

Inspection techniques, comprehensive test strategies, test coverage analysis, software process evaluation, process documentation, defect management, training documentation, inspection management tools.

Societal and ethical implications of software quality are emphasized.

SWE 3220: Software Requirements and Modeling (3)

Prerequisite: CSC 2300 with a C or better

Elicitation of requirements, prioritization, goal analysis, validation criteria, feasibility analysis, ambiguity and clarity, functional and non-functional requirements, representation techniques, quality attributes, negotiations, feature interactions.

SWE 3230: Software Configuration Management (3)

Prerequisite: SWE 2130 with a C or better

Configuration management, configuration tools, maintenance standards, verification and validation documentation, contract specifications, software library maintenance, project version interaction.

SWE 4240: Software Project Management (3)

Prerequisite: SWE 3210, SWE 3220, SWE 3230 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 (3, 3)

Prerequisite or Co-requisite: SWE 4240

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.

DEPARTMENT OF NATURAL SCIENCES

Chair: Margie A. Tucker

Floyd Beckford, Walter C. Crouse, Jan Fiala, Kevin G. Jones, Galen Sedo, Walter Smith, Adriana Undreiu, Lucian Undreiu, Robert D. VanGundy, Ning Wang, Robin L. Woodard, Guannan Zhou

Clinical Laboratory Science/Medical Technology Clinical Liaisons:

Laura Link, Ms.Ed., MT (ASCP), CHES. Program Director, Carilion Clinic School of Clinical Laboratory Science, Roanoke, Virginia

Sue Lawton, Director, School of Medical Technology, Rockingham Memorial Hospital, Harrisonburg, Virginia

The Department of Natural Sciences offers Bachelor of Arts and Bachelor of Science degrees in natural science with majors in biochemistry, biology, chemistry, environmental science and medical technology/

clinical laboratory science. It offers minors in biology, chemistry, earth science and physics. 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: Margie A. Tucker

	semester hours
Required Biology Courses	23
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 (4)	
BIO 3110 Cellular Communications (3)	
BIO 3600 Molecular Genetics (5)	
Required Chemistry Courses	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 (6)	
CHM 3020/3021 Organic Chemistry II and Lab (6)	
CHM 3210 Quantitative Analytical Chemistry (7)	
CHM 3310 Introduction to Physical Chemistry (5)	
Required Biochemistry Courses	8
BCH 3010 Biochemistry I (3)	
BCH 3020 Biochemistry II (3)	
BCH 4980 Biochemistry Seminar I (1)	
BCH 4990 Biochemistry Seminar II (1)	
Other Required Courses	21
MTH 1180 Elementary Probability and Statistics (3)	
MTH 2040 Calculus I (4)	
MTH 2050 Calculus II (4)	
PHY 1010 Introduction to Physics I (4)	
PHY 1020 Introduction to Physics II (4)	
PHY 1011 General Physics Laboratory I (1)	
PHY 1021 General Physics Laboratory II (1)	
One elective from the following: BIO 3120, 3140, 3150, 3210, 4110, 4320, 4500, CHM 3110, 3220, 3410, 3750, MTH 3060	

BACHELOR OF SCIENCE IN NATURAL SCIENCES BIOLOGY MAJOR

Coordinator: Robin Woodard

	semester hours
Required Biology Courses	8
BIO 1010* Principles of Biology (3)	
BIO 1011* Principles of Biology Laboratory (1)	
BIO 1020* Introduction to Biological Diversity (3)	
BIO 1021* Introduction to Biological Diversity Laboratory (1)	
*These courses must be taken in sequence before students may take any other courses for a degree in biology.	21
BIO 2010 Topics in Cell Biology (3)	
BIO 2015 Laboratory Methods in Biology (4)	
BIO 2020 Ecology and Evolutionary Processes (3)	
BIO 2025 Biostatistics (3)	
BIO 3600 Molecular Genetics (5)	
BIO 3980 Preparing for Life as a Scientist I (1)	
BIO 3990 Preparing for Life as a Scientist II (1)	
BIO 4990 Senior Seminar (1)	
At least one course from each of the following three groups (at least one course must have a lab).	
Group 1	3-5
BIO 3110 Cellular Communications (3)	
BIO 3120 Animal Physiology (5)	
BIO 3130 Plant Cell Function (5)	
BIO 3140 Developmental Biology (5)	
BIO 3150 Immunology & Serology (3)	
BIO 4110 Virology (3)	
BIO 4130 Regulation of Transcription (3)	
Group 2	2-5
BIO 3210 Microbiology (5)	
BIO 3220 Biomechanics (3)	
BIO 3230 Comparative Anatomy (5)	
BIO 3240 Evolutionary Morphology of Plants (5)	
BIO 3250 Local Flora (2)	
BIO 3260 Vertebrate Zoology (5)	
BIO 3270 Invertebrate Zoology (5)	
BIO 4210 Mycology (3)	
BIO 4220 Microbial Diversity (3)	

	semester hours
Group 3	3-5
BIO 3310	Symbiosis (3)
BIO 3320	Advanced Ecology (5)
BIO 3330	Conservation Biology (3)
BIO 3370	Herpetology (5)
BIO 4320	Principles of Toxicology (3)
Two additional biology courses 3000 level or above that are not being used to meet one of the three group requirements. BCH 3010 and BCH 3020 may also be used to fulfill this requirement. (Bio 3510, Bio 4710, and Bio 4970 cannot satisfy this requirement.)	

Other Required Courses	26
CHM 1010	College Chemistry I (3)
CHM 1011	College Chemistry I Laboratory (1)
CHM 1020	College Chemistry II (3)
CHM 1021	College Chemistry II Laboratory (1)
CHM 3010	Organic Chemistry I (3)
CHM 3011	Organic Chemistry I Laboratory (3)
MTH 1180	Elementary Probability and Statistics (3)
MTH 2040	Calculus I (4)
PHY 1010	Introduction to Physics I (4)
PHY 1011	General Physics Laboratory I (1)
Note: PHY 3010: College Physics I and PHY 3011: College Physics Lab I may be taken in place of PHY 1010 and PHY 1011.	

TOTAL, BACHELOR OF SCIENCE, BIOLOGY MAJOR 69-75

BACHELOR OF ARTS IN NATURAL SCIENCES BIOLOGY MAJOR

Coordinator: Robin Woodard

Required Biology Courses	24
BIO 1010*	Principles of Biology (3)
BIO 1011*	Principles of Biology Laboratory (1)
BIO 1020*	Introduction to Biological Diversity (3)
BIO 1021*	Introduction to Biological Diversity Laboratory (1)
*These courses must be taken in sequence before students may take any other courses for a degree in biology.	
BIO 2010	Topics in Cell Biology (3)
BIO 2015	Laboratory Methods in Biology (4)
BIO 2020	Ecology and Evolutionary Processes (3)
BIO 3600	Molecular Genetics (5)
BIO 3980	Preparing for Life as a Scientist I (1)
BIO 4990	Senior Seminar (1)

Two additional biology courses 3000 level or above that are not being used to meet the above requirements. 6
 BCH 3010 and BCH 3020 may also be used to fulfill this requirement.
 (BIO 3510, BIO 4710 and BIO 4970 cannot satisfy this requirement.)

Other Required Courses	20-22
CHM 1010 College Chemistry I (3)	
CHM 1011 College Chemistry I Laboratory (1)	
CHM 1020 College Chemistry II (3)	
CHM 1021 College Chemistry II Laboratory (1)	
MTH 1180 Elementary Probability and Statistics (3)	
MTH 2040 Calculus I (4)	
One of the following:	
CHM 3010 Organic Chemistry I (3) and	
CHM 3011 Organic Chemistry I Laboratory (3) OR	
PHY 1010 Introduction to Physics I (4), and	
PHY 1011 General Physics Laboratory I (1) OR	
CHM 3210 Quantitative Analytical Chemistry (7)	
Sequence of courses in a foreign language terminating in a course numbered 2020	6
TOTAL, BACHELOR OF ARTS, BIOLOGY MAJOR	56-58

MINOR IN BIOLOGY

A minor in biology requires a 2.0 average in at least twenty-three (23) semester hours of biology courses, to include the following:

BIO 1010	Principles of Biology (3)
BIO 1011	Principles of Biology laboratory (1)
BIO 1020	Introduction to Biological Diversity (3)
BIO 1021	Introduction to Biological Diversity laboratory (1)
BIO 2010*	Topics in Cell Biology (3) or
BIO 2020*	Ecology and Evolutionary Processes (3)
BIO 3980	Preparing for Life as a Scientist I (1)

At least eleven (11) additional hours of biology courses numbered 3000 or above. BCH 3010 and BCH 3020 may also be used to fulfill this requirement. (BIO 3510, BIO 4700, BIO 4710, and BIO 4970 cannot satisfy this requirement.)

* Many 3000-level biology courses have one of these two courses as a prerequisite.

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

Coordinator: Margie Tucker

The requirements for the Bachelor of Science in Natural Science with a major in chemistry include:

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 (6)
CHM 3020/3021	Organic Chemistry II and Lab (6)
CHM 3110	Inorganic Chemistry (3)
CHM 3210	Quantitative Analytical Chemistry (7)
CHM 3220	Instrumental Methods of Analysis (7)
CHM 3330	Physical Chemistry I (6)
CHM 3340	Physical Chemistry II (6)
CHM 4980-4990	Chemistry Seminar I and II (2)
BCH 3010	Biochemistry I (3), or
Additional upper-level chemistry course (3)	

MTH 2040, 2050, 3060 Calculus I, II, and III (12)

A course in probability and statistics or computer science selected from the following:

MTH 1180	Elementary Probability and Statistics (3)
MTH 3250	Probability and Statistics (3)
CSC 1180	Foundations of Computer Programming in C/C++ or other approved programming course (4)

PHY 3010/3011	College Physics I and Lab (5)
PHY 3020/3021	College Physics II and Lab (5)

TOTAL, BACHELOR OF SCIENCE, CHEMISTRY MAJOR 82-83

BACHELOR OF ARTS IN NATURAL SCIENCES

CHEMISTRY MAJOR

Coordinator: Margie Tucker

The requirements for the Bachelor of Arts in Natural Science with a major in chemistry include:

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 (6)
CHM 3020/3021	Organic Chemistry II and Lab (6)
CHM 3110	Inorganic Chemistry (3)
CHM 3210	Quantitative Analysis (7)
CHM 3310	Introduction to Physical Chemistry (5)
CHM 4980-4990	Chemistry Seminar I and II (2)

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)

TOTAL, BACHELOR OF ARTS, CHEMISTRY MAJOR 61-62

MINOR IN CHEMISTRY

A minor in chemistry includes CHM 3010/3011: Organic Chemistry I and laboratory; CHM 3210: Quantitative Analytical Chemistry; and either CHM 3310: Introduction to Physical Chemistry or CHM 3330: Physical Chemistry 1. Substitutions are allowed with 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 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.

	semester hours
Biology	11
BIO 1010/1011	Principles of Biology and Lab (4)
BIO 1020/1021	Introduction to Biological Diversity and Lab (4)
BIO 3330	Conservation Biology (3)
Chemistry	8
CHM 1010/1011	College Chemistry I and Lab (4)
CHM 1020/1021	College Chemistry II and Lab (4)
Environmental Science	17
ENV 2010	Environmental Health (3)
ENV 2020	Ecology and Evolutionary Processes (3)
ENV 3020	Environmental Geology (3)
ENV 3030	Environmental Chemistry (4)
ENV 4980/4990	Environmental Science Seminar I and II (4)
Geology	4
GLG 1010	Physical Geology (4)
Physics	5
PHY 1010/1011	Introduction to Physics I and Lab (5)
Mathematics	7
MTH 1180	Elementary Probability and Statistics (3)
MTH 2040	Calculus I (4)

	semester hours
SUBTOTAL, ENVIRONMENTAL SCIENCE	52
SUBTOTAL, MINOR COURSE OF STUDY	18-22

TOTAL, BACHELOR OF ARTS, ENVIRONMENTAL SCIENCE 70-74

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.

