

Lyndon State College

2016-2017 Undergraduate Catalog

Catalog Home

Lyndon State College is accredited by the New England Association of Schools and Colleges. Accreditation by the association indicates that the institution has been carefully evaluated and found to meet standards agreed upon by qualified educators.

Lyndon State College prepares every student for personal and professional success through experience-based, high-quality programs in the liberal arts and professional studies.

Non-Discrimination, Equal Opportunity and Affirmative Action Statement

Qualified students are recruited for, admitted to, and participate in all college programs without discrimination on the basis of race, color, gender, sexual orientation, gender identity, ancestry, place of birth, religion, creed, national origin, age, veteran status, or disability. Lyndon State College will provide reasonable accommodations to create equal opportunity for students with known disabilities.

Please contact the Lyndon State College Dean of Admissions or the Dean of Administration if auxiliary aid or service is needed to apply for admission.

U.S. Department of Education Requirements

The U.S. Department of Education requires colleges to make available annual statistics related to any campus crimes and/or students' continuation rates. Please contact our admissions office for a copy of this information.

This catalog is prepared annually with current information and is subject to change. It provides general information for Lyndon State College students and applicants. While it does not purport to be a contract, in combination with subsequent publications, web documents and other communications (semester Class Schedules, the Student Handbook, and special announcements), it outlines requirements and helps identify expectations for students seeking to earn degrees at Lyndon.

While the final version of the college's Class Schedule is the official announcement of course offerings for that semester, the college reserves the right to cancel courses for lack of sufficient enrollment or to substitute instructors for courses. Students will be given reasonable assistance in meeting graduation requirements, but necessary changes in the Class Schedule may require changes in planning for a degree.

Policies and procedures outlined in this document are not completely accurate as Lyndon State College is endeavoring to address issues and streamline the educational and support programs provided to students and the community.

Brief History of Lyndon State College

The year 2012 marked the beginning of Lyndon State College's second century. Founded as a one-year "normal" school for teacher training housed at nearby Lyndon Institute, the College has evolved continuously since its establishment in 1911.

Consistent with educational practices of the times, the Lyndon Training Course expanded its curriculum in one-year increments, and the first two-year class graduated in 1923. In 1927, Rita Bole became principal of the school and oversaw the graduation of the first three-year class of nine students in 1934. Ten years later, the state allowed Lyndon to grant four-year degrees so long as it remained a teacher training institution; the first four-year degrees were granted to 18 students in 1944. By this time Vermont's Northeast Kingdom had come to depend on Lyndon to address the educational needs of its residents.

Miss Bole, who led the school until 1955, figures prominently in the College's history. She worked to encourage the Vermont State Legislature to establish Lyndon Teachers College, saw the admission of the first male and first out-of-state students during the 1940s, and oversaw the College's move to its current location, the former estate of Theodore N. Vail. T.N. Vail, first president of the American Telephone and Telegraph Company, had been instrumental in the establishment of Lyndon Institute, and Miss Bole recognized his vacant estate as the perfect place to house the growing school. The move to Vail Manor was completed on June 30, 1951, the day the school's lease at Lyndon Institute was set to expire.

In 1961, the State Legislature established the Vermont State Colleges system, and Lyndon Teachers College became Lyndon State College. Degree programs in the liberal arts were added to complement the teacher training programs that had defined the College from day one. This was the beginning of a period of rapid growth and, in 1964, the campus began to expand: one by one, a library, a dormitory, a dining hall, a science wing, a gymnasium, and a theater appeared. The growing student population and changing demands ushered in rapid expansion of the Lyndon curriculum. In the 1970s, new programs were added in business administration, special education, recreation, meteorology, communications, human services, and physical education. During this decade the original Vail Manor was deemed unsafe and the Theodore N. Vail Center was built on the site of the old estate. It now houses the Vail Museum, preserving the name that has long been an integral part of the Lyndon tradition.

In the late 1970s, the College recognized the needs of area educators for continued professional development and began a master's program in education. Today, the College has a growing graduate program offering teachers and administrators opportunities for advanced study, master's degrees in special education and curriculum and instruction.

Steady growth continued in the 1980s and 1990s with more new construction and the development of academic programs in response to the evolving needs of the community. A twenty-five meter, six-lane pool was added to the recreational facilities in the Bole Center, and the completion of the Library Academic Center expanded the space available for both library collections and classrooms.

At the start of the 21st century, other changes were afoot. Shifting demographics suggested that classes and services needed to be offered at different times—including evenings and weekends—and in alternative formats including online courses. Degree programs are designed to prepare students for a wide variety of professions, enhanced by an emphasis on experiential learning in real-world situations, career counseling, and the acquisition of skills critical for success in the workplace. Unchanged is the College's commitment to providing students with a strong foundation in the liberal arts as a key component of readying them for successful and satisfying careers in a rapidly changing world.

In 2005, a new residence hall and community building was constructed. The building was named The Rita L. Bole Complex, a continuing tribute to Miss Bole's legacy. In 2009, increasing enrollment led to the construction of The Academic and Student Activity Center, housing three academic departments, a student event center, and additional computer labs.

Serving 1,100 students, Lyndon now focuses not only on the academic dimension of student experiences, but on the entire learning process, which includes many activities that take place outside the classroom. The Lyndon of today, which has grown gradually and naturally from its roots as a teacher education institution, is committed to student success, and to helping each student achieve his or her full potential. At the same time, the College continues its commitment to the community at large, striving to respond to the needs of the region and to serve as the educational, intellectual, and cultural hub of Vermont's Northeast Kingdom.

Mission Statement

Lyndon State College prepares every student for personal and professional success through experience-based, high-quality programs in the liberal arts and professional studies.

Lyndon State College - Core Values:

Quality Education

We offer *Quality Education* in liberal arts and professional programs that develops creative and critical thinking for success in today's global society.

Experience

We believe *Experience* is the hallmark of a Lyndon education, linking theory and practice, both inside and outside the classroom.

Opportunity

We create *Opportunity* for students of varying ethnic, cultural, and socioeconomic backgrounds to pursue an affordable, high-quality education.

Community

As a **Community** of life-long learners, we encourage personal and social responsibility, honesty, common sense, collaboration, respect for diversity, and the principles represented in the Lyndon State College Promise.

Integrity

We believe *Integrity* is emphasized in all facets of our community by holding true to our mission and values in the programs and services we offer and in our internal and external relations.

Campus Life

Click on a link to be taken to the entry below.

- Samuel Read Hall Library
- Information Technology Services
- Student Affairs
 - Students Reporting Absences
 - Emergency Messages
 - Health Services
 - Personal Counseling
 - Student Life
 - Residential Life
 - Rights and Responsibilities
 - Student Activities and Leadership Center
 - Campus Activities Board
 - Adventure Program
 - Student Government Association
 - Student Clubs and Organizations
 - Student Newspaper
 - WWLR Radio
 - Services for Commuters
 - Sports
 - Public Safety
 - The Bookstore
 - The LSC Alumni Association
- Academic Services

- Academic Support Center
- Mathematics Resource Center
- Writing Center
- Advising Resource Center
- Services for Students with Disabilities
- Career Services
- Veterans Affairs
- Registrar's Office
- Study Abroad

Being a college student can open a world of possibilities you never dreamed possible. At the same time, college life can be very demanding. The challenge of new ideas, new friends, course work, studying, decisions and adjustments presents endless prospects for personal and intellectual growth. In order to help you make the most of those experiences, Lyndon provides an array of services and opportunities.

Samuel Read Hall Library

The library was named for Samuel Read Hall, the Concord, Vermont schoolmaster who pioneered teacher education and published the first textbook on the principles of teaching. The library, an integral part of the Lyndon Learning Commons, is where students gather to study, have a cup of coffee, do research, use computing facilities, view a film or play a game of chess. Students visit the library because it provides a comfortable and secure space for study and supports student research needs by providing helpful staff and access to high-quality resources.

Library staff teach research skills and information literacy and help all library users find the information they need. In addition to our own collections, the library provides access to information resources at the other Vermont State College libraries and most U.S. and international libraries. The library's online resources are available to our college community across campus and off-site.

The library provides access to several special collections of interest to the campus and local community. There is a Vermont collection focusing on Vermont and Northeast Kingdom history, geography and current events. The library hosts Lyndon State College archives as well as the Instructional Materials and Children's Literature Centers that support the Education Department and local educators.

Information technology support is also available at the INFOdesk located in the main lobby.

Library Mission

The Samuel Read Hall Library supports the academic, intellectual and cultural life of the Lyndon State College community by:

- Developing responsive, user-centered services and information resources.
- Providing friendly, professional staff and a welcoming atmosphere.
- Maintaining comfortable spaces for focused study and collaboration.
- Promoting information skills and critical thinking.

The Library is dedicated to the College's mission of preparing every student for personal and professional success, as well as supporting the information needs of the Northeast Kingdom.

The Learning Commons

Academic Support Center

Academic Success is central to your life at Lyndon. The Academic Support Center Strives to create a welcoming and information-rich environment to support students in the completion of their educational and professional goals. All students are eligible to receive academic support services at no extra cost. Located in LAC 325, the Academic Support Center houses Project

Excel, Student Academic Development, and Services for Students with Disabilities. Make sure to visit us in order to explore the useful services available to you!

Student Academic Development

Student Academic Development includes drop-in tutoring in a variety of subject areas in addition to help with time management, test anxiety, study skills, test-taking strategies, note-taking, English as a second language, and many other academic issues.