I. All environmental science majors must complete the following courses for a Bachelor of Science in Environmental Science:

Biology		8
BIO 1010/1011	Principles of Biology and Lab (4)	
BIO 1020/1021	Introduction to Biological Diversity and Lab (4)	
Chemistry		8
CHM 1010/1011	College Chemistry I and Lab (4)	
CHM 1020/1021	College Chemistry II and Lab (4)	
Environmental Science		17
ENV 2010	Environmental Health (3)	
ENV 2020	Ecology and Evolutionary Processes (3)	
ENV 3020	Environmental Geology (3)	
ENV 3030	Environmental Chemistry (4)	
ENV 4980/4990	Environmental Science Seminar I and II (4)	
Geology		4
GLG 1010	Physical Geology (4)	
Physics		5
PHY 1010/1011	Introduction to Physics I and Lab (5)	
Mathematics		7
MTH 1180	Elementary Probability and Statistics (3)	
MTH 2040	Calculus I (4)	
CORE HOURS:		49

II. All environmental science majors must complete one of the following three areas of concentration for a Bachelor of Science in Environmental Science:

BIOLOGY TRACK

All students take:

BIO 2025	Biostatistics (3)
BIO 3210	Microbiology (5)

BIO 3240	Evolutionary Morphology of Plants (5)	
BIO 3270	Invertebrate Zoology (5)	
		semester hours
SUBTOTAL		18

AND four of the following:

BIO 3250	Local Flora (2)
BIO 3260	Vertebrate Zoology (5)
BIO 3310	Symbiosis (3)
BIO 3320	Advanced Ecology (5)
BIO 3330	Conservation Biology (3)
BIO 4210	Mycology (3)
BIO 4220	Microbial Diversity (3)
BIO 4320	Toxicology (3)
CHM 3010/3011	Organic Chemistry I and lab (6)
GLG 3010	Historical Geology (4)
or other courses as approved by the department chair	

SUBTOTAL, BIOLOGY TRACK **12-20**

TOTAL, BACHELOR OF SCIENCE, BIOLOGY TRACK **79-87**

CHEMISTRY TRACK:

All students take: 22

CHM 3010/3011	Organic Chemistry I and Lab (6)
CHM 3210	Quantitative Analytical Chemistry (7)
PHY 1020/1021	Introduction to Physics II and Lab (5)
MTH 2050	Calculus II (4)

and two of the following: 7-13

BCH 3010	Biochemistry (3)
CHM 3020/3021	Organic Chemistry II and Lab (6)
CHM 3220	Instrumental Analysis (7)
CHM 3310	Introduction to Physical Chemistry (5)
ENV 3010	Land Restoration (4)

SUBTOTAL, CHEMISTRY TRACK **29-35**

TOTAL, BACHELOR OF SCIENCE, CHEMISTRY TRACK **78-84**

EARTH SCIENCE TRACK:

All students take:

GLG 3010	Historical Geology (4)
GLG 3030	Rocks and Rock Forming Minerals (5)
GLG 3050	Geology of Natural Resources (3)
GLG 4010	Hydrogeology (4)

Subtotal, Earth Science Track **16**

and four of the following:

GLG 2010	Meteorology (4)
GLG 3040	Low-temperature Geochemistry (3)

CHM 3210	Quantitative Analytical Chemistry (7)
CHM 3010/3011	Organic Chemistry I and Lab (6)
CHM 3310	Introduction to Physical Chemistry (5)
ENV 3010	Land Restoration (4)
PHY 1020/1021	Introduction to Physics II and Lab (5)
MTH 2050	Calculus II (4)
or other courses as approved by the department chair	

Subtotal, Earth Science Track

15-23

TOTAL, BACHELOR OF SCIENCE, EARTH SCIENCE TRACK 77-83

MINOR IN EARTH SCIENCE

A minor in Earth Science consists of at least 19 semester hours with at least 12 hours in courses numbered 3000 or above. Required courses are GLG 1010: Physical Geology; GLG 3010: Historical Geology; and GLG 3030: Rocks and Rock-forming Minerals. Elective courses to make at least 19 hours may include any geology course numbered 1010 or above; AST 1010: Introduction to Astronomy; or ENV 3010: Land Restoration.

TEACHER LICENSURE IN EARTH SCIENCE

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 semester 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 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 affiliation agreements with schools of Clinical Laboratory Science/Medical Technology at the Carilion Roanoke Memorial Hospital, Roanoke, Virginia, and Rockingham Memorial Hospital, Harrisonburg, Virginia.

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 at least 97 semester hours. 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 97 semester hours of academic credit before clinical training.

Courses must include the following:

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 (4)
BIO 2310/2320	Anatomy and Physiology I & II (8)
BIO 3150	Immunology and Serology (3)
BIO 3210	Microbiology (5)
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 (6)
CHM 3020/3021	Organic Chemistry II and Lab (6)
MTH 1110/1210	Pre-Calculus I/II (6)
MTH 1180	Elementary Probability and Statistics (3)
PHY 1010/1011	Introduction to Physics I and Lab (5)

**TOTAL, MEDICAL TECHNOLOGY/CLINICAL
LABORATORY SCIENCE**

97

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 3010-3020, College Physics I-II; PHY3011-3021, General Physics Lab I-II; and at least eight additional semester hours in physics courses numbered 3000 or above.

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 general education courses in addition to the pre-engineering courses.

Courses required for most engineering programs include the following:

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 3130	Linear Algebra (3)
PHY 3010/3020	College Physics I & II (8)
PHY 3011/3021	College Physics Lab I & II (2)

TOTAL, PRE-ENGINEERING

43

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.

Freshman year

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)
ENG 1010-1020	Composition (6)
MTH 1110	Pre-calculus (3)
MTH 2040	Calculus I (4)
Electives (6)	

Sophomore year

ECO 2050	Microeconomic Principles (3)
ECO 2060	Macroeconomic Principles (3)
GLG 1010	Physical Geology (4)
MTH 2050	Calculus II (4)
MTH 3130	Introduction to Linear Algebra (3)
PHY 1010/1011	Introduction to Physics I and Lab (5)
COM 1000	Public Speaking (3)
Electives (9)	

TOTAL, PRE-FORESTRY

69

PRE-MEDICINE, PRE-DENTISTRY, PRE-VETERINARY MEDICINE

Faculty Contact: Margie Tucker

The minimum requirement for admission to most schools of medicine is 90 semester 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 Dr. Tucker as early as possible for specific advice on preparatory programs, required courses and examinations, and application procedures for professional schools.

PRE-PHARMACY

Faculty Contact: Lucian Undreiu

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.

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 (6)
CHM 3020/3021	Organic Chemistry II and Lab (6)
COM 1000	Public Speaking (3)
ECO 2050	Microeconomic Principles (3)
ENG 1010-1020	Composition (6)
MTH 1180	Elementary Probability and Statistics (3)
MTH 2040	Calculus I (4)
PHY 1010/1011	Introduction to Physics I and Lab (5)
PHY 1020/1021	Introduction to Physics II and Lab (5)
Electives (social science and humanities)	(12)

TOTAL, PRE-PHARMACY

73

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) 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.

BIO 1010/1011	Principles of Biology and Lab (4)
BIO 1020/1021	Introduction to Biological Diversity and Lab (4)
Anatomy and Physiology series:	
BIO 2310	Intro to Anatomy & Physiology I (4) and

BIO 2320	Intro to Anatomy & Physiology II (4) OR
BIO 3120	Animal Physiology and (5)
BIO 3230	Comparative Anatomy (5)
CHM 1010/1011	College Chemistry I and Lab (4)
CHM 1020/1021	College Chemistry II and Lab (4)
ENG 1010-1020	Composition (6)
MTH 1110/1210	Pre-calculus I/II (6) OR
MTH 2040	Calculus I (4)
MTH 1180	Elementary Probability and Statistics (3)
PHY 1010/1011	Introduction to Physics I and Lab (5)
PHY 1020/2020	Introduction to Physics II and Lab (5)
PSY 1100	Introduction to Psychology (3)
Humanities Electives	(6)
Psychology Elective	(3)
Social Science Electives	(6)
General Electives	(29-30)

TOTAL, PRE-PHYSICAL THERAPY

96-101

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 ASTRONOMY

AST 1010: Introduction to Astronomy I (3)

Pre- 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.

AST 1011: Introduction to Astronomy Laboratory I (1)

Pre- or corequisite: AST 1010

Laboratory component of AST 1010. In addition to lab exercises which will complement the AST 1010 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.

AST 1020: Introduction to Astronomy II (3)

Prerequisite: AST 1010

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.

AST 1021: Introduction to Astronomy Laboratory II (1)

Prerequisite: AST 1011

A continuation of AST 1011. We will continue to do lab exercises to complement the lecture material in AST 1020, 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.

AST 1950, 1951: Special Topics in Astronomy (1-3, 1-3)

Prerequisite: Permission of instructor

An introductory level special topics course.

AST 4950, 4951: Special Topics in Astronomy (1-3, 1-3)

Prerequisite: Permission of instructor

Pursuit of some subject which is not normally covered in regularly scheduled classes. (May be used in the Physics minor.)

COURSES IN BIOCHEMISTRY

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 (4)

Prerequisite: 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.

BCH 4980: Biochemistry Seminar I (1)

Pre- or co-requisite: 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)

Pre- or co-requisite: BCH 3020; Prerequisite: BCH 4980

Students will conduct an extensive literature review and give a public presentation on a biochemical topic.

COURSES IN BIOLOGY

BIO 1010: Principles of Biology (3)

Pre- 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 alternate weeks and includes one lecture hour and two laboratory hours.

BIO 1020: Introduction to Biological Diversity (3)

Pre-requisite: BIO 1010/1011, or permission of instructor

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)

Pre-requisite: BIO 1010/1011, 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. Three laboratory hours.

BIO 2010: Topics in Cell Biology (3)

Prerequisites: BIO 1020/1021, or permission of instructor

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 (4)

Prerequisites: BIO 1020/1021; or permission of instructor

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.

BIO 2020: Ecology and Evolutionary Processes (3)

Prerequisites: BIO 1020/1021 or permission of instructor

An introduction to systematic biology, population genetics, evolutionary theory, physiological and population ecology, and ecosystem structure and function. Three lecture hours. Dual listing with ENV 2020.

BIO 2025: Biostatistics (3)

Prerequisites: BIO 1020/1021 and MTH 1180, or permission of instructor

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 2310: Introduction to Anatomy and Physiology I (4)

Prerequisites: Nursing majors: BIO 1010/1011, CHM 1005. Science majors: BIO 1020/1021, CHM 1020/1021

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. The course will have a common theme of homeostasis. The laboratory includes study of human models, computerized tutorials, dissections, and microscopy.

BIO 2320: Introduction to Anatomy and Physiology II (4)

Prerequisites: BIO 2310

An introduction to principles of anatomy and physiology for students intending to complete the Nursing program. This is the second semester a two-semester course to give students an understanding of human

form (anatomy) and function (physiology). Students will learn anatomy and physiology using a systems approach. The course will have a common theme of homeostasis. The laboratory will include the study of human cadavers, models, computerized tutorials, and microscopy.

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 (5)

Prerequisite: 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 Cell Function (5)

Prerequisites: BIO 2010, BIO 2015

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 (5)

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, with emphasis on the molecular, cellular and genetic basis of the developmental process. Historical and current research strategies will be discussed. The lab utilizes model systems and current experimental strategies to elucidate basic developmental processes. Three lecture hours and three laboratory hours. Due to the use of live organisms, additional lab hours are usually required.

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 (5)

Prerequisites: BIO 1010/1010, BIO 1020/1021; 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. Six class and laboratory hours.

BIO 3220: Biomechanics (3)

Prerequisite: BIO 2020

An introduction to the biomechanics underlying animal locomotion in aquatic, aerial, and terrestrial systems. The study of form and how it can be used to understand adaptations in various environments will be covered, including insights into fossil specimens. Three lecture hours.

BIO 3230: Comparative Anatomy (5)

Prerequisites: BIO 1010/1011 and BIO 1020/1021 or equivalent

A comparative study and examination of fine and gross anatomy of vertebrate organisms, emphasizing the various tactics for survival. Laboratory requires extensive dissections, which can include the dissection of amphibians, reptiles, fish, and small mammals. Three lecture hours and three laboratory hours.

BIO 3240: Evolutionary Morphology of Plants (5)

Prerequisite: BIO 1020/1021

The first half of the semester will be a comparative morphological study of the major extant plant groups with focus on those structures that distinguish the groups into evolutionary lineages. The second half will be a systematic study of the morphological features of members of our local flora and the system by which they have been taxonomically arranged.

BIO 3250: Local Flora (2)

Prerequisite: BIO 3240

An introduction to the systematic study of vascular plants native to the area. Offered Spring semesters during the second half of the semester. Six laboratory and class hours.

BIO 3260: Vertebrate Zoology (5)

Prerequisite: Eight hours of introductory biology or permission of instructor

A survey of the evolution and natural history of the vertebrates. Six class, laboratory, or field hours.

BIO 3270: Invertebrate Zoology (5)

Prerequisites: BIO 1010/1011 and BIO 1020/1021, or equivalent

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 3310: Symbiosis (3)

Prerequisite: BIO 2020

A course that introduces the diversity of interactions that occur among prokaryotes, fungi, protists, plants and animals in various combinations. The interactions considered will cover the spectrum from obligate mutualism to obligate parasitism. Three lecture hours.

BIO 3320: Advanced Ecology (5)

Prerequisites: BIO 2020, BIO 2025

An examination of current topics in ecology with an emphasis on physiological, behavioral, and evolutionary ecology. The laboratory will integrate common field techniques with experimental design. Three lecture and three laboratory hours.

BIO 3330: Conservation Biology (3)

Prerequisite: BIO 2020

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 2020

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 two lab hours per week.

BIO 3510: Natural History of the Appalachians (3)

Prerequisite: Eight hours of biology or permission of instructor

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 (5)

Prerequisite: 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: BIO 1020 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, 3861: Cooperative Education Project I (1-6, 1-6)

Students can obtain information from the Department Chair.

BIOL 3980: Preparing for Life as a Scientist I (1)

Prerequisites: BIO 1020/1021

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

Using the scientific literature and in consultation with a faculty member, students will develop a novel grant proposal for a research project in the biological sciences and publicly present the proposal to their peers.

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 4130: Regulation of Transcription (3)

Prerequisites: BIO 3110, BIO 3600

A discussion of the role transcription factors play in determining the fate of a cell. Topics to be covered include a detailed look at the process of transcription, transcription factors, the physical relationship between DNA and transcription factors, and the role of transcription factors in development. Three lecture hours.

BIO 4210: Mycology (3)

Prerequisites: BIO 2015, BIO 2020

This course will take a phylogenetic view of fungal diversity and consider the significance of fungi to humans. Three lecture hours.

BIO 4220: Microbial Diversity (3)

Prerequisites: BIO 2020, BIO 3210

A course dealing with the biology and economic significance of microscopic organisms from all three domains of life. 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: BIO 2010, CHM 3010

A course dealing with the sources, biochemistry, and pharmacology of plant-derived drugs, including 'herbal' medicines. Three lecture hours.

BIO 4860, 4861: Cooperative Education Project II (1-6, 1-6)

Students can obtain information from the Department Chair.

BIO 4700: Biology Professional Internship (1)

Prerequisites: BIO 2020/2025; or 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)

Prerequisites: BIO 1010/1011, BIO 1020/1021

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 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)

Pre- or co-requisites: BIO 2015, BIO 2025

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. This course is only an addition to and not a substitution for any portion of the major requirement in biology. Copies of the contract for Independent Study may be obtained in the Natural Science office.

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

CHM 1005: Chemistry for Nurses (4)

Pre-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 and three laboratory hours per week.

CHM 1010: College Chemistry I (3)

Pre- or co-requisite: MTH 1010 or higher placement

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)

Pre- or corequisite: Chm 1010

Laboratory component of CHM 1010. Emphasis on experimentation from topics in CHM 1010. One lecture and two laboratory hours. Meets alternate weeks.

CHM 1020: College Chemistry II (3)

Prerequisite: 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)

Pre- or co-requisite: CHM 1020; Prerequisite: CHM 1011

Laboratory component of CHM 1020. Emphasis on experimentation from topics in CHM 1020. One lecture and two laboratory hours. Meets alternate weeks.

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 (3)

Pre- 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 (3)

Pre- or co-requisite: 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, 1021

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 (3)

Prerequisite: 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.

CHM 3210: Quantitative Analytical Chemistry (7)

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. Three class hours, six laboratory hours.

CHM 3220: Instrumental Methods of Analysis (7)

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, six laboratory hours.

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 alternate years.

CHM 3310: Introduction to Physical Chemistry (5)

Prerequisite: CHM 1020/1021, MTH 2040

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, one three-hour laboratory.

CHM 3330: Physical Chemistry I (6)

Prerequisite: CHM 1020, 1021 and one semester of calculus

A survey of theoretical chemistry emphasizing classical thermodynamics, states of matter, chemical equilibrium, and electrochemistry. Three lecture and four laboratory hours per week. Offered alternate years.

CHM 3340: Physical Chemistry II (6)

Prerequisite: CHM 3330

A survey of theoretical chemistry including reaction kinetics, quantum chemistry, and statistical thermodynamics. Three lecture and four 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 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 (3, 3)

Prerequisite: Permission of instructor

An original investigation under the direction of a member of the staff. Nine laboratory hours.

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

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 2020: Ecology and Evolutionary Processes (3)

Prerequisites: BIO 1020/1021 or permission of instructor

An introduction to systematic biology, population genetics, evolutionary theory, physiological and population ecology, and ecosystem structure and function. Three lecture hours. This course is also listed as BIO 2020: Ecology and Evolutionary Processes.

ENV 3010: Land Restoration (4)

Prerequisites: CHM 1010/1011, BIO/ENV 2020, or permission of instructor

Basic principles of soils and plant materials involved in restoring productivity to drastically disturbed lands. Chemistry of soils emphasized. Three hours lecture, three hours laboratory or field work per week. Offered alternate years.

ENV 3020: Environmental Geology (3)

Pre- or corequisites: 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. This course is also listed as GLG 3240: Environmental Geology.

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 alternate years.

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

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)

Pre- or co-requisite: GEO 2010

Laboratory component of GEO 2010. Three laboratory hours per week. (Note: Students who take GEO 2010/2011 may not receive General Education 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 general education science requirement.

COURSES IN GEOLOGY

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)

Prerequisite: GLG 1010 or BIO 1010/1011 or BIO 1020/1021

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 3020: Environmental Geology (3)

Pre- or corequisites: 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)

Pre- or corequisites: 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 4010: Hydrogeology (4)

Prerequisites: GLG 3030; MTH 2040; PHY 1010/2010 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 4950, 4951: Special Topics in Geology (1-3, 1-3)

COURSES IN NATURAL SCIENCE

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.

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.

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. Inquiry-based field or laboratory exercises will account for a quarter to a half of the class time. This course counts toward general education laboratory science credit but 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.

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

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)

Pre- 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; pre- 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 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)

Pre-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/Co-requisites: 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; pre- 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 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 semester hours of credit per semester.

PHY 4970: Independent Study (1-3)

COURSES IN SCIENCE EDUCATION

SCI 3000: Introduction to Science Education for the PreK-6 Teacher (2)

Pre- or co-requisite: EDU 2510

This course is an introduction to the field of science education for students intending to teach in grades preK-6. As a foundational course in science education methodology, this course provides a standards-based exploration of topics such as constructivism, conceptual change, inquiry-based instruction, traditional and alternative assessments in science, and national and state science standards. Students will be required to complete 20 hours of supervised observation in a preK-8 science classroom.

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 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 physical science. Laboratory exercises will be a critical component of the course. Topics covered will include matter, heat, magnetism, light, sound, static and current electricity, and simple machines, among others. (This course may partially satisfy the General Education laboratory science requirement for students in the preK-6 licensure program only.)

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 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 earth science. Laboratory exercises will be a critical component of the course. Topics covered will include rocks and minerals, oceans, weather, aerial and

space flight, and astronomy, among others. (This course may partially satisfy the General Education laboratory science requirement for students in the preK-6 licensure program only.)