Student Disability Services

Student Disability Services provides a broad spectrum of accommodations for students with documented disabilities. Students who would like to talk with someone about educational assistance and/or accommodations should contact the Learning Specialist in the Academic Support Center. Conversations are confidential in nature and need not result in an application for assistance unless the student desires one. Instructors and student support personnel will provide reasonable and appropriate accommodations based on the nature of the disability and the of the course.

Lyndon does not have separate degree programs for students with disabilities; all students must meet requirements for individual courses, general education requirements, and degree programs. The college observes provisions of Section 504 or the Rehabilitation Act of 1973 and the appropriate sections of the Americans with Disabilities Act of 1990 (ADA). For further information, students may consult the Academic Policy manual in the library, the Learning Specialist in the Academic Support Center, or the Dean of Administrative Affairs.

Writing Center

The Writing Center offers free, one-to-one peer consultation on a drop-in basis. Trained Writing Consultants work with writers of every skill level, from the most confident writers looking for constructive feedback to those students for whom writing can feel like a challenge. Located in the Library, the center is open Sunday through Friday.

Advising Resources

Advising Resources provides hands-on assistance in course selection, scheduling, and using the online registration system, or other tips related to advising at Lyndon such as how to make the most of meetings with your faculty advisor. Advising Resources offers one-on-one help and take-away resources such as add/drop slips, calendars for mapping your week or your semester, a list of faculty advisor offices, general education courses and checklists, graduation standards information, and more.

Career Services

Career Services provides a variety of career planning and placement services for all Lyndon community members. Career counseling is available for students wanting assistance in choosing a major or career. Additionally, Career Services works with the college's academic departments and employers to facilitate internship opportunities for students. The Career Services office and website offer students access to occupational references, self-assessment tools, employer directories, job and internship listings, and college and graduate school catalogs. In addition, Career Services is on both Facebook and Pinterest. Events and workshops are posted on Facebook and both social media pages offer students tips, strategies, and tools related to résumé writing, professional dress, networking, searching for a job or internship, and interviewing.

Career Services disseminates jobs and internship announcements to students, maintains an alumni career network, and assists students in developing job search skills. The information is used in conjunction with workshops in résumé preparation, job search and interviewing techniques in order to provide Lyndon graduates with a competitive edge in the modern work place.

Leahy Center for Rural Students

The Leahy Center for Rural Students supports Lyndon students through the Early Promise Program. The Early Promise scholarship is selectively awarded to graduating high school seniors or non-traditional students from towns within the three-county Northeast Kingdom, Coos County in NH, or Littleton, NH regions who are among the first in their families to pursue a four-year degree. Early Promise Scholars are financially supported and actively advised through their transition into and successful completion of college. Scholars also serve as mentors to local high school students who come from similar backgrounds, and are expected to maintain a 2.5 GPA.

Information Technology Services

The Lyndon State College Information Technology department provides high quality Information Technology services for our learning community. We deliver this service in the context of the vision, mission and goals of LSC and the VSC. The ability to use existing technology and to develop technology skills that are transferable to new tools is integral to the college experience. The campus wide academic and administrative information technology network and its related services bring both the tools and the opportunity to develop important technology skills to every classroom, residence hall room, and office.

Several campus computer labs (providing over 300 Windows and Apple workstations) are available for student use during varying hours throughout the day and night. All students, faculty, and staff are provided with e-mail services (Microsoft Exchange) and network storage (Microsoft SharePoint Services). A Help Desk provides software and hardware support Monday – Friday 8:00AM – 4:00PM. Wireless is accessible in most academic and administrative areas of the college including the Library, Student Center, Dining Hall, Conference Rooms, etc. Our Learning Management System is hosted by Moodle Rooms, our portal is hosted by Ellucian, and our content is stored in Microsoft SharePoint Services.

The services provided by the Information Technology Department expand and change frequently. For the most current information, please see the LSC Information Technology Services website at www.lyndonstate.edu/infotech.

Academic Services

Veterans Affairs

At Lyndon, veterans are encouraged to make full use of the educational benefits to which they are entitled. The benefits recipient will need to identify from which program the education benefits will be received. Each semester, enrollments at Lyndon are verified to the agency providing the veteran's education benefits. If any questions arise concerning educational benefits or veteran-related problems, contact the Student Services Office.

Student Services Office

The Student Services Office in Vail 348 contains the services normally provided by the Registrar's, Financial Aid and Business Offices — all centralized in one location. Students can receive a multitude of services ranging from registration in classes, paying a bill, changing a meal plan, receiving financial aid assistance, making an address change, requesting a transcript, requesting verification of enrollment, checking on graduation requirements, etc. We have three Financial Services Consultants available to serve the student population on the "front line" as well as Financial Aid, Registrar's Office, and Business Office specialists who are available for consultation. This one-stop-shop concept enables students to take care of all their Registrar, Financial Aid and Business Office issues and concerns in one location.

Study Abroad

Lyndon State College strongly encourages students to study abroad, either for one semester or a whole year. The College strives to ensure that studying abroad will be both educational and enjoyable by providing students the opportunity to study all over the world while maintaining their financial aid and taking courses in their major. Lyndon State College currently maintains affiliation with four study abroad agencies: AIFS, CIS, ISA and GlobalLinks, and other programs are available. Study abroad is recommended for, but not confined to, the junior year. Students intending to study abroad should consult their advisor as soon as possible. For more information about study abroad, please contact Dr. Paul Searls, Coordinator of Study Abroad.

Student Affairs

Students Reporting Absences

Students who need to miss classes are requested to call the Student Affairs Office at (802) 626-6418. We will notify the appropriate professor(s) of a student's absence. However, calling our office does not "excuse" an absence. Each professor has his or her own guidelines regarding missed classes. Students are responsible to contact each professor to discuss the requirements and how to make up missed work.

Emergency Messages

During the regular business day, Monday-Friday, 8 a.m.-4 p.m., if there is an URGENT situation, please have family, friends, employers, etc. call Student Affairs at (802) 626-6418. We will try to locate you according to your class schedule. We will then deliver a message to you at your campus location. However, this service is only for emergency situations. We are not able to offer a general message service. In emergency situations at times other than Monday-Friday, 8 a.m. - 4 p.m., call Public Safety (802-626-6452).

Health Services

Lyndon's Campus Health Service is supervised by a physician. The staff provides assessment and treatment of routine health matters and makes referrals to local practitioners or to the Northeastern Vermont Regional Hospital, located in nearby St. Johnsbury. If you have a specific health need, do not hesitate to contact the Health Service for information and advice by calling 802-626-6440. Emergency services are available 24 hours at Northeastern Vermont Regional Hospital. During office hours you may reach the hospital at (802) 748-8141; for emergencies call 911 for ambulance services. In a non-emergency call (802) 626-1101 for information.

Vermont State College policy requires that students complete a health form and maintain required information on file. The Health Services Office coordinates compliance with these requirements. The college may withhold the right to register for subsequent semesters if students fail to comply with these regulations.

Personal Counseling

The college experience is often a time of change and personal growth. The combination of new life experiences, new friends and a new environment can occasionally be unsettling. Lyndon recognizes that you might need someone supportive and understanding to speak to during those unsettled times. Professionally trained counselors are available to you to discuss personal issues. The service is confidential.

A professional and collaborative referral system is maintained with mental health professionals in the community for students who require an intensive and or long-term counseling relationship. To arrange a counseling appointment, call 802-626-6440.

Student Life

The mission of the Office of Student Life is to provide an environment which enhances student learning by facilitating relationships and programs intended to develop characteristics desirable in a Lyndon educated person. These characteristics include a commitment to civic responsibility, an appreciation for diversity, critical thinking skills, an appreciation for life-long learning and the ability to be in healthy, productive relationships. This learning should occur within a safe and secure living environment.

Residential Life

Living on campus can be a very rewarding and memorable experience. There is a lot of learning that can take place within a residence hall through interactions with fellow roommates or suitemates, programs and events put on by the staff, experiencing what it is like to be a part of a community and so on. There are 25 members of the live-in residence staff which help direct this experience and learning, including four Residence Hall Directors, and 21 Resident Assistants. The staff acts as a resource for students on a variety of issues, including interpersonal concerns, residence hall programming, administration, and problem-solving.

There are several types of housing offered on campus including upper-class, first year, 24 hour quiet, gender neutral, substance abuse free environment (SAFE), apartment style, and 21+.

Rights and Responsibilities

Lyndon students are entitled to enjoy the same freedoms and rights as other citizens. This means that they are expected to assume the responsibilities that accompany rights. In other words, students are not exempt from local and state laws merely because they hold student status, and the college is not a sanctuary from the law.

Lyndon has its own set of regulations (stated in the Student Handbook) to ensure that individual rights are protected and to maintain a campus environment that allows the college to pursue its aims and goals. These regulations were designed to contribute to harmonious living by emphasizing respect for one another, the college and its property, and the town of Lyndon.

Student Activities and Leadership Center

The Student Activities and Leadership Center (SALC), located on the second floor of the Vail Student Center, is the hub of activity for students looking to get involved on campus and attend events. SALC houses the Student Government Association (SGA), the Campus Activities Board (CAB), and all student clubs. The Student Activities and Leadership Center provides a variety of leadership opportunities including an annual Student Leadership Conference, as well as promotes service-learning trips during each of the week-long breaks in the spring semester.