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 General Education 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 provides a standards-based exploration of such topics as: constructivism, conceptual change, inquiry-based instruction, traditional and alternative assessments in science, 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 a biology or chemistry or earth science classroom. (SCI 4010 will not satisfy the General Education requirement nor count toward a major or minor within the Department of Natural Sciences.)

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.

DEPARTMENT OF NURSING

Chair: Cathleen A. Collins

D. Loretha Boggs, Debra L. Carter, Tauna Gulley, Dawn L. Meade, Rebecca Mullins

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 general education 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 Program 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 Program is a program for registered nurses who have either a diploma or an associate degree in nursing. The RN to BSN Program has been specifically designed for the working registered nurse student. The 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 curriculum is also intended to prepare the registered nurse for graduate studies for advanced practice nursing. **NOTE: The RN-BSN program is currently undergoing revision and may not be available for matriculation this academic year (2013-14). Please contact the Department Chair for more information.**

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.

Goals

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

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 general education requirements:

- BIO 1010 and BIO 1011, CHM 1005 (or other equivalent chemistry course and laboratory)
- Enrollment in Anatomy and Physiology I and II (BIO 2310 and BIO 2320)

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. A 2000-level Anatomy and Physiology sequence is required.

- Completion of English sequence
- 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
- PSY 1100
- SOC 1100
- 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 general education requirements in the nursing major.
- Minimum science GPA of 2.75 on a 4.0 scale for Chemistry, Biology, and Anatomy and Physiology sequences.
- No grade less than a “C-” will be accepted for any general education 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 “proficient.”

Candidates may be awarded provisional acceptance following the application process. All general education 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

NOTE: The RN-BSN program is currently undergoing revision and may not be available for matriculation this academic year (2012-13). Please contact the Department Chair for more information.

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 semester hours of general education 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)
- Successful completion of the NCLEX-RN examination prior to enrolling in upper division clinical nursing courses
- 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 general education 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 general education 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 general education 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.

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 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 general education requirements that all students who graduate from UVa-Wise must meet, and the upper division nursing major.

BACHELOR OF SCIENCE IN NURSING

PRE-LICENSURE PROGRAM

	semester hours
General education requirements	53
BIO 2310 Introduction to Anatomy and Physiology I	4
BIO 2320 Introduction to Anatomy and Physiology II	4
Nursing major	65

Required Courses:

NUR 2100	Health Promotion and Nutrition Across the Lifespan (3)
NUR 3000	Fundamentals of Nursing Practice (3)
NUR 3010	Fundamentals of Nursing Practice Clinical (3)
NUR 3030	Basic Skills and Clinical Simulation Lab (2)
NUR 3100	Pathophysiology (3)
NUR 3130	Health Assessment (2)
NUR 3140	Health Assessment Lab (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 Skills and Clinical Simulation Lab (1)
NUR 4030	Advanced Skills and Clinical Simulation Lab (1)
NUR 4300	Advanced Concepts in Nursing (3)
NUR 4310	Advanced Concepts in Nursing Clinical Laboratory (3)
NUR 4400	Acute Nursing Care of Childbearing Families (3)
NUR 4410	Acute Nursing Care of Childbearing Families Clinical Laboratory (3)
NUR 4600	Community Health Nursing (3)
NUR 4610	Community Health Nursing Clinical Laboratory (3)
NUR 4710	Evidence-Based Nursing Practice (3)
NUR 4800	Health Care Leadership and Management (3)
NUR 4810	Health Care Leadership and Management Clinical Laboratory (1)
NUR 4930	Synthesis of Professional Nursing Practice (3)
NUR 4940	Synthesis of Professional Nursing Practice Clinical Laboratory (2)

TOTAL, PRE-LICENSURE PROGRAM

126

SAMPLE Course Outline for Pre-Licensure Baccalaureate Nursing Program

FIRST YEAR

Fall	Spring
ENG 1010* (3)	ENG 1020* (3)
SEM 1010* (1)	SEM 1020* (1)
Language* (3)	CHM 1005 (4)
MTH 1010* (3)	Language* (3)
Physical Education* (1)	ART* (3)
BIO 1010 (3)	SOC 1100* (3)
BIO 1011 (1)	

TOTAL (15)

TOTAL (17)

SECOND YEAR

Fall	Spring	Summer
BIO 2310 (4)	BIO 2320 (4)	MTH 1180 (3)
PHI 1030* (3)	Literature* (3)	
Western Heritage* (3)	Western Heritage* (3)	
PSY 1100* (3)	NUR 3130 (2)	
Social Science* (3)	NUR 3140 (1)	
	NURS 2100 (3)	

* General Education requirements, with Department-specific courses

TOTAL (16)	TOTAL (16)
THIRD YEAR	
Fall	Spring
NUR 3000 (3)	NUR 3400 (3)
NUR 3010 (3)	NUR 3410 (3)
NUR 3030 (2)	NUR 3500 (3)
NUR 3300 (3)	NUR 3510 (2)
NUR 3100 (3)	NUR 3530 (1)
	NUR 3310 (3)

TOTAL (14)	TOTAL (15)
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FOURTH YEAR	
Fall	Spring
NUR 4300 (3)	NUR 4600 (3)
NUR 4310 (3)	NUR 4610 (2)
NUR 4400 (3)	NUR 4800 (3)
NUR 4410 (3)	NUR 4810 (1)
NUR 4030 (1)	NUR 4930 (3)
NUR 4710 (3)	NUR 4940 (2)

TOTAL (16)	TOTAL (14)
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TOTAL HOURS	126
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BACHELOR OF SCIENCE IN NURSING RN TO BSN PROGRAM

The RN to BSN Program has two specific tracts. Registered nurses may choose ONE of the two options.

NOTE: According to UVa-Wise policy for graduation, students must complete at least 58 semester hours in a regionally accredited four-year college or university. They must complete at least 45 hours through UVa-Wise.

	semester hours
OPTION ONE - Not Available at This Time	
RN to BSN Program - Bachelor of Science in Nursing (BSN) with a minor in Leadership Studies	
Lower division courses in nursing by transfer from a community college or validation of diploma program course work	30
General education requirements (Note: MTH 1180: Probability and Statistics is required.)	51
Nursing Major (Upper division)	23

REQUIRED COURSES

NUR 3100	Pathophysiology (3)
NUR 3130	Health Assessment (2)

NUR 3150	The Professional Role (3)	
NUR 3140	Health Assessment Laboratory (1)	
NUR 3700	Nursing Research (3)	
NUR 3300	Pharmacology (3)	
NUR 4600	Community Health Nursing (3)	
NUR 4650	Community Health Clinical Laboratory Practicum (2)	
NUR 4800	Health Care Leadership and Management (3)	

semester hours

LEADERSHIP STUDIES MINOR (Interdisciplinary)		18
LDS/BUS 3750: Organizational Leadership (3) (required)		
Elective courses for the minor (15 credit hours required; courses must be in at least three different disciplines):		
BUS 3310: Principles of Management (3)		
(Students taking BUAD 3310 may not take BUAD 4590.)		
BUS 3350: Keys to Success (3)		
BUS 3410: Conflict Management (3)		
BUS 3510: Human Resource Management (3)		
BUS 3620: Social Issues & Business Ethics in Management (3)		
BUS 4590: Organizational Behavior (3)		
(Students taking BUS 4590 may not take BUS 3310.)		
COM 3400: Business & Professional Communication (3)		
COM 4400: Organizational Communication (3)		
ENG 3110: Women in Literature (3)		
HIS 3650/4650: Women in American History (3)		
POL 3110: Introduction to Public Administration (3)		
PSY 3060: Cultural Diversity (3)		
PSY 3200: Health Psychology (3)		
PSY 4950: Human Motivation (3)		
SOC 3120: Community & Social Change (3)		
SOC 3310: Social Psychology (3)		
SOC 3400: Complex Organizations (3)		
SOC 3600: Sociology of Race & Ethnicity (3)		

TOTAL, RN TO BSN, OPTION ONE

122

OPTION TWO - Not Available at This Time

RN to BSN Program - Bachelor of Science in Nursing (BSN) - does not include the Leadership Studies minor.

General education requirements	51
(Note: MTH 1180 Probability and Statistics is required)	
Lower division courses in nursing by transfer from a community college or validation of diploma program course work	30
Nursing Major Core requirements:	29
NUR 3100: Pathophysiology (3)	
NUR 3130: Health Assessment (2)	
NUR 3150: The Professional Role (3)	
NUR 3140: Health Assessment Laboratory (1)	

NUR 3180:	Nursing Theory (3)
NUR 3700:	Nursing Research (3)
NUR 3300:	Pharmacology (3)
NUR 4600:	Community Health Nursing (3)
NUR 4650:	Community Health Clinical Laboratory Practicum (2)
NUR 4800:	Health Care Leadership and Management (3)
NUR 4960	Independent Study for special topics (3)

Electives 10

TOTAL, RN TO BSN, OPTION TWO 120

COURSES IN NURSING

NUR 2100: Health Promotion and Nutrition Across the Lifespan (3)

Prerequisite: Admission to the nursing major

Co-requisite: 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

Co-requisites: 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, NUR 3130, NUR 3140

Co-requisites: NUR 3000, NUR 3030, NUR 3100, NUR 3300

This course is the clinical component of NURS 3000: Fundamentals of Nursing, and consists of 126 hours of clinical experience.

NUR 3030: Basic Nursing Simulations and Skills Laboratory (2)

Prerequisite: NUR 2100, NUR 3130, NUR 3140

Co-requisites: 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, including the safe administration of medications. Nursing care techniques, medication dosage calculation, medication administration 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 3150: The Professional Role (3) (RN to BSN students only)

Prerequisite: Admission to the nursing major

Expanded knowledge about nursing and health care related to differentiated nursing practice, community-based nursing, education about healthy life-styles, and clinical reasoning.

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 3180: Nursing Theory (3) (RN to BSN students only)

Prerequisite: Admission to the nursing major

Analysis of selected theoretical approaches and discussion of philosophy and issues related to a variety of concepts and theories.

NUR 3300: Pharmacology I (3)

Prerequisites: NUR 2100, NUR 3130, NUR 3140 or RN to BSN Admission to the nursing major

Corequisite: NUR 3000, NUR 3010, NUR 3030, NUR 3100

This courses 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, 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, 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, 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, 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

Co-requisites: NUR 3310, NUR 3400, NUR 3410, 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

Co-requisites: NUR 4300, NUR 4310, NUR 4400, NUR 4410, 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 4300: Advanced Concepts in Clinical Nursing (3)

Prerequisites: All junior level nursing courses

Co-requisites: NUR 4030, NUR 4310, NUR 4400, NUR 4410, 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

Co-requisites: NUR 4030, NUR 4300, NUR 4400, NUR 4410, 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

Co-requisites: NUR 4030, NUR 4300, NUR 4310, NUR 4410, 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)

Co-requisites: NUR 4030, NUR 4300, NUR 4310, NUR 4400, 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

Co-requisites: 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

Co-requisites: NUR 4600, NUR 4800, NUR 4810, NUR 4930, 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

Co-requisite: 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)

Co-requisite: 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)

Co-requisite: 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 4710: Evidence Based Nursing Practice (3)

Prerequisite: (Pre-licensure) All junior level nursing courses; (RN to BSN) Admission to the nursing major

Corequisite: NUR 4030, NUR 4300, NUR 4310, NUR 4400, 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, 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

Co-requisite: NUR 4600, NUR 4610, NUR 4800, NUR 4930, 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 4930: Synthesis of Professional Nursing Practice (3)

Prerequisites: All lower division nursing courses and general education requirements; must be enrolled in last semester of nursing education.

Corequisite: NUR 4600, NUR 4610, NUR 4800, NUR 4810, 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.

Corequisite: NUR 4600, NUR 4610, NUR 4800, NUR 4810, 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)

DEPARTMENT OF SOCIAL SCIENCES

Chair: Bryan Hoyt

Ashley Leigh Dickinson, Kristina Feeser, James Horton, Garrett W. Sheldon, Madelynn Druhen Shell, Eric Drummond Smith, Patrick Withen, 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 general education component of the College.

For all majors in the department, a grade point average of 2.5 or higher is required for admission as well as for all core requirements.

Minors are available in administration of justice, government, political science, pre-law, psychology, and sociology. A minor consists of a minimum of 18 semester hours, 12 of which must be at the 300 level or above. 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

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.

ADMINISTRATION OF JUSTICE CORE CURRICULUM

Each student is required to take each of the following core curriculum courses:

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 (3)
CSC 1100	Computer Literacy (3)
PSY 3060	Cultural Diversity (3)
PSY 4010	Abnormal Psychology (3) OR
PSY 4020	Personality (3)
SOC 3600	Sociology of Race and Ethnicity (3)

*The sequence AJU 3025 and AJU 3030 may be substituted for the core requirement of AJU 3015.

Students who plan to go to graduate school are encouraged to take the two course sequence.

	semester hours
TOTAL, ADMINISTRATION OF JUSTICE CORE	24
18 hours selected from upper division (3000 to 4000 level) AJU courses	18
TOTAL, ADMINISTRATION OF JUSTICE MAJOR	42

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.

BACHELOR OF SCIENCE IN SOCIAL SCIENCE PSYCHOLOGY MAJOR

The psychology major emphasizes skills which 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.

Core Requirements

- 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: Child Development (3) OR
- PSY 4740: Adolescent Development (3) OR
- PSY 4780: Life Span Development (3)
- PSY 3080: Psychology of Learning (3) OR
- PSY 4070: Cognitive (3)
- PSY 4010: Abnormal Psychology (3) OR
- PSY 4020: Personality (3)
- PSY 4990: Senior Seminar (3)

TOTAL, PSYCHOLOGY CORE	24
UPPER DIVISION ELECTIVES	27
TOTAL, PSYCHOLOGY MAJOR	51

*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 (3)
- PSY 4070: Cognitive Psychology (3)
- PSY 4150: Sensation and Perception (3)
- PSY 4970: Independent Research (3)

*Students interested in counseling, related fields in mental health, or graduate study in counseling or

social work should take the following electives:

- PSY 3350: Human Motivation (3)
- PSY 3410: Mental Tests and Evaluative Techniques (3)
- PSY 4010: Abnormal Psychology (3)
- PSY 4020: Personality (3)
- PSY 4770: Theories of Psychotherapy (3)
- PSY 4800: Counseling Techniques (3)
- PSY 4850: Practicum in Psychology (3)

*The above lists are suggested courses for electives based on the student's field of interest. It is not a comprehensive list of electives.

MINOR IN PSYCHOLOGY

A minor in Psychology consists of PSY 1100, PSY 3025, PSY 3030, PSY 3300, PSY 4070 OR PSY 3080, PSY 4010 OR PSY 4020 and PSY 4720 OR PSY 4740 for a total of 21 hours. Students may select from any other Psychology electives also.

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 41 total credits. Of those 41 credits, 26 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.

	semester hours
All of the following courses are required:	16
CSC 1100 Computer Literacy (3)	
SOC 1100 Introduction to Sociology (3)	
SOC 1200 Contemporary Social Problems (3)	
#SOC 3015 Integrated Statistics and Methodology for the Social Sciences (3)	
*SOC 4990 The Project of Sociology (capstone course) (4)	

Two of the following courses are required:	6
SOC 3300 Sociology of Gender (3)	
SOC 3400 Complex Organizations (3)	
SOC 3500 Criminology (3)	
SOC 3600 Sociology of Race and Ethnicity (3)	

One of the following two courses are required: *SOC 4100 Classical Sociological Theory (4) *SOC 4200 Modern Sociological Theory (4)	semester hours 4
Five upper-division sociology courses approved by advisor, as electives, are required	15
TOTAL, SOCIOLOGY MAJOR	41

#The sequence SOC 3025 and SOC 3030 may be substituted for the core requirement of SOC 3015. Students who plan to go to graduate school are encouraged to take the two course sequence.

*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 3040: 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 (capstone course). 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 the sophomore year.

MINOR IN SOCIOLOGY

A minor includes at least 18 semester hours in sociology, 12 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

Government Core	9
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)	
Foreign Affairs Core	6
POL 4810 International Relations (3)	
POL 4820 American Foreign Policy (3)	
Comparative Politics Core	9
Nine hours selected from upper-level courses in: Comparative Government (POL 3050, Pol 3060, POL 3070, POL 3080, POL 3090)	
Twelve hours selected from upper-level courses in: Comparative Government (POL 3050, POL 3060, POL 3070, POL 3080, POL 3090). The same course cannot be used to fulfill this requirement and the above requirement. Political Theory (POL 4010, POL 4020, POL 4040, POL 4060) Administration of Justice (AJU 3030) Economics (ECO 3120, ECO 3250, ECO 4100, ECO 4160, ECO 4200)	12

Foreign Studies (FST 4970)

History (HIS 3120/4120, HIS 3160/4160, HIS 3170/4170, HIS 3230/4230, HIS 3260/4260, HIS 3270/4270, HIS 3300/4300, HIS 3410/4410, HIS 3420/4420, HIS 3430/4430, HIS 3440/4440, HIS 3450/4450, HIS 3460/4460, HIS 3515/4515, HIS 3520/4520, HIS 3551/4551, HIS 3600/4600, HIS 3640/4640)

Religion (REL 3010)

Sociology (SOC 3030, SOC 3300, SOC 3400, SOC 3450, SOC 3600, SOC 4100, SOC 4200)

And/or seminars in Political Science, Administration of Justice, Anthropology, Economics, Geography, History, or Sociology as approved by advisors.

Students pursuing a concentration in Foreign Affairs are required to have a second year of one foreign language as approved by their advisor. Language requirements may be taken either at UVa-Wise or at another institution with advisor approval.

Foreign Language	semester hours 6
TOTAL, FOREIGN AFFAIRS CONCENTRATION	42

**BACHELOR OF ARTS IN SOCIAL SCIENCE
GOVERNMENT MAJOR
CONCENTRATION IN POLITICAL SCIENCE**

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

21 hours selected from upper-level courses in:
American Government (POL 3220, POL 3510, POL 3610,
POL 3810, POL 4500, POL 4720, POL 4730)
Political Theory (POL 4010, POL 4020, POL 4040,

POL 4060, POL 4500)
International Relations (POL 3050, POL 3060, POL 3070,
POL 3080, POL 3090, POL 4810, POL 4820)
(At least 3 hours must be selected in each area.)

Six hours of additional upper-level work in:
Political Science, Economics and History
as approved by advisors

TOTAL, CONCENTRATION IN POLITICAL SCIENCE	36
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MINOR IN GOVERNMENT

A minor in Government consists of:
POL 1010, POL 4010, POL 4020, POL 4810, one upper-level American politics course, one upper-level comparative politics course, and one other upper-level elective course for a total of 21 hours.

MINOR IN PRE-LAW

Coordinator: Eric Drummond Smith

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. Pre-Law Minors are required to complete PHI 1030, POL 1010, POL 3510, BUS 3510, BUS 3160, POL 4720, and POL 4730 for a total of 21 hours.

LICENSURE TO TEACH

All majors in government seeking a license to teach with an endorsement in history and social science must complete 18 semester hours in history, six semester hours in geography, and six semester 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

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 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 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

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

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 general education 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 general education 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

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 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 effect our health.

PSY 3300: Biopsychology (3)

Prerequisites: 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 (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 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 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 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

The principles and processes of human development, interaction of heredity and experience. Major aspects of the personality (motive, emotion, intellect, etc.) are traced through experimental stages, and their characteristic interaction in organized behavior examined.

PSY 4740: Adolescent Development (3)

Prerequisite: PSY 1100

Human growth and development with emphasis on the period of adolescence.

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 4800: Counseling Techniques (3)

Prerequisite: PSY 3060

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 4850: Practicum in Psychology (3)

Prerequisites: PSY 4800

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 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 SOCIOLOGY

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 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 (4)

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 (4)

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 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 (4)

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.

DEPARTMENT OF VISUAL AND PERFORMING ARTS

Chair: Suzanne Adams-Ramsey

Michael Cox, Richard Galyean, Michael Hunt, Ben Mays, Michael McNulty, Donnie Sorah, Ray Stratton, David Volk

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 which may fulfill the general education 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 freshman 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 Department Chair 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

Coordinator: Suzanne Adams-Ramsey

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.

Students will complete the following sequence of courses and portfolio reviews:

	semester hours
Freshman Year: 12 credit hours of Foundations Courses	
ART 1010 Basic 2-D Design	3
ART 1200 Basic Painting	3
ART 1210 Drawing I	3
Plus a minimum of three additional CONTEXTUAL / SUPPORT hours selected from the following:	3
ART 1920 Printmaking (3)	
ART 1030 Basic 3-D Design (3)	
ART 1040 Intro to Graphic Design (3)	
ART 2400 Digital Imaging (3)	
Sophomore Year: 18 credit hours of Intermediate Courses	
ART 3200 Intermediate Painting	3
ART 3500 History of Art I	3
ART 3510 History of Art II	3
Plus a minimum of nine additional CONTEXTUAL / SUPPORT hours selected from the following:	9
ART 2230 Theory and Practice of Ceramics (3)	
ART 2310 3-D Design/Sculpture (3)	
ART 2951 Intermediate Printmaking (3)	
ART 2952 Drawing II (3)	
ART 2953 Bookarts (3)	
ART 3100 Black and White Photography (3)	

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.