In addition to visiting the Center to stay informed, there are many other ways to find information about the events taking place on campus. Students can read the student newspaper; check the Student Life events website (www.lyndonstate.edu/events); read the *BUZZ*, an advertisement found on tables in the Student Center and Stevens Dining Hall; check bulletins boards throughout campus; check the portal; watch the on-campus kiosk screens; or get updates through LSC e-mail.

Campus Activities Board

The majority of Lyndon's entertainment programs and cultural events are produced under the direction of the Campus Activities Board (CAB). This student-run organization is responsible for selecting lecturers, films and performers, producing annual events such as Winter Weekend, and organizing outings and special activities.

Adventure Program

Lyndon's Adventure Program, established in 2010, provides a wide range of indoor and outdoor activities and programs at a variety of skill levels for the Lyndon community. Participants have the opportunity to develop lifetime recreational skills, learn about safety and proper technique, gain an appreciation and concern for our natural environment, meet new people, and have a great time. The program has official ties to the "Gravity Wall" indoor climbing wall, the 18 hole disc-golf course, a skate park, the outdoor low and high ropes course, the Ski/Ride Club, and the Outing Club.

Student Government Association

Students play an important role in Lyndon's governance. They actively represent Lyndon on the Vermont State Colleges Board of Trustees and the Vermont State Colleges Student Association, as well as on committees within the campus community. The Student Government Association (SGA) is governed by elected representatives from each of the four classes, commuters, and non-traditional students, as well as a representative from each club. Through participation in student government, students help shape policies that impact student life and distribute the student activities fee by developing an annual budget. Elections to the SGA Executive Board are held every spring, with elected representatives elected in the fall. Meetings are held bi-weekly and are open to all.

Student Clubs and Organizations

Lyndon offers over 30 student clubs and organizations to provide meaningful campus involvement in addition to studies. There are groups to fit a variety of interests, including athletics and wellness, arts and media, service and leadership, academics and honor societies, and numerous special interest groups. Some of the organizations emphasize group effort along with individual service and responsibility, while others, such as professional organizations, allow members to examine and discuss career goals in an informal setting. Still others emphasize games and sports or outdoor activities.

The campus activities and organizations are always changing to reflect the concerns, values, and interests of students. The Lyndon SGA website (www.LyndonSGA.com) is the source of information on the many clubs currently active on campus, as well as guides on how to become a recognized student organization on campus.

The Critic - Campus Newspaper

Lyndon's student-run newspaper, *The Critic*, is your source for information about what is happening on campus, including important student issues. It is an independent newspaper funded by student fees and ad sales. The *Critic* serves as the official voice of the students of Lyndon as publication is open to all students and can provide them with a creative outlet if they are interested in journalism, photography, graphic design, advertising or cartooning.

WWLR - Campus Radio

The college's 3,000-watt FM radio station, WWLR (91.5), is another student-run communications medium at Lyndon. WWLR can be heard within an approximate 50 mile radius, and can be streamed live online via the college website. The station's format and playlists are entirely student-designed.

Services for Commuters

Commuting students will find that Lyndon is committed to working with them - individually and as a group to help enrich their college experiences. Commuting students can often be found working on group assignments or socializing in a variety of settings offering WiFi access including the Vail Student Center, the library, and in the Harvey Academic Center (HAC). Also, monthly nontraditional learner lunches are a means for commuting adults to share their experiences. Commuter meal tickets, usable in either the snack bar or the dining hall, are handy resources for students commuting to Lyndon. Commuters and their families are encouraged to use college facilities like the pool and attend on-campus entertainment. Finally, to avoid unnecessary travel, commuters can find out about cancelled classes by calling (802) 626-6767 or checking the announcements on the Lyndon portal.

Athletics

Lyndon is a member of the National Collegiate Athletics Association (NCAA) - Division III, and the North Atlantic Conference (NAC). Varsity competition includes women's and men's basketball, women's and men's soccer, men's and women's tennis, men's and women's cross country, men's and women's lacrosse, women's volleyball, baseball, softball, and men's and women's track and field. Lyndon also offers several club teams that compete with other colleges, including rugby, cycling, and ice hockey.

Intramurals

Many students take advantage of our wide range of intramural sports in order to take a break from their academic routine. Dozens of sports and activities are offered on campus, including football, water sports, volleyball, basketball, tennis, and wiffle ball. All ability levels are welcome at intramural programming.

Athletics and Recreational Facilities

Lyndon's SHAPE Center includes a fitness center, two racquetball courts, two gymnasiums, a climbing wall and a 25-yard, six-lane swimming pool. Outdoors, Lyndon boasts running trails, tennis courts, and field for varsity athletics and club/intramural games. Cross-country skiers and cyclists enjoy local trails, while downhill skiers and snowboarders enjoy the facilities at nearby Q Burke Mountain, Jay Peak, and the Lyndon Outing Club.

Public Safety

Lyndon State College is committed to ensuring that our campus remains a safe and vibrant learning environment. Safety personnel patrol the entire campus by foot and vehicle 24 hours a day, seven days a week, 365 days a year. To enhance safety on campus, the department also operates a student-escort service upon request. Escorts are radio-dispatched and patrol the campus as a team when not scheduled for an actual escort. The Department of Public Safety maintains a daily incident report log which is available for review in the Public Safety Office during regular business hours.

The department oversees Lyndon's emergency management plan, and anyone who would like information about the plan is encouraged to contact the Director of Public Safety. Lyndon State College also has an Emergency Alert system. The Early Alert system is an instant, mass notification system that enables Lyndon students, parents, and members of the faculty and staff to receive updates and alerts on cell phones, personal data assistants (PDAs), and email accounts. Our goal is to increase safety on the Lyndon State campus.

In addition to the services described above, emergency telephones that connect to Public Safety are available in the Library and Academic Center (LAC) hallway, in the hallway outside of the Burke Mountain Room, in the SHAPE facility hallway, the women's locker room, in the Stonehenge, Vail, and Rita Bole parking lots, and on the exterior of each Residence Hall.

The Bookstore

Located near the Student Center in Vail 204, the LSC Bookstore stocks required textbooks and general stationery supplies, in addition to clothing, gifts, an assortment of art and photographic supplies, and snacks. The bookstore is open weekdays throughout the year and will allow students to cash small personal checks and Work-Study program payroll checks. The bookstore does not cash third-party checks, and during the last two weeks of each semester personal check-cashing privileges are suspended. Students may send and receive faxes at the bookstore for a small fee. For more information, the bookstore telephone number is (802) 626-6466 or visit the web site at www.lsc.bkstr.com.

The LSC Alumni Association

When you graduate, you will become a part of the Lyndon State College Alumni Association. There are nearly 10,000 alumni of Lyndon, representing all 50 states and a number of foreign countries! Lyndon alumni have gone on to be extremely successful in their fields of choice. You will find our alumni on major television networks, in school classrooms, forecasting the weather, on the radio, in human service agencies, environmental firms, at ski areas, graphic design companies, and everywhere in between. Our alumni are doing great things and their success is a testament to the education and experience they received here at Lyndon.

The Alumni Association promotes the college and our alumni and creates a link between you and Lyndon. Alumni can participate in a variety of educational and cultural programs, socialize with other graduates, and rekindle old friendships through the Alumni Association.

For more information about our Alumni Association, please contact Sara Duprey Lussier '02, Assistant Director of Annual Giving, at (802) 626-6426 or at sara.lussier@lyndonstate.edu.

Admissions

Click on a link to be taken to the entry below.

- First Year Students
- Transfer Students
- Readmission After Withdrawal or Dismissal
- Part-Time Students
- Advanced Placement
- Early Admissions
- Early Acceptance Program
- Adult/Non-Traditional Students and Credit by Examination or Experience
- New England Regional Student Program
- Good Neighbor Policy
- International Admissions
- AFROTC

The admissions staff considers each applicant for admission on three main criteria: ability, character and motivation.

Applying to Lyndon: All undergraduate applicants are encouraged to apply online.

Lyndon is authorized to accept applications from all qualified Vermont and non-resident high school graduates or persons holding a GED. Students who do not wish to enter a degree program are welcome to enroll in appropriate undergraduate or graduate courses on a space-available basis without formal admission to the college. The College has the right to refuse non-matriculated registration on the basis of any previous record at the college.

The College offers both an Early Action admission opportunity (students who apply by November 1 will receive their admissions decision by December 15) and a rolling admissions option for students who apply later than November 1 (students are admitted on a space-available basis). A non-refundable fee of \$49 or fee waiver must accompany each application. Students who are

accepted for admission are required to send a \$200 deposit by the National Candidate's Reply date of May 1, which is applied toward tuition and fees. After May 1, this deposit is non-refundable.

Candidates for graduate study must use the paper application, which may be downloaded from the admissions web site or may be obtained by visiting the Admissions Office. **For programs and requirements, see the online Lyndon State College graduate catalog at www.lyndonstate.edu and follow the quick link to Online Catalog.**

Housing Guidelines: Unmarried students who are accepted to Lyndon as first-year students are required to live on campus for two academic years to the extent that campus housing is available. Those accepted as sophomores are required to live on campus for one academic year. Students whose permanent legal domiciles are within reasonable daily commuting distance or who are at least 23 years of age are exempted from living on campus. Exceptions due to extraordinary circumstances may be authorized by the Director of Residential Life. Students intending to live on campus must submit the \$100 housing fee, which is refundable until July 1. Any local student or a student of junior or senior standing who decides to live in a college residence must reside on campus for the full term of the housing contract, which is issued for a full academic year.