Only after completing a minimum of 18 hours from the above list of courses, and receiving a positive portfolio review, will students be allowed to register for Junior Studio Seminar.

	semester hours
Junior Fall Semester: min. 6 credit hours of Upper Division Courses	
ART 3980 Junior Studio Seminars I (3)	3
Plus a minimum of three additional CONTEXTUAL / SUPPORT hours selected from the list below.	3
Required participation in a juried exhibition of work	
Positive semester summary review by the Faculty	
Junior Spring Semester: min. 6 credit hours of Upper Division Courses	
ART 3990 Junior Studio Seminars II (3)	3
Plus a minimum of three additional CONTEXTUAL / SUPPORT hours selected from the list below.	3
Required participation in a juried exhibition of work	
Positive semester summary review by the Faculty	
Senior Fall Semester: min. 6 credit hours of Upper Division Courses	
ART 4980 Senior Studio Seminars II (3)	3
Plus a minimum of three additional CONTEXTUAL / SUPPORT hours selected from the list below.	3
Required participation in a juried exhibition of work	
Positive semester summary review by the Faculty	
Senior Spring Semester: min. 6 credit hours of Upper Division Courses	
ART 4990 Senior Studio Seminars I (3)	3
Plus a minimum of three additional CONTEXTUAL / SUPPORT hours selected from the list below.	3
Required participation in a juried exhibition of work	
Positive semester summary review by the Faculty	
Junior/ Senior level suggested CONTEXTUAL / SUPPORT courses	
ART 3000 Theory and Practice of Critique (1,1,1,1)	
ART 3100 Black and White Photography (3)	
ART 3200 Intermediate Painting (3)	
ART 3201 Watercolor (3)	
ART 3230 Wheel Thrown Ceramics (3)	
ART 3520 20th Century Art (3)	
ART 3950 Gallery Internship (1,1,1,1)	
ART 4200 Advanced Painting (3)	
ART 4710 Advanced Studio Practice (3)	
ART 4951 Life Drawing (3)	
Many alternate CONTEXTUAL / SUPPORT course options are available, contingent upon pre-approval by the Department Chair.	

Note: Art majors may not use any of the above courses to fulfill a general education requirement.

TOTAL SEMESTER HOURS, ART MAJOR

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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.

MINOR IN ART

Coordinator: Suzanne Adams-Ramsey

A minor in art consists of a minimum of 18 semester 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

ART 1000: Introduction to Art (3)

Prerequisite: Freshman status or permission of instructor

A general survey of visual art for non-majors which introduces students without previous art experience to studio exercises in drawing, painting, and two-dimensional design. Emphasizes perception and visualization skills, 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, THT 1150 or permission of instructor

Design and construction of three-dimensional forms by additive, subtractive, and assemblage methods. Maybe repeated once for credit.

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 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, permission of instructor, and ART 3850, 3860.

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 his/her 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 his/her senior exit exhibit at the end of each term.

BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

MUSIC MAJOR

Coordinator:

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 thirty-minute lecture recital typically given during the Junior or Senior year.

	semester hours
Required Applied Music and Recital Courses	10
MUS 14xx Applied Music: Principal Instrument (2-2)	
MUS 24xx Applied Music: Principal Instrument (2-2)	
(Applied Music course numbers are determined by the instrument studied. See course listings below for specific course numbers.)	
MUS 3900 Junior Lecture Recital (2)	
Required Music Theory Courses	14-16
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)

*Students who complete MUS 1551 and MUS 1553 with grades of "A" are permitted to take one or two courses from the Advanced Theory Music Sequence *MUS 3551-3554) in lieu of MUS 2551 and/or 2553.

	semester hours
Required Applied Music Secondary/Piano Courses	2
MUS 1252 Intermediate Class Piano (1)	
MUS 2251 Advanced Class Piano (1)	

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 (chosen from MUS 1231, MUS 1265, or MUS 13xx [1311-1371]).

Required Music History Courses	9
MUS 3038 Popular and World Music (3)	
MUS 4531 Music History I (3)	
MUS 4532 Music History II (3)	

Required Ensemble Participation 4

Ensemble participation each semester is made in consultation with and discretion of the Division of Music faculty. A minimum of 4 credit hours in ensemble participation is required. A minimum of 2 hours of ensemble credit must be earned at the upper division level (completed during the Junior or Senior years). Two hours of ensemble credit must be earned in large ensembles; 2 hours of ensemble credit must be earned in small ensembles. Enrollment in a minimum of one 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 ensembles: Highland Winds, Concert Choir, Marching Band, Highland Chorale

Small ensembles: Wind Ensemble, Highland Cavalier Pep Band, Jazz Ensemble, Brass Ensemble, Bluegrass Ensemble, Highland Singers, Madrigal Choir, Men's Vocal Ensemble, Women's Vocal Ensemble, Chamber Music

Required Orchestration and Conducting Courses	4
MUS 3520 Beginning Conducting (2)	
MUS 3651 Orchestration and Arranging (2)	

Required Music Elective Hours 6

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.

TOTAL, MUSIC MAJOR **49-51**

Note: six hours of MUS course work may be used to fulfill the general education area IX; Arts and area X; Humanities.

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, Piano and Music Literature. Students with deficiencies in these areas may be required to complete some or all of the following course work prior to enrolling in MUS 1551/1553 (Music Theory I/Aural Skills I), MUS 1252 (Intermediate Class Piano), and/or MUS 4531 or 4532 (Music History I or II):

- 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 General Education Humanities or Arts requirements.
- MUS 1251 – Beginning Class Piano (1 hour): required of students who read music, but who do not have basic piano skills. Credit earned in MUS 1251 does not count toward the Music major. Hours may, however, be counted toward the General Education Humanities or Arts requirements.
- MUS 2030 – Music Appreciation (3 hours): required of students who need preparatory work in Music Literature. Credit earned in MUS 2030 does not count toward the Music major. Hours may, however, be counted toward the General Education 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.

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 suitable for the Junior Lecture Recital 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 Junior Lecture Recital, if necessary, but hours earned will not count toward the Applied Music/Recital requirements. Hours earned in MUSI 34xx may be counted as general music electives.

JUNIOR LECTURE RECITAL

The Junior Lecture Recital serves as the "capstone" for the Music major. The Lecture Recital is a minimum 30 minute presentation to be divided equally among performance of repertoire of an appropriate degree of difficulty for Junior-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.

PROFESSIONAL STUDIES CURRICULUM

For students considering future graduate work or other professional studies in music, the Professional Studies Curriculum provides an intensive study of the discipline beyond the BA-Music core curriculum. Application to the Professional Studies Curriculum is made at the time of the sophomore jury and is contingent upon (1) an overall 2.75 college GPA, (2) overall 3.0 music GPA, (3) satisfactory completion of the freshman and sophomore applied music juries, (4) approval of the Division of Music faculty. Students must maintain the requisite GPAs, satisfactory completion of applied music juries, and retain faculty approval to continue in the Professional Studies Curriculum.

The following courses comprise the Professional Studies Curriculum to be completed in lieu of the Required Music Elective Hours of the Bachelor of Arts degree in Music.

	semester hours
Required Applied Music and Recital Courses (Professional Studies Curriculum)	6
MUS 34xx Applied Music: Principal Instrument (2-2)	
MUS 4900 Senior Recital (2)	
Advanced Theory Courses	4
4 hours selected from the following (note: Advanced Theory courses used in lieu of MUS 2551 and MUS 2553, if permitted, may not be used toward the Professional Studies Curriculum):	
MUS 3551 Counterpoint	
MUS 3552 Form and Style	
MUS 3553 Advanced Chromaticism	
MUS 3554 20th Century Styles	
Professional Studies Electives	6
Selected in consultation with Division of Music Faculty	

TEACHER LICENSURE IN MUSIC

All majors in music seeking license to teach with an endorsement in music, Pre-K-12, must complete the following 38 hours of course work in fulfillment of their upper division music elective. To be recommended by the Division of Music to the Teacher Education Program (TEP), a student must have a 3.0 grade point average in all music course work completed at UVa-Wise, with a minimum of 24 credits in music courses taken at the College. (Those students whose grade point average in music course work 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 to the Division of Music in writing). For additional requirements and information relative to the TEP, please contact the Director of Teacher Education.

	semester hours
Select 3 hours from the following Instrumental Techniques:	3
MUS 2511 Instrumental Techniques: Brass (1)	
MUS 2512 Instrumental Techniques: Percussion (1)	
MUS 2513 Instrumental Techniques: Strings (1)	
MUS 2514 Instrumental Techniques: Woodwinds (1)	
(Area of applied principal instrument may be taken, but is not accepted as part of a student's BA- Music degree requirements.)	
Select one of the following conducting courses:	3
MUS 3521 Adv. Conducting and Literature: Choral (3)	
MUS 3522 Adv. Conducting and Literature: Instrumental (3)	
Required Music Education courses:	8
MUS 4712 Elementary Music Education (3)	
MUS 4786 or 4787 Secondary Methods: Choral or Instrumental (2)	
MUS 4711 Classroom Management in Music (3)	
TEP Music Course Electives (selected in consultation with Music Faculty)	3
Professional Studies Requirement:	24
EDU 2510 Foundations/Development of American Education (2)	
EDU 3580 Reading and Language Arts in the Content Areas (3)	
EDU/PSY 3600 Human Growth and Development (3)	
EDU 3690 Inclusion of Exceptional Children (3)	
EDU 4090 Tests and Measurements (1)	
EDU 4943 Teaching Internship, PreK-12 (12)	

Note: The Teacher Education Program (TEP) fulfills the upper division music elective requirement for the music major.

Note: six hours of MUS course work may be used to fulfill the general education area IX; Arts and area X; Humanities.

MINOR IN MUSIC

Coordinator:

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. It does not prepare students to teach music in the public schools. The minor in music is available only to those students who have a background in music performance as a soloist and/or member of an instrumental and choral organization at the high school and college level. Students electing the minor in music will be required to complete an instrumental, vocal, or piano solo entrance audition and examinations in basic musicianship and music literature. Scores on entrance examinations may allow the student to be exempted from some lower level requirements for the minor in music. Courses with a final grade less than C- will not count toward the minor in music.