First Year Students

A complete application includes: a completed application form (submitted online or via paper), an official secondary school transcript, recommendations from guidance counselors and/or teachers, a personal essay, and SAT or ACT scores. Recommended secondary school preparation includes: four years of college preparatory English and at least two years each of college preparatory history, science, mathematics (algebra) and a foreign language. Atmospheric Sciences and Exercise Science applicants are recommended to have taken pre-calc and physics prior to enrolling at Lyndon. Specific courses suggested for some areas of study are noted under the descriptions of Lyndon's degree programs.

For home-schooled applicants, Lyndon relies on the home schooling guidelines put forth by the state in which the applicant resides. We accept the following Proofs of Graduation: Official General Education Development (GED) scores; evidence that the applicant has followed the guidelines set forth by their state of residence - this evidence may include a Certificate of Completion of a home study program or evidence of annual approval of your program as required within your home state (an official transcript of any course work taken at a local high school is also required); high school diploma (some home schooled students receive a diploma from their area secondary school).

A non-refundable fee of \$51 must accompany each application. Students who are accepted for admission are required to send a \$200 deposit by the preferred date of May 1, which is applied toward tuition and fees. After May 1, this deposit is non-refundable.

Transfer Students

Transfer applicants must submit with their application: an official transcript from each college-level institution attended, a high school transcript showing graduation date, one letter of recommendation, and a personal essay. A transcript is required even if you are not requesting credit from a particular institution. Transfer credit may be given for appropriate courses completed with a grade of C- or better at regionally accredited institutions. United States Armed Forces Institute (USAFI) courses and study completed at service schools will be credited as recommended by the American Council on Education in disciplines taught at Lyndon. Students who enter Lyndon with a two-year degree will be placed in junior-level courses when possible.

Transfer students must meet Lyndon's general and major requirements to earn a degree. Students transferring into Lyndon to earn a Lyndon Associate's or Bachelor's Degree who have earned a previous Associate in Arts Degree from a regionally accredited U.S. institution of higher education are waived from the full Lyndon general education requirement.

Readmission After Withdrawal or Dismissal

A student who has withdrawn from Lyndon may apply for readmission by filling out a form available at the Admissions Office.

A student who has been dismissed may apply for re-admission on a form available at the Admissions Office. Re-admission is contingent on the completion of 12+ credits of strong academic work at another institution. In some cases, a dismissed student may be required to secure a statement of admissibility to a major program from an academic department. The decision to re-admit a student is based on the reasons for dismissal and the accomplishment of coursework at a level that indicates the student will now succeed in the program.

The Admissions Office will consider the recommendations of the Academic Dean, the academic department (when applicable), as well as records of social, financial and judicial actions in considering requests for re-admission.

Part-Time Students

Applicants for degree programs may enroll as part-time students in the regular session with fewer than 12 credit hours per semester. While Lyndon has no special rules regarding part-time degree candidates, financial aid may be affected.

Advanced Placement

Applicants who have completed examinations through the CEEB Advanced Placement Program with minimum grades of 3 are granted both advanced-placement and course credit, following evaluation by the Registrar and appropriate department chairs. Further information is available from the Admissions Office.

Early Admissions (High School Seniors)

The early admission program allows qualified students who display exceptional ability and maturity and have exhausted the educational opportunities at their high schools to enroll at Lyndon as high school seniors. Under this initiative, students will complete the equivalent of their senior year in high school as new students at Lyndon. Students must schedule an interview with admissions for review of qualifications. Early admissions applicants must have the consent and cooperation of secondary school officials.

Early Acceptance Program (High School Students)

Under the early acceptance plan, Lyndon allows high school students to apply early to the college. A candidate who wishes to be considered for this program can apply after the completion of the junior year and before November 1 of their senior year. The student must present a high school GPA of 3.0.

Adult/Non-Traditional Students and Credit by Examination or Experience

Lyndon is proud of a long tradition of serving the adult and non-traditional student. Lyndon has set admission criteria for adult students 23 years or older to allow the experiences of these adult students to play a bigger part in the admissions process.

Employment experience, volunteer work, vocational or professional training can provide a substantial body of knowledge that may complement or substitute for formal college study. Therefore, students who are starting or returning to college after years of career and/or family life might be able to receive credit for prior learning and life experience through the Assessment of Prior Learning option offered at the Community College of Vermont (CCV). In cooperation with the Office of External Programs of the Vermont State Colleges, Lyndon awards credit for demonstrated competency from prior learning and life experience. Students enroll at the Community College of Vermont for the course Educational Assessment and Portfolio Preparation (EDU

1240) where they document all activities related to college-level work. Please talk with an admissions counselor about any of these programs for nontraditional students.

The CEEB College Level Examination Program (CLEP) offers credit by examination to those who believe they have achieved college-level learning through on-the-job training, independent study, correspondence courses, or televised lectures. Candidates may select any of the five general examinations or choose from a variety of specific subject examinations. Each test awards from three to six credits if passed above the minimum scores established by the CEEB and may be used to waive required or prerequisite courses in Lyndon's degree programs. Details concerning test dates and fees are available from: CLEP, College Entrance Examination Board, Box 592, Princeton, NJ 08540. For further information, contact the Registrar's Office.

New England Regional Student Program

Special tuition rates are offered to students from other New England states who are degree candidates in academic areas not offered by educational institutions in their home state. Under the New England Board of Higher Education (NEBHE) Regional Student Program, Lyndon provides qualified students with a significant tuition reduction over that usually paid by non-residents. The reduced tuition rate is considered to be part of a student's financial aid award and is dependent on formal admission to an appropriate degree program and satisfactory progress toward that degree.

New England Regional Student Program (NEBHE - Eligible Programs 2016-2017)

Major Program	Degree	CT	MA	ME	NH	RI
Animation and Illustration	B.F.A.			X	X	X
Applied Psychology/Human Services	B.S.	X			X	
Atmospheric Sciences	B.S.	X	X	X	X	X
Computer Information System/Atmospheric Sciences	B.S.	X		X	X	X
Design	B.F.A.			X	X	X
E-Journalism Arts	A.S.	X	X	X	X	X
E.Journalism Arts	B.S.	X	X	X	X	X
Mountain Recreation Management	B.S.	X	X	X	X	X
Music Business and Industry	B.S.	X	X	X	X	X
Sustainability Studies	B.S.	X	X		X	X
Visual Communications	A.S.	X				X
Visual Communications	B.S.	X				X

The Regional Student Program is open to new and transfer students from Connecticut, Massachusetts, Maine, New Hampshire and Rhode Island. Program eligibility is based upon the academic year the student enters Lyndon State College and the above program eligibility, subject to change without notice. For further information, contact the Admissions Office, or visit our web site at www.lyndonstate.edu.

Good Neighbor Policy

The Good Neighbor Policy provides a tuition scholarship for students whose legal residence is one of several designated towns in northern New Hampshire. Students are billed at full out-of-state tuition rates, but receive waivers that have the effect of reducing tuition to 50 percent above Vermont resident tuition; a significant savings over that usually paid by non-residents. A list of towns is available from the Admissions Office and on the LSC admissions web site at www.lyndonstate.edu.

International Admissions

International applicants use the same application as all undergraduate applicants. The fee for applying via paper is \$49. The tuition deposit for international students is \$1500; the housing deposit is \$100.

Documentation required from international applicants includes: application for admission, International Student Financial Statement (ISFS), bank letter on bank letterhead showing funds available for first year, original (or certified copies) and officially translated transcripts from all secondary schools and/or colleges attended, two letters of recommendation, proof of English proficiency (TOEFL or other approved test – see web site), application fee, and copy of passport.

Regardless of US residency status, an English proficiency examination is required of all students whose secondary schooling has been outside the US in a country where English is not the principal language. Acceptable English proficiency scores for various tests: Test of English as a Foreign Language (TOEFL) [a score of 500+ on the paper and pencil test, 173 on the computer-based test, or 61 on the Internet-based test]; International English Language Testing System (IELTS) [a score 6 or higher]; or the Michigan English Language Battery (MELAB) [a score of 76 or higher]. Students who have achieved a grade of B or better in a college-level English Composition course in residence at an accredited US college (not a foreign affiliate) are exempt from this requirement. English courses that are designated ESL, non-native, or which require a special support component, as well as courses taken outside the US, are not acceptable. Please also note that Lyndon does not accept any correspondence courses.

All international applicants are strongly encouraged to submit their application, credentials, test scores, and all financial documents required for an I-20 by November 1 for spring applicants or March 31 for fall applicants.

Once you are accepted as an international student and have responded by sending a deposit and required declaration of finances (signed by a bank official or a certified bank statement), Lyndon State College will issue you an INS (United States Immigration and Naturalization Service) form I20. This form allows you to apply to the U.S. Embassy or consulate in your home country for an F1 Visa. This visa allows you to enter and remain in the U.S. as long as you maintain full-time student status.

Students transferring from US high schools or colleges must complete the ISAR (International Student Advisor Report) before a Lyndon-issued I-20 will be created.

Detailed information and forms for international applicants may be found on at www.LyndonState.edu/international.