The minor in music consists of 20 semester hours and will include:

The following lower division courses, designed to prepare the student to understand the concepts of basic musicianship, are to be completed prior to electing courses in applied music and music literature. These courses ensure a minimal piano proficiency and a basic to advanced understanding of music theory. The minimal piano proficiency is demonstrated by successful completion of MUS 1251 and/or the Beginning Class Piano Proficiency Exam or, optionally, MUS 1252 and/or the Intermediate Class Piano Proficiency Exam. The proficiency in Music Theory is demonstrated by successful completion of MUS 1551/1552 and, optionally, MUS 1553/1554. Music minors must complete 8 semester hours chosen from the following courses in consultation with the music coordinator. Course selection will be made based on the student's musical experience and abilities.

	semester hours
Six hours selected below in consultation with the music coordinator:	
Choose two of the following courses based on musical experience:	6
MUS 1010: Introduction to Music Reading (3)	
MUS 1551: Music Theory I (3)	
MUS 1553: Music Theory II (3)	
Choose one of the following courses based on musical experience:	1
MUS 1552: Aural Skills I (1)	
MUI 1554: Aural Skills II (1)	
Choose one of the following courses based on musical experience:	1
MUS 1251: Beginning Class Piano (1)	
MUS 1252: Intermediate Class Piano (1)	
Two sequential semesters of Applied Music:	2
MUS 13xx Applied Music Secondary: Piano, Organ, Voice Woodwinds, Brass, Strings, Guitar, Percussion (may be repeated for credit) Applied music secondary course numbers (1311-1365) are determined by the instrument studied. See course listing for specific course numbers.	
Six hours of music history/literature courses:	6
MUS 2030 Music Appreciation (3)	
Plus one upper division MUS course selected from the following (3):	
MUS 2031/3031 Jazz and Related Styles	
MUS 2032/3032 American Musical Theatre	
MUS 2034/3034 Music in the United States	
MUS 2035/3035 The History of Opera	
MUS 2036/3036 20th Century Music	
MUS 2038/3038 Popular and World Music	
Four hours of ensemble coursework (all ensembles	4

may be repeated for credit).

TOTAL, MUSIC MINOR

20

CERTIFICATE IN PERFORMANCE (FOR MUSIC MINORS)

Music Minors may earn the Certificate in Performance (for Music Minors) upon completion of the following:

- Requirements for the Minor in Music;
- A 30-minute recital developed in consultation with the applied teacher and approved by the Division of Music faculty;
- MUS 1553 and MUS 1554 (if not completed as part of the student's Minor requirements);
- A minimum of four sequential semesters of Applied Music in preparation for the recital (two additional semesters of study beyond the Minor requirements); and
- An additional 3 hours in upper division MUS .

COURSES IN MUSIC

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. One to three 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 to three 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 to three 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 to three 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 to three 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 to three 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 to three hours of lecture/rehearsal each week. 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 to three hours of lecture/rehearsal each week. May be repeated for credit.

MUS 1141/3141: Handbell Ensemble (0.5 or 1)

Prerequisite: Permission of instructor

The Handbell Ensemble is open to all students with previous instrumental experience. Two to three 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 to three 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 to three hours of lecture/rehearsal each week. May be repeated for credit.

MUS 1162/3162: Highland Singers (0.5 or 1)

The Highland Singers is open to all students by audition. One to three hours 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; 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 co-requisite: 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 co-requisite.

Continued development of aural and sight singing skills through listening and performing exercises based on the musical materials studied in MUS 1553.

MUS 2030: 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.

MUS 2031/3031: Jazz and Related Styles (3)

A survey of the various styles of jazz literature including ragtime, blues, New Orleans Dixieland, Chicago Dixieland, swing, bebop, cool, avant-garde, fusion, and neo-classical jazz. Students seeking upper-level credit for this course will complete a research project in addition to the assignments in MUS 2031.

MUS 2032/3032: American Musical Theatre (3)

A survey of musical theatre in the United States from the Colonial period to the present with an emphasis on the development of the musical from Show Boat to the contemporary musical. Students seeking upper-level credit for this course will complete a research project in addition to the assignments in MUS 2032.

MUS 2034/3034: Music in the United States (3)

The study of American music from the Colonial period to the present. Included are a study of "popular" music, music theatre including opera, African-American music, music in the European tradition, electronic music and other genres. Students seeking upper-level credit for this course will complete a research project in addition to the assignments in MUS 2034.

MUS 2035/3035: The History of Opera (3)

Introduction to opera as musical theatre. The study of opera structures, types of voices, and representative examples from the operas of Monteverdi to present. Students seeking upper-level credit for this course will complete a research project in addition to the assignments in MUS 2035.

MUS 2036/3036: 20th Century Music (3)

Introduction to the major developments in 20th century music from the Impressionism of Debussy to the contemporary music of Philip Glass, Steve Reich, and other late-20th century composers. Students seeking upper-level credit for this course will complete a research project in addition to the assignments in MUS 2036.

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 24x, students will complete the Division of Music Sophomore Evaluation. Successful completion of the evaluation is required before enrolling in MUS 34xx or MUS 3900.

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 2511: Instrumental Techniques: Brass (1)

Prerequisite: Ability to read music

An introduction to general performance techniques idiomatic to the trumpet, horn, trombone and tuba.

MUS 2512: Instrumental Techniques: Percussion (1)

Prerequisite: Ability to read music

An introduction to general performance techniques idiomatic to percussion instruments.

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 2514: Instrumental Techniques: Woodwinds (1)

Prerequisite: Ability to read music

An introduction to general performance techniques idiomatic to the flute, oboe, clarinet, and bassoon.

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 co-requisite.

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 co-requisite.

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 3265: Advanced Class Guitar (1)

Prerequisite: MUS 2265

Continuation in the development of general musicianship through the study of advanced guitar literature, skills in sight reading, improvisation, transposition, harmonization, interpretation and basic guitar technique.

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. Note: Completion of the Junior Lecture Recital (MUS 3900) is required as a prerequisite to enrolling MUS 44xx.

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 3521: Advanced Conducting and Literature: Choral (3)

Prerequisite: MUS 3520

Continued development of basic conducting techniques introduced in MUS 3620, the exploration of specific conducting techniques for choral ensembles as well as a general review of choral literature.

MUS 3522: Advanced Conducting and Literature: Instrumental (3)

Prerequisite: MUS 3520

Continued development of basic conducting techniques introduced in MUS 3520, the exploration of specific conducting techniques for instrumental ensembles as well as a general review of instrumental literature. Music for wind ensembles and bands is emphasized.

MUS 3540: Advanced Music Technology (3)

Prerequisite: MUS 1040

An advanced course in music technology which continues instruction began in MUS 1040 in the areas of MIDI, digital audio, computer-aided instruction, musical notation, and multimedia presentation. As in MUS 1040, emphasis is placed on the integration of technological skills acquired into research and teaching.

MUS 3551: Counterpoint (2)

Prerequisite: MUS 2553 or permission of instructor

An advanced music theory course focusing on the contrapuntal styles of the 16th century and 18th century.

MUS 3552: Form and Style (2)

Prerequisite: MUS 2553 or permission of instructor

An advanced music theory course focusing on the development of vocal and instrumental forms from the medieval to contemporary historical periods. Particular emphasis is given to classical forms including sonata and rondo forms.

MUS 3553: Advanced Chromaticism (2)

Prerequisite: MUS 2553 or permission of instructor

An advanced music theory course focusing on the development of chromatic harmony through the 19th and early 20th centuries.

MUS 3554: 20th Century Styles (2)

Prerequisite: MUS 2553 or permission of instructor

An advanced music theory course focusing on the compositional styles of the 20th century and theoretical systems for musical analysis.

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 3900: Junior Lecture Recital (2)

Prerequisite: Successful completion of the Sophomore Evaluation or permission of music faculty
Presentation of a 30-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 Junior 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, 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 4786: Secondary Music Methods: Choral (2)

Prerequisite: MUS 3520

Principals and theories of planning and teaching choral music in the secondary classroom. Directed field-based experience is required.

MUS 4787: Secondary Music Methods: Instrumental (2)

Prerequisite: MUS 3520

Principals and theories of planning and teaching instrumental music in the secondary classroom. Directed field-based experience is required.

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

Coordinator: Michael McNulty

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 finds 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. Students will complete the following course of studies:

	semester hours
CORE CURRICULAR REQUIREMENTS	
THT 1000 Introduction to Theater (3)	24
THT 1100 Stagecraft (3)	
THT 1200 Acting (3)	
THT 1300 Introduction to Theatrical Design (3)	
THT 1500 Major's Seminar (NC)	
THT 2500 Production & Management (3)	
THT 3000 Theatrical Aesthetics (3)	
THT 3001 Theater History and Literature I (3)	

THT 3002 Theater History and Literature II (3)

semester hours

CORE PRODUCTION REQUIREMENTS

18

THT 1111 Technical Theater Practicum I (3)
THT 4980 Senior Seminar I (3)
THT 4990 Senior Seminar II (3)

Plus any 3 of the following:

THT 1211 Performance Practicum I (3)
THT 2112 Technical Theater Practicum II (3)
THT 2210 Rehearsal Ensemble & Performance I (3)
THT 2212 Performance Practicum II (3)
THT 2220 Rehearsal Ensemble & Performance II (3)
THT 2311 Design Practicum I (3)
THT 2511 Production Management Practicum I (3)
THT 3113 Technical Theater Practicum III (3)
THT 3230 Rehearsal Ensemble & Performance III (3)
THT 3240 Rehearsal Ensemble & Performance IV (3)
THT 3312 Design Practicum II (3)
THT 3313 Design Practicum III (3)
THT 3512 Production Management Practicum II (3)
THT 3513 Production Management Practicum III (3)

ELECTIVE REQUIREMENTS

12

12 additional credit hours in theater or theater-related courses based on the students interests and in consultation with the theater major advisor.

TOTAL, THEATER MAJOR

54

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.

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.

TEACHER LICENSURE IN THEATER

All Theater majors seeking licensure to teach Pre-K-12 with an endorsement in theater arts, must complete all requirements for the Teacher Education Program, listed elsewhere in this catalogue. In addition to the theater major course of study, students seeking licensure in theater must complete the following 30 hours of course-work.

THT 4500 Directing (3)
EDU 2510 Foundations/Development of American Education (2)
EDU 3580 Reading and Language Arts in the Content Areas (3)
EDU 3690 Inclusion of Exceptional Children (3)

- EDU 4080 Classroom Management and Discipline (3)
- EDU 4090 Tests and Measurements (1)
- EDU 4740 Adolescent Psychology (3)
- EDU 4820 Design and Development of Instruction, 6-12 (3)
- EDU 4943 Teaching Internship, PreK-12 (12)

To be recommended by the Division of Theater to the Teacher Education Program (TEP), a student must have a 3.0 grade point average in all theater course work completed at UVa-Wise, with a minimum of 18 credits in theater courses taken at the College. (Those students whose grade point average in theater course work 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 to the Division of Theater in writing). For additional requirements and information relative to the TEP, please see that portion of the College Catalogue and/or contact the Director of the Teacher Education Program.