AFROTC and Army ROTC

Through a dual-enrollment agreement with Lyndon State College and Air Force ROTC, we are able to provide commissioning opportunities to students who wish to become United States Air Force Officers. Additionally, the Air Force has scholarship funds available to assist qualified candidates to continue their studies, while earning commissions as Second Lieutenants in the Air Force. For more information, contact the Unit Admissions Officer at Air Force ROTC Detachment 867, Norwich University, 158 Harmon Drive, Northfield, Vermont. Call 1-800-468-6679 (press "1" for admissions, then ask for the Air Force ROTC Department) or visit us on the web at www.norwich.edu/cadets/airforcerotc.html.

Financial Aid

Click on a link to be taken to the entry below.

- [Application Process for Financial Aid](#)
- [Eligibility](#)
- [Satisfactory Academic Progress for Financial Aid Recipients](#)
- [Federal Aid Programs Administered by the College](#)
- [Other Federal Programs](#)
- [Lyndon State College Grants and Scholarships](#)
- [State Grants and Non-Institutional Scholarships](#)

We consider financial aid an investment in the future of our students. Our primary goal is to provide assistance to those who might not otherwise be able to earn a degree. Please be aware, however, that we assume students and their families will contribute to the costs of education according to their means. Financial assistance is offered only after it has been determined that family resources are not adequate to meet college expenses. Whenever possible, you will be expected to work or borrow to meet these expenses.

Three types of financial assistance are available: grants and scholarships, which are classified as gifts and need not be repaid; low-interest loans, which are repaid in installments after leaving college; and various campus employment opportunities. Depending upon financial need, a student may be eligible to receive one or a combination of these types of aid.

Application Process for Financial Aid

Complete a Free Application For Federal Student Aid (FAFSA) on-line between October 1 and February 15 to be considered for all types of aid. Use FAFSA code #003689 to ensure that Lyndon receives your FAFSA application. If you use estimated income, update your income at www.fafsa.gov using the IRS Data Retrieval Tool. FAFSA's received later by Lyndon State College will be reviewed in order of the date received. Aid is awarded subject to the availability of funds. Promptly answer or act on requests for additional forms or information, such as official IRS tax information via the Data Retrieval Tool on the FAFSA or a Tax Return Transcript for parents and student as soon as possible after filing.

All admissions candidates, including transfer students, must be accepted for admission before any action will be taken on financial aid applications. Returning students must be registered before any award commitment can be made. For further information, contact the Financial Aid Office.

Eligibility

To be eligible to receive financial aid based on financial need, a student must be enrolled in a degree program and be making satisfactory academic progress; be a U.S. citizen or a permanent resident with an I-151 or I-551, or I-551C; or have a Departure Record (I-94) from the U.S. Immigration and Naturalization Service (showing certain designations, contact Financial Aid Office for more information); not be in default on a federal loan and not owe a refund on a federal grant.

Satisfactory Academic Progress for Financial Aid Recipients

Effective July 1, 2012, in accordance with new federal regulations - Students receiving Federal Financial Aid must maintain "Satisfactory Academic Progress" at Lyndon State College in order to remain eligible for Federal Aid consideration.

The Financial Aid Office evaluates Satisfactory Academic Progress (SAP) once a year after the completion of the spring term. All semesters of enrollment, including summer, must be considered in the determination of SAP (even periods in which federal aid funds were not received).

Satisfactory Academic Progress (SAP) tests three standards:

1. *GPA (Qualitative) Standard* Students academically dismissed from their academic program are automatically recognized as failing to meet Lyndon State College's Satisfactory Academic Progress standards. Otherwise, as a student progresses through their academic program, their cumulative GPA must meet the following standards: Students with fewer than 30 attempted credits must maintain a cumulative GPA of 1.75, students with 30 attempted credits or greater, must maintain a cumulative GPA of 2.0, as recorded and documented by the Registrar's Office.
2. *Pace (Quantitative) Standard* Students must successfully complete 67% of their attempted courses as recorded and documented by the Registrar's Office. Dropped courses will not be included. Courses withdrawn from after the end of the add/drop period will be counted toward attempted credits.
3. *Maximum Timeframe Standard* A student's Maximum Timeframe for completion of their academic program must not exceed 150% of the published program length, measured in credit hours. For example: AA or AS degrees require 62 credits, therefore the maximum time frame allowed is 93 credit hours. BA or BS degrees require 122 credits, therefore the maximum time frame allowed is 183 credits hours.

The first time students are in violation of the Maximum Timeframe Standard, they will receive a "Suspension", making them ineligible for financial aid. There is no appeal for the Maximum Timeframe Standard.

Grades and Credits

Courses with grades of "W" (withdrawn), "I" (incomplete), and/or "F" (failed) are counted as courses attempted but not earned AND count toward the Maximum Timeframe Standard and the Pace Standard. Satisfactory Academic Progress status will include repeated and remedial coursework unless determined otherwise by the Financial Aid Office during review of a Satisfactory Academic Progress Appeal. Please note that transfer credits do count in determining the GPA (Qualitative) Standard, Pace (Quantitative) Standard, and Maximum Timeframe Standard for Satisfactory Academic Progress. The Financial Aid Office will NOT automatically adjust a student's Satisfactory Academic Progress status when grades are changed or finally reported, but rather ONLY upon request from the student. For any grade change (especially regarding a prior grade of "I" incomplete that has now been assigned a traditional letter grade), a student is responsible for notifying the Financial Aid Office of such a change and requesting a review of their Satisfactory Academic Progress evaluation.

Monitoring Period and Suspension

Students will have their satisfactory academic progress evaluated once a year at the end of the spring semester regardless of whether the student received financial aid. Students not meeting these Satisfactory Academic Progress standards will receive communication via a letter sent to the mailing address on record. The first time a student falls below the GPA (Qualitative) Standard, or the Pace (Quantitative) Standard for Satisfactory Academic Progress, federal aid eligibility will be suspended. The student can immediately appeal for a probationary period.

Appeal for Probationary Period

A Student who fails to meet a Satisfactory Academic Progress (SAP) Standard at the conclusion of the Spring Semester will be placed in a Financial Aid Suspension Status and will lose all Federal aid eligibility until the student is in compliance with SAP standards. A student whose Federal Aid eligibility has been suspended may appeal for a Probationary Semester by completing: (1) a SAP Appeal Form, and (2) writing a letter explaining the specific circumstances attributable to their noncompliance, and (3) meeting with a member of the Academic Support team. Academic Support will assist the student with strategies for successful completion of the students' academic career.

An appeal must be based on significant mitigating circumstances that seriously impacted academic performance. Examples of possible mitigating circumstances are serious illness, severe injury, death of a family member, and other similar situations. Also, the student will need to describe what has changed in their current situation that will allow the student to demonstrate SAP at the next evaluation. The student will be notified of the appeal decision via their LSC email and the decision is final.

If a student's appeal is approved they will generally be placed on an "Academic Plan" created in conjunction with a member of the Academic Support Office, and the student will be notified via LSC email. The student will be considered for federal aid during the probationary period for which the student has applied and is otherwise eligible. Once the probationary semester has concluded, the student may re-establish eligibility to be considered for federal aid for a subsequent semester by either:

Going forward the student's probationary status will remain effective as long as the student is below the requirements of either component of the Satisfactory Academic Progress Policy. This probationary status requires the student to strictly adhere to the requirements of their "Academic Plan" which generally requires (unless otherwise stated) the student to earn all credits attempted (no W's/Withdrawals) **and** to also earn a GPA of at least 2.00.

Federal Aid Programs Administered by the College

Federal Supplemental Educational Opportunity Grants (FSEOG), ranging from \$200 to \$1,500, are available to undergraduates with exceptional financial need. Priority is given to Pell Grant recipients.

Federal Perkins Loans at low interest (five percent) are made to undergraduate students by the college from available funds. A total of \$20,000 may be borrowed by undergraduate and up to \$40,000 by graduate students (including undergraduate Perkins Loans/NDSL). Under current federal regulations, Federal Perkins loans are scheduled to end 9/30/2017.

Federal Work-Study provides jobs on campus for eligible undergraduate and graduate students. A limited number of jobs are available off-campus for America Reads tutors.

Other Federal Programs

Federal Pell Grants for the current academic year range from \$598 to \$5,815, depending upon eligibility as determined by a national standard formula. Federal Stafford Loans (subsidized and unsubsidized) enable students to borrow federal loan funds.

Federal Direct Stafford Loans, from the William D. Ford Federal Direct Loan (Direct Loan) Program, are low-interest loans for eligible students to help cover their cost of education. Eligible students borrow directly from the U.S. Department of Education. A student cannot borrow more than the cost of attendance minus any financial aid, so in some cases the amount of a student's need may limit the amount of the Federal Stafford Loan. The federal government pays the interest on the Subsidized Federal Stafford loans while students are enrolled on at least a half-time basis. The student pays the interest on the Unsubsidized Federal Stafford Loan while the student is enrolled on at least a half-time basis.

The following chart provides maximum annual and aggregate (total) loan limits for subsidized and unsubsidized Direct Stafford Loans.

Year	Dependent Undergraduate Student (except students whose parents are unable to obtain PLUS Loans)	Independent Undergraduate Student (and dependent students whose parents are unable to obtain PLUS Loans)	Graduate and Professional Degree Student
First Year	\$5,500—No more than \$3,500 of this amount may be in subsidized loans.	\$9,500—No more than \$3,500 of this amount may be in subsidized loans.	\$20,500

Second Year	\$6,500—No more than \$4,500 of this amount may be in subsidized loans.	\$10,500—No more than \$4,500 of this amount may be in subsidized loans.	
Third and Beyond (each year)	\$7,500—No more than \$5,500 of this amount may be in subsidized loans.	\$12,500—No more than \$5,500 of this amount may be in subsidized loans.	
Maximum Total Debt from Stafford Loans When You Graduate (aggregate loan limits)	\$31,000—No more than \$23,000 of this amount may be in subsidized loans.	\$57,500—No more than \$23,000 of this amount may be in subsidized loans.	\$138,500 -- The graduate debt limit includes Stafford Loans received for undergraduate study.

Federal Direct Parent Loan for Undergraduate Students (PLUS) allow parent borrowers of undergraduate, dependent students to borrow federal funds up to the cost of attendance minus financial aid. The interest rate is fixed at 7.9% and accrues from the first disbursement. Borrowers choose whether to begin repayment when the loan is fully disbursed or to defer repayment while the student is enrolled.

Veterans' Administration Educational Benefits may be available to students who fit one of the following categories: 1) children, spouses, widows, or widowers of veterans who died or were permanently and totally disabled as the result of service in the armed forces of the U.S., 2) children of servicewomen/men missing in action or prisoners of war for more than 90 days, 3) qualified servicewomen/men in civilian life, or on active duty in the armed forces who qualify. Application should be made to the Veterans' Administration. The Student Services Center provides information and assistance for those seeking education benefits.

Lyndon State College Grants and Scholarships

Lyndon State College offers a variety of scholarships to both new and returning students. Awards are based on academic and personal achievement and are need-based or non need-based. To be considered for both need-based and non-need based scholarships, a completed Free Application for Federal Student Aid (FAFSA) is required.

Application deadlines are April 1 for new students and April 15th for returning students. Applications are available on our website at www.lyndonstate.edu by clicking on Financial Aid and Scholarships, then Forms.

State Grants and Non-Institutional Scholarships

Vermont Incentive Grants are awarded on the basis of financial need by the Vermont Student Assistance Corporation (VSAC). Any full or part-time undergraduate Vermont resident who plans to attend or is enrolled in an approved post-secondary institution is eligible to apply. An on-line application is also required.

Out-of-State Incentive Grants are available to qualified students from Maine, Massachusetts, and Pennsylvania. Application procedures vary and should be made directly to the Higher Education Assistance Agency from each of the states listed. Additional information is available on the FAFSA web site.

Non-institutional/outside scholarships are an excellent and frequently overlooked means of obtaining financial assistance. Local service organizations are an especially good source of scholarships.

Financial aid awards may be adjusted upon receipt of such items as family contribution, grants, outside scholarships, and loans. In order to be eligible for financial aid, such resources may not exceed the total costs of attending Lyndon.

Academic Policies & Procedures

Click on a link to be taken to the entry below.

- Student Responsibilities
- Academic Advisors
- Course Substitution Options
- Course Offerings
- Credit Definition
- Class Schedule
- Internships and Cooperative Education
- Veterans Benefits for Co-Op Courses
- Independent Study
- Attendance in Courses
- Classroom Behavior
- Electronic Device Classroom Use
- Academic Honesty
- Basic Skills Competencies
- Academic Standing and Grading
- Graduation and Awarding of Degrees
- Registration
- Leave and Withdrawal
- Honors
- Academic Appeals

Student Responsibilities

You have come to Lyndon State College expecting to receive a high-quality education. We intend to make good on that promise by providing an atmosphere ideal for nurturing growth and learning. In turn, we have expectations concerning your attitude and actions.

What follows are edited and summarized versions of existing rules, regulations and policies contained in the Lyndon State College Policy Manual. Copies of the manual are in the College library, or can be viewed on the College's web page. Ultimate responsibility for knowledge and observation of all academic rules rests with you.

Academic Advisors

When you are admitted to the college, you will be assigned an academic advisor in the area of your expressed academic interests and career objectives. Working with your advisor, you will select any required Basic Skills courses, appropriate General Education Unit courses, and the courses you need for your intended major programs. You can see your advisor on regular class

days each semester during his or her scheduled office hours or by appointment. Advisors should serve as your first resource for discussion of academic problems and questions on academic policies. You should consult with your advisor about every course you intend to register for each semester, as well as any changes after the initial registration. Students may change advisors at any time by submitting a Change of Advisor Form to the Student Services Office.

Course Substitution Options

Students may request consideration of substitution of courses, previous learning, or previous experience for courses offered at the college in three ways: waiver, challenge, or assessment of prior learning.

1. *Course Substitution Request*- Substitution of a specified LSC course for a required LSC course or of a transferred course for a required LSC course are approved by the Academic Standards Committee. Students need to initiate the process with the academic advisor. Even if a specific course requirement might be waived, the number of credits associated with required courses must be fulfilled through successful completion of other courses.
2. *Challenges* - Students also may request college course credit for a previous, specific, non-classroom learning experience. Students must demonstrate possession of knowledge that would allow the award of credit. Maximum credits allowed through this "challenge" process are 12. Credits awarded by challenge are treated as transfer credits. Course challenge forms are available at the Student Services Office. Payment of a fee is required to initiate the challenge process.
3. *Assessment of Prior Learning* - Employment experience, volunteer work, vocational or professional training can provide a substantial body of knowledge that may complement or substitute for formal college study. In cooperation with the Office of External Programs of the Vermont State Colleges, Lyndon awards credit for demonstrated competency from prior learning and life experience. Students enroll at the Community College of Vermont for the course Educational Assessment and Portfolio Preparation where they begin to document all activities related to college-level work. Students may request 13 or more credits using this option.

Course Offerings

The diversity of course offerings at Lyndon allow the faculty to employ a wide range of instructional strategies with students. Lectures and seminars may be augmented by studio or laboratory work, or by independent or group research. Various courses use classroom and field experience with opportunities to explore techniques such as role playing or computer simulations. By using the descriptions of courses in this catalog and suggestions from instructors and faculty advisors, you can structure programs through which you may experience a variety of instructional techniques in meeting your educational or professional goals.

Credit Definition

The college uses a two-semester system of annual enrollment. Semesters are generally 15 weeks in length. A single-credit hour normally consists of either one hour of lecture or two hours of laboratory per week. **In general, students can expect approximately two hours of work outside of class for each one hour of work in class.**

Class Schedule

Lyndon's catalog of course offerings over the current academic year appears in this publication. While the college will attempt to follow this planned schedule, changes in curriculum or in course enrollments may necessitate adjustments. While you and your advisor should use the catalog for planning, Lyndon is not responsible for any changes in your plans that might be caused by necessary alterations in this tentative schedule of planned course section offerings..

The final version of the college's Class Section Schedule for each semester is the official announcement of course section offerings for that semester. The college reserves the right to make changes regarding the announced instructors for course sections or to cancel course sections for lack of sufficient enrollment.

Internships and Cooperative Education

While there is great value in your classroom experience, one of the best ways to learn is to combine your classroom education with practical work experience under the guidance of your college professors. The Internship and Cooperative Education Program provides this important experience.

Students hold internships in diverse settings including social service agencies, local newspapers, ski areas, and radio and television stations. In all internships and co-ops, students are introduced to opportunities, duties and responsibilities in their desired career areas. In many cases, students are paid by the employer for the work experience.

All students with sophomore standing, a 2.0 grade-point average, and at least one semester at Lyndon State College are eligible to participate in the program through departments sponsoring Internships and Cooperative Education placements. Some departments have additional requirements (such as completion of specialized courses or the General Education Unit). Educational goals and appropriate assignments for each course are developed by the supervising faculty member in consultation with the student. The faculty supervisor receives biweekly reports from the student and conducts on-site visits. Internships and Cooperative Education courses are measured in credit hours and are graded.

A minimum of 50 hours of approved work experience, plus documentation and evaluation of learning by the student, are required for each credit hour granted for an Internship and Cooperative Education experience. See the Career Services Office for complete regulations.

Veterans' Benefits for Co-Op Courses

In compliance with the requirements of VA Regulation 14265, eligible co-op courses that are accepted by the Vermont State Approval Agency and certified by Lyndon as "in-residence" course work must be directly supervised by the college, be required for graduation, include regularly scheduled class attendance of at least 50 minutes per week to provide for interaction between instructor and student, consist of a planned program of activities controlled by the school and not by the official of the job establishment, and include a schedule of time required for the training that demonstrates that the student shall spend at least as much time in preparation and training as is normally required for other resident courses.

Because the Cooperative Education contract must be submitted to the State Approval Agency, there may be some delay in receipt of the first VA benefit check for the semester. Cooperative Education courses not meeting the requirements of VA Regulation 14265 shall be certified as "independent study" and as such are not treated by the VA as full-time attendance unless combined with more than half-time in-residence course work.

Independent Study

Sometimes students discover a need to cover special topics or projects which are not available in the current schedule. An Independent Study course creates a special curriculum in which a student and a faculty member may explore these areas. The Independent Study is offered at the discretion of the various departments and is normally supervised only by full-time faculty members. The Independent Study must include a learning contract signed by the student, the student's advisor, the instructor, the chair of the sponsoring department, and the Dean of Academic and Student Affairs. The contract is available in the Student Services Office.

Attendance in Courses

We believe that sound scholarship includes attendance in all class meetings. **When the instructor has not announced an attendance policy, a student who misses more than twice the number of class meetings per week in any course may be dismissed from that course with a failing grade.**

Classroom Behavior

The college recognizes the right of the instructor to control the academic environment of the classroom; disruptive behavior will not be tolerated. A faculty member may insist that a student leave the classroom or laboratory if the student is disruptive and does not heed a first warning. Should a faculty member determine that a disruptive student should be dismissed from a class for the

remainder of the term with a failing grade, there shall be a written statement to the student, citing the student's right of appeal under Policy 151-XIII, and with copies to the Registrar and the Dean of Academic and Student Affairs.