MINOR IN THEATER

Coordinator: Michael McNulty

Students interested in a minor in theater must be approved by the Chair of the Department of Visual and Performing Arts and must complete the following course of studies:

- THT 1000 Introduction to Theater (3)
- THT 1200 Acting (3)
- THT 1100 Stagecraft (3)
- THT 1111 Technical Theater Practicum I (3)
- Six hours elected from "Core Production Requirements (as listed above)
- Six hours elected from any additional theater courses

TOTAL, THEATER MINOR

24

COURSES IN THEATER

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 which 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 devsion 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 around student involvement, decision making, and presentations within the department. Though the seminar is not for credit, it is required of all theater majors and will meet approximately 8-10 times a semester.

THT 2000: Survey of Western Drama (3)

Prerequisites: ENG 1010 and 1020

An examination of Western thought through the study of plays representing the major aesthetic, social, and political movements from the Greeks through the 20th century.

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 which 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 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 which 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 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. 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 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. 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

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 DANCE

DAN 1030: Ballet, Beginning (2) An introductory course in classical ballet technique, drawing primarily from the Russian and Italian schools. Principles of body alignment will be stressed, as well as an understanding of basic terminology.

DAN 1040: Beginning Modern Dance (2) Basic techniques of the modern dance movement in America, emphasizing dance as serious theater art and as a means of individual expression.

DAN 1050: Beginning Jazz Dance (2) A study of jazz dance technique and its cultural roots.

DAN 1060: Country and Folk Dance (2) Study of the basic techniques of contemporary and traditional ethnic dance.

DAN 1950, 2950: Special Studies in Dance (1-3)

DAN 2030: Ballet, Advanced Beginning (2) Prerequisite: DAN 1030 or equivalent

A continuation of the techniques of classical ballet.

DAN 2040: Advanced Beginning Modern Dance (2) Prerequisite: DAN 1040 or equivalent A continuation of the basic techniques of modern dance.

DAN 2050: Advanced Beginning Jazz Dance (2) Prerequisite: DAN 1050 or equivalent A continuation of the study of jazz dance technique.

DAN 2070: Dance Ensemble (2, 2, 2) Prerequisite: Permission of instructor

Provides formal and informal performance opportunities for qualified dancers. Background in ballet, modern dance or jazz desirable. May be repeated for a maximum of 6 credits.

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

STUDY ABROAD

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)

Pädagogische Hochschule Niederösterreich (Austria)

Glamorgan University (United Kingdom)

Instituto Tecnológico de Estudios Superiores de Monterrey – Campus Saltillo (Mexico)

(Currently inactive due to U.S. State Department warnings)

For students who wish to study in another country, UVa-Wise offers a number of foreign study opportunities.

AUSTRIA

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 one year 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 Academic Dean or Professor Wolny in the Office of International Studies.

ENGLAND

Students who wish to spend a semester or year in England may attend the college's sister institution, the University of Glamorgan, 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 Glamorgan to study in Wise will be responsible for tuition at the University of Glamorgan. For more information on this program, please contact Witold Wolny, Director for International Studies.

GERMANY

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. For more information on this program, please contact Witold Wolny, Director for International Studies or the Academic Dean.

LUXEMBOURG

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 Dortmund to study in Wise will be responsible for tuition at the Technical University in Dortmund. For more information on this program, please contact Witold Wolny, Director for International Studies or the Academic Dean.

SPAIN

Students who wish to spend a semester in a Spanish-speaking country may attend one of the college's sister institutions in Spain. Participation in this program will be contingent on the student's level of fluency in Spanish, his or her maturity and 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 program is 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, Professor Anne Gilfoil in the Department of Language and Literature, or the Academic Dean.

OTHER INTERNATIONAL STUDY OPPORTUNITIES

The college offers other opportunities for study abroad which include its own programs during the summer and those offered by other institutions or agencies. The college's summer programs vary from year to year. There have been UVa-Wise summer programs in Huelva, Spain, in Bruges, Belgium, and 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, which falls under the direction of the University of Virginia, 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, Italy, Spain and Greece. These trips offer a short-term educational experience. However, it is also possible for students to gain one to two academic credits during their stay. For more information on trips or credit, please contact the Academic Dean.

ABINGDON PROGRAM

Site Director: Courtney Conner

The University of Virginia's College at Wise offers bachelor's degree programs at the Southwest Virginia Higher Education Center in Abingdon, Virginia. Students may enroll in courses leading to degrees in one of the three majors currently available: Accounting, Business Administration and Psychology. Courses leading to licensure in Library Media and teacher recertification are also offered in Abingdon. Classes are scheduled in the evening and on-line to accommodate working adults.

Students primarily transfer to the Abingdon Center after having completed their lower-division courses at a community college or another four-year college or university. Abingdon Center offices are located in the Southwest Virginia Higher Education Center on the campus of Virginia Highlands Community College, off Exit 14 of Interstate 81. More information is available by telephone at (276) 619-4316 or 276-619-4317, by email at abingdon@uvawise.edu, and from UVa-Wise Abingdon Center, One Partnership Circle, P.O. Box 1987, Abingdon, VA 24212. The website address is: www.swcenter.edu/uvawise.

COOPERATIVE EDUCATION

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 and the Academic Dean. 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

semester 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 semester 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 semester 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.

LEADERSHIP AND SERVICE

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 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 SEMINARS

Coordinator: Elizabeth Steele

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; provisionally-admitted students take a two-semester sequence designed specifically for them. 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. The seminar requirement is waived for freshmen who have completed 15 transferrable credits with a 3.5 grade point average; these students will be directed to other resources by the Advising and Retention Coordinator. The instructor of the seminar serves as the student's advisor until he or she declares a major. Student Support Services clients 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 provides students with an advisor, 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 provisionally-admitted first-year students and first-year students in academic jeopardy. The seminar focuses on units designed to help students build skill sets needed for academic success. The class emphasizes participation and the use of College resources with student access to an academic advisor – the instructor of the course.

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.

INTERDISCIPLINARY STUDIES

INTERDISCIPLINARY STUDIES MAJOR

For students who wish to pursue interdisciplinary 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 Academic Dean. Students accepted into this program are designated Interdisciplinary Studies majors. Examples of past interdisciplinary majors are:

- Appalachian Studies
- Communication and Natural History combined
- English and Humanities combined
- English and Library Science combined
- History and Philosophy combined
- History and American Cultural Studies
- Physical Education and Related Studies

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 Academic Dean.
2. Written application to the Interdisciplinary Studies Major Review Committee should be made no later than the fourth semester of residence (or equivalent), and must be made prior to the attainment of 75 semester hours of credit toward the degree. A minimum of three full-time semesters must be devoted to the program.
3. The proposed academic program 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 semester hours of upper division courses.
 - d. It satisfies the general education requirements for a baccalaureate degree.
 - e. It includes, in lieu of the traditional major, a major plan of study of at least 42 semester hours, none of which may be used to satisfy general education 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.
 - g. 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 Coordinator for Advising, Retention, and Assessment, and the Academic Dean 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 proposed program and all revisions must be approved by the Supervisory Committee, the Interdisciplinary Studies Major Review Committee, and the Academic Dean.
7. Any deviation from these rules must be approved by the Interdisciplinary Studies Major Review Committee and the Academic Dean.
8. Additional information and application forms are available in the Office of the Academic Dean.

MINOR IN APPALACHIAN STUDIES

Coordinator: David L. Rouse

A minor in Appalachian Studies is available to give students an opportunity to explore the natural history, cultural history 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.

Students may develop a minor in consultation with the Appalachian Studies coordinator and the advisor of the academic major, using the following guidelines:

I. Adherence to the college policy on minors (page 96) requiring 18 semester 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.

II. 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.

III. The program must be realistic in terms of course availability, staff and library resources.

IV. 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 3240: Evolutionary Morphology of Plants

BIO 3510: Natural History of the Appalachians

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

PHI 3150: Art and Culture

PHI 3200: Environmental Ethics

SOC 3740: Environmental Sociology

THT 3950: Special Topics: Storytelling

MINOR IN INTERNATIONAL STUDIES

Coordinator: Roman Zylawy

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.

The minor will include:

I. Six semester hours in one foreign language beyond the general education requirements. Students may select French, German, or Spanish. Foreign students whose native language is not English may satisfy this requirement with six semester hours of English literature.

II. Six semester hours chosen from the following courses:

ECO 4100: History of Economic Thought

POL 3050: Northern European Government and Politics

POL 3060: Southern European Government and Politics

POL 4810: International Relations

HIS 3440/4440: Contemporary History of the Western World

III. Six semester hours chosen from the following courses in consultation with the international studies coordinator:

COM 3210: Introduction to Film Analysis

ECO 3120: International Trade and Policy
ENG 3060: Western Literary Tradition II
HIS 3430/4430: Modern Europe from 1890 to 1945
HIS 3460/4460: Intellectual History of Europe in the 20th Century
HIS 3515/4515: History of Modern Russia
POL 4820: American Foreign Policy
SPA 3890: Studies in Hispanic Culture and Literature in Translation

MINOR IN LEADERSHIP STUDIES

Coordinator: Debra Carter

Leadership Studies is an interdisciplinary minor which integrates the cognitive, affective, and behavioral aspects of leadership throughout the various fields of academic study. Recognizing that leadership is a complex process necessary for students to become active in understanding social problems and solutions, the Leadership Studies minor will integrate courses to facilitate examination of leadership theory and principles, ethical issues related to leadership, multi-cultural perspectives, historical perspectives, social perspectives, and development of leadership competencies.

I. Required courses:

BUS 3750: Organizational Leadership

II. Elective courses (students must select a minimum of 15 credit hours in at least three different disciplines):

BUS 3310: Principles of Management

(Students taking BUAD 3310 may not take BUAD 4590)

BUS 3350: Keys to Success

BUS 3410: Conflict Management

BUS 3510: Human Resource Management

BUS 3620: Social Issues and Business Ethics in Management

BUS 4590: Organizational Behavior

(Students taking BUS 4590 may not take BUS 3310)

COM 3400: Business and Professional Communication

COM 4400: Organizational Communication

ENG 3110: Women in Literature

HIS 3650/4650: Women in American History

NUR 4800: Healthcare Leadership and Management

POL 3110: Introduction to Public Administration

PSY 3060: Cultural Diversity

PSY 3200: Health Psychology

PSY 4950: Human Motivation

SOC 3120: Community and Social Change

SOC 3310: Social Psychology

SOC 3400: Complex Organizations

SOC 3600: Sociology of Race and Ethnicity

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:

I. Three hours selected from the following courses:

SOC 1550: Marriage and the Family

PSY 3000: Psychology of Gender

II. Twelve hours selected from the following courses:

ENG 3120: Topics in Women's Literature: Women in Literature

ENG 3130: Topics in American Literature: Women's Literature: Creative Vision

ENG 3130: Topics in American Literature: The American Eve

ENG 3140: Topics in British Literature: Victorian Women Novelists

HIS 3470/4470: Women in European History

HIS 3650/4650: Women in American History

SOC 1550: Marriage and the Family

SOC 3300: Sociology of Gender

III. HUM 3960: Research in Women's Studies

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