Electronic Device Classroom Use

Electronic devices cannot be used in class unless instructionally relevant to the class. It is the prerogative of the instructor to establish his or her own policy for electronic devices. However, because Lyndon utilizes cell phones as part of its emergency warning system for campus-wide emergencies, an instructor may designate a person as a point of contact and allow that person access to her/his cell phone.

Academic Honesty

Academic dishonesty is a serious offense against the college and its entire community of learners. Academic dishonesty includes any act that is intended to deceive, cheat, or defraud so as to enhance or promote one's own or another's academic standing, or to diminish another's academic standing. Academic dishonesty also includes plagiarism.

An instructor suspecting a student of academic dishonesty shall inform the student of the charge, its basis in fact, and the appeals policy. Instructors may impose sanctions to include failure in the assignment, failure in the course, and dismissal from the course. Other possible judicial sanctions may be imposed by the Dean of Academic and Student Affairs or the Academic Standards Committee following appropriate notice from the faculty member. Students may appeal the action of an instructor under the general procedure for "Academic Appeals," which is included near the end of this section.

For a more complete description of the official policy on academic honesty, please refer to the Lyndon State College Academic Policy Manual.

Basic Skills Competencies

Students enter college with varying degrees of academic preparation in areas that are essential to academic success. These areas include English, mathematics, and reading and study skills. These competencies may be satisfied by LSC placement test, suitable transfer credit, CLEPS, Advanced Placement exams or successfully completing the following Basic Skills courses: MAT 0010 and/or MAT 0221 (see Course Offerings for full descriptions of these courses). These basic skills courses do not confer credit toward graduation, but satisfying all these competencies is a requirement for graduation. Students who test into six or more credits of Basic Skills are limited to a total of thirteen credits in their first semester.

Basic Skills courses must be taken every semester until they are passed. Students not passing the tests or courses by the end of the second semester of full-time enrollment, will not be granted sophomore standing until such time as the requirement is fulfilled. Students with disabilities are invited to work with the Academic Support staff for assistance in fulfilling this requirement. Accommodations are available for students with qualifying disabilities under Section 504 of the Rehabilitation Act of 1973 and appropriate sections of the Americans with Disabilities Act of 1990.

Academic Standing and Grading

Academic Standing

Lyndon recognizes four categories of academic standing:

1. *Good Standing:* For all matriculated students who have fewer than 30 earned or GPA credits, good academic standing is sustained by maintaining a cumulative GPA of 1.75 or higher. For all matriculated students who have 30 or more earned or GPA credits, good academic standing is sustained by maintaining a cumulative GPA of 2.00 or higher. Students must also satisfy the Basic Skills requirement by the end of their second semester.

2. *Probation:* Students are placed in this status when the cumulative GPA falls below Good Standing. A student may not register for more than 13 credit hours during Probation, and must confirm registration in all courses through the Academic Support Center.
3. *Academic Dismissal:* Students on Probation who fail to raise their cumulative GPA to Good Standing level in the subsequent semester will be dismissed. A first dismissal under Academic Standing policy precludes enrollment for a minimum of one semester. This dismissal may be appealed. Students who leave the College while on probation, or who are readmitted following dismissal, remain on probation. Students who are readmitted and fall again below Good Standing will be dismissed and will not be readmitted for a minimum of two years. Students who have been dismissed may not enroll in courses offered by the College during the period of their dismissal.
4. *Academic Early Dismissal:* Students failing to achieve a grade point average of 1.00 or better at the end of their first semester of enrollment will be immediately dismissed from the college for a minimum of one semester.

Grading

Lyndon recognizes the necessary right of instructors to assign grades to student academic performance. Grades given under an instructor's informed judgment and without prejudice are an essential part of the exercise of academic freedom. Students who believe that a grade was assigned with undue treatment or procedural error should consult the "Academic Appeals" section.

With the exception of Incompletes, most changes of grade, including those requested by the instructor, must be approved by the Academic Standards Committee of the Faculty Assembly.

Semester and Cumulative Grade-Point Averages

Quality points earned in each course are calculated by multiplying the number of quality points for each letter-grade by the number of credits in the course. Thus, a three-credit course graded A will yield 12 quality points, and a five-credit course graded B yields 15 quality points.

The semester grade-point average is calculated by dividing the total letter-graded credit hours attempted during the semester into the total quality points earned during the semester. The cumulative grade-point average is calculated by dividing the total letter-graded credit hours attempted into the total quality points earned.

The following letter grades are used at Lyndon and employed to calculate the semester and cumulative grade-point averages:

Letter Grade Point Value Credit Earned P/NP

A+	4.00	Yes	P
A	4.00	Yes	P
A-	3.70	Yes	P
B+	3.30	Yes	P
B	3.00	Yes	P
B-	2.70	Yes	P
C+	2.30	Yes	P
C	2.00	Yes	P
C-	1.70	Yes	P

D+	1.30	Yes	P
D	1.00	Yes	P
D-	0.70	Yes	P
F	0.00	No	NP

Special Grade Notations

For the following types of courses instructors may decide whether or not to provide a written evaluation as part of the transcript in addition to the regular grade, or whether to allow the student to decide within the first week of classes to request a written evaluation: cooperative education, student teaching, practicum, internship, field work, independent study, and special studies.

Grade	Legend	Credit Earned
P	pass	Yes
NP	no pass	No
AU	audit	No
TR	transfer credit	Yes
CR	credit-granted	Yes
W	withdrawn	No

Students may enroll in a course on a P/NP basis in three instances:

1. The course is identified in the Class Schedule as being given on a P/NP basis.
2. The instructor may allow each student in a class to determine individually a preferred method of grading. Courses open to student choice of grading method are so identified in the Class Schedule. This option may be exercised within the add period and may not subsequently be changed. If no option is stated, a letter grade will be assigned.
3. Each semester juniors and seniors may select one letter graded course, not used to fulfill the General Education Unit or specified program requirements, to be graded on a P/NP basis. The selection must be made before the end of the add period and appear on the student's registration form. This option is designed to encourage juniors and seniors to enroll in challenging courses without the risk of lowering their gradepoint averages.

Incomplete

A grade of Incomplete indicates the course was not completed for reasons that were beyond the student's control and acceptable to the instructor. The student is allowed a specified period of time, not to exceed the end of the seventh week of the semester immediately following award of the "I", to complete the course. Failure to satisfy the course requirements in the period stipulated shall result in a grade of F or NP (instructors have the option of assigning a default grade other than F). While work on the incomplete course is still in progress, academic standing is determined by the student's other grades. However, the student is ineligible for inclusion on the Dean's List or President's List until all work is completed.

Non-Use of Grades and Credits

With the approval of the new academic advisor and Academic Standards Committee, a student may choose to exclude selected grades earned at the college from the computation of the cumulative grade-point average. This request may be made only when changing majors, for courses that are required in the former major but are not required in the new major, and only once in the Vermont State College academic career.

Students may request "non-use of grades" for any courses eliminated from the curriculum by Faculty Assembly or that have not been taught for five years. Use requires a compelling reason, stated in writing on the appropriate form.

Applying this policy also means the credit earned in courses whose grades are not used will be lost, the new resulting grade point averages shall not retroactively affect probation and dismissal status, and the original record of courses, grades, and credits will remain on the transcripts with a notation of their non-use.

Class Standing

The College determines the student's class standing as follows:

Credit Hours Earned Class Standing

0 - 29.9	First-year
30 - 59.9	Sophomore
60 - 89.9	Junior
90 and over	Senior

Note: Seniors will not be allowed to register with their class until completing the General Education Unit.

Graduation

Award of Degree

Students must meet graduation and degree requirements - including satisfactory completion of appropriate graduation standards - as published in a single catalog that is in effect during or after the semester of their first enrollment, and published not more than seven years prior to the award of the degree (that is, the current academic year plus the previous six academic years). Students must declare programs and catalog year prior to applying for graduation.

Catalogs, until surpassed by the next edition, have an effective date of the first day of the fall semester of the year in which they are published. A student who began study in a degree program while the program was then available, and who completes requirements within the specified time limits, may be awarded a degree from their own catalog year even if the program is not listed in the most current catalog. For a complete discussion of policies and regulations for degree programs, please refer to the Lyndon State College Academic Policy Manual.

Application for Award of Degree

The responsibility for your education ultimately rests in your own hands. Likewise, the timely completion of the paperwork and processes associated with the award of your degree is your responsibility as well. Failure to take the required steps for review and application for degree may delay your graduation even if all other graduation requirements have been completed. The Registrar and Records Specialist - Graduation review the academic records of students who have applied to graduate. Students are

encouraged to work closely with their advisors to ensure that they register for and complete all required coursework and other requirements for degree completion..

Only students who are currently matriculated may graduate. Students absent from the college and not on a Leave of Absence who are seeking to complete a degree with Lyndon courses must apply for readmission.

It is highly recommended that graduates submit a graduation application through WebServices prior to registering for their last semester of enrollment and review their computer generated Program Evaluation with their advisors every semester prior to registration. The final deadline for applying to graduate is:

For December graduates — at the end of the spring pre-registration period for fall classes (this is normally in April).

For May and August graduates — at the end of the fall pre-registration period for spring classes (this is normally in November).

Applications for graduation are made for a specific degree or degrees with specific major(s), minor(s) and/or concentrations in the specific catalog year. The graduation check is based upon that application only. Any changes to the declared degree program(s) must be approved prior to the end of the add/drop period of the final semester. Changes made after that date (including approved Course Substitutions and/or Waivers) require the student to reapply for graduation for a subsequent term.

Satisfaction of graduation requirements, including coursework and graduation standards, is audited by the Registrar's Office. If it appears that graduation requirements will not be met, the student, advisor and the appropriate department chair will be notified. Any rectifying response, including course substitution or waiver decisions, must be arranged in such a way that all graduation requirements, with the exception of courses to be taken in the last semester, will be satisfied by the first day of the semester of expected graduation. Failure to do so may delay graduation, even if all requirements are completed prior to the intended date.

Minimum Acceptable Grades and Cumulative Grade Point Averages

The minimum acceptable grade is a C- or P for the granting of transfer credit and the fulfillment of prerequisite, major, minor, certificate, and GEU requirements. The minimum acceptable grade is a D- or P for the fulfillment of unrestricted electives. A minimum acceptable cumulative grade point average of 2.00 is required in the sets of courses submitted to fulfill the GEU, all undergraduate majors, certificate, all Associate's Degrees, and all Bachelor's Degrees.

Conferring of Degree

Degrees are awarded from Lyndon State College each year with the dates of Commencement (for Spring), August 31 (for Summer) and December 31 (for Fall) and diplomas bearing these dates are mailed to students after the final degree audits are completed. The Commencement ceremony occurs only once each year at the end of the spring semester. Official transcripts from the college reflect the actual date that the degree was awarded by the College.

Registration

Academic Record

The Lyndon State College official academic record identifies the student, the basis of admission to the college, previous higher education and courses transferred, academic work pursued at Lyndon, and information pertinent to academic standing, such as notices of probation or dismissal, Dean's List honors, waivers or other documents affecting progress toward a degree. No information concerning non-academic discipline appears in the academic record.

Students have the right to inspect their academic records and challenge any information that they believe to be inaccurate or misleading. Files must be reviewed in the Student Services Office.

In accordance with practices recommended by the American Association of Collegiate Registrars and Admissions Officers, Lyndon maintains this official academic record for each student. No record is made or maintained unless there is a demonstrable need for it, which is reasonably related to the basic purpose and necessities of the college. No records shall be kept that will discriminate by race, color, national origin, sex, religion, age, veteran status, sexual orientation, creed or disability in employment or provision of services.

For further information on the policy governing the inclusion of information and maintenance of academic records, ask at the Student Services Office. Portions of the students academic record are available online to the student with their personalized login at portal.vsc.edu through Web Services.

Transcript of Academic Course Work

An official transcript or copy of your course work is one that bears the seal of the college, the date of issue, and the signature of the certifying official. For each copy, you must submit an online request and payment of fee (if applicable). Please see detailed information at <http://lyndonstate.edu/offices-services/student-services/registrar/transcript-request/>

It is College policy not to issue grades or transcripts to students with outstanding financial obligations.

Release of Records and Information

In accordance with the Family Educational Rights and Privacy Act of 1974, as amended, Lyndon State College will not release personally identifiable records of a student to any individual, agency, or organization without the student's prior written consent, except as provided by the law.

Lyndon may maintain student "directory information" which is information which would not generally be considered harmful to the student or an invasion of privacy, if disclosed. For the purposes of this policy, directory information includes name, home and college address, telephone listing, college e-mail address, date of birth, major, enrollment status (full-time or part-time), enrollment level (undergraduate or graduate), dates of attendance, degrees and awards received, weight and height of athletic team members, photographs, most recent and previous educational institution attended, and participation in officially recognized activities and sports. Unless the student notifies the college that it should not be released, this information will be made available at the discretion of college officials.

A complete statement of Lyndon policy regarding the Family Educational Rights and Privacy Act is published on the Lyndon State College website.

False Information and Misuse of College Documents

Furnishing false information or forging, altering, or misusing college documents, records, identification cards or contracts is not acceptable conduct and is punishable through the college judicial process.

Residency Requirement and Matriculation

A matriculated student is one who has been formally accepted by the college as being registered in a degree program. All matriculated students have a minimum number of credit hours that must be taken at Lyndon State. For Bachelor's candidates, the residency requirement is that 30 of the last 39 credit hours must be achieved in courses specifically taken at Lyndon State

College. For Associate candidates, 15 of the last 21 credit hours must be achieved in courses specifically taken at Lyndon State College.

Transfer Credit

Courses completed within the Vermont State Colleges are treated as if taken at Lyndon State College and automatically appear on the student's Lyndon transcript.

Lyndon grants transfer credit for courses taken at regionally approved higher education institutions with the following general provisions:

- A. the grade previously earned must be at least "C-," or "Credit" where credit is equal to at least a "C-";
- B. proper and official documentation of previous work must be submitted along with the request for evaluation. Students are responsible for having the other institution submit an official transcript directly to the Lyndon State College Registrar's Office, from which the Associate Registrar will assign course equivalency.

Note that courses taken over ten years prior to (re)admission that fulfill major departmental requirements will be subject to review by the major department. Also, general education courses taken over ten years prior to (re)admission will be reviewed by the Registrar's Office.

As long as matriculated students follow the residency rule mentioned in the previous section, they may enroll in courses at other institutions and receive equivalent transfer credit at Lyndon. Students should seek advance approval by submitting an off-campus study form provided by the Student Services Office and a copy of course descriptions prior to the beginning of class.

A complete discussion of official policy on transfer credits can be found in the College's Academic Policy Manual which can be found in the college library.

Registration in Course Sections

Students are considered to be registered in their course sections:

- A. If they have registered themselves or with an academic advisor using WebServices, filed all necessary forms for registering and changing their schedules with the Registrar's Office within stated deadlines. The Registrar's Office requires additional registration forms for course sections undertaken through Cooperative Education/Internships or Independent Study; and
- B. If they have obtained Business Office clearance.

Add/Drop

During the Add/Drop period, students may change course schedules by utilizing WebServices or filling out the appropriate forms (with appropriate approvals) with the Registrar's Office and submitting them by the deadline. Changes in registration are the student's responsibility and an "add" or "drop" is not official until the required signatures, if any, are obtained and the form is returned to and processed by the Registrar's Office. Instructors are not able to change registrations. The Add/Drop period is generally the first two weeks of a semester. Students may access their class schedules at any time through Web Services.

For financial charges for Add/Drop, please see the section on Tuition and Fees.

Student Course Load

A typical, full-time course load is 15 to 16 credit hours per semester. Full-time undergraduate students must carry at least 12 credit hours. To carry more than 18 credit hours, a student must obtain written approval from the advisor and the Associate Dean

of Academic Programs and Faculty, and have a cumulative grade-point average of at least 3.00. It is highly recommended that first year students limit their course load to 15 credits.

Address

Every matriculated student, whether residing at Lyndon or commuting from an off-campus residence, is assigned a campus mailbox. The college is not responsible for any failure to communicate a financial or academic notice to any student failing to pick up mail from their assigned campus box.

Auditing Course Sections

Students may audit a course section with the approval of the Registrar and the course instructor. No grade or credit is conferred. After the deadline for adding a course, no change will be made either to allow credit for a course audited, or to change a regular course to the status of an audited course. For financial charges for auditing a course, please see the section below on Student Expenses.

Repeating Courses

Unless a course is designated as one that can be repeated for credit, no additional credits will be awarded for repeating a course in which a student has already received a passing grade. The transcript will maintain the original record of the course as well as the new registration and grade; the cumulative grade point average will reflect the last grade earned. Students must have permission from the Associate Dean of Academic Programs and Faculty to enroll in a course more than twice.

Financial Clearance

All students must be financially cleared by the end of the add/drop period. Students who are delinquent in financial obligations may not attend classes, enroll for succeeding semesters, participate in graduation, or receive transcripts.

Leave and Withdrawal

Leave of Absence

Students may request a leave of absence for up to two semesters by submitting a form (available at the Student Services Office) to the Registrar. Leave will not be granted retroactively.

A leave of absence does not suspend the rule that you must fulfill the requirements of the catalog in effect during or after the semester of your first enrollment and published not more than seven years prior to the award of the degree (see "Graduation").

Students granted leave are not required to apply for readmission, but are treated as returning students under College policies. Arrangements must be made with the students' advisor for advising and registration by April 1st for the following fall semester and by October 1st for the following spring semester.

Students on leave seeking to reserve residence hall accommodations must file their requests with the Office of Student Life by the listed dates.

Leaves may be extended for yearly periods upon written request and approval.

Withdrawal from the College

- A. While the college does not seek to keep a student enrolled when it is clear that college attendance is not in the student's best interest, the college will not allow a student to withdraw merely to avoid failing grades.
- B. Students seeking to withdraw voluntarily from the college must present a properly completed Withdrawal Form to the Student Services Office for approval. After acceptance of the withdrawal, the Student Services Office will, as soon as feasible, inform the student's academic advisor, instructors, and all appropriate administrative offices of the withdrawal.
- C. The official date of withdrawal is determined as follows:
 - 1. The Registrar will determine the official date of withdrawal based on the date the Withdrawal Form is submitted.
 - 2. If the student leaves the college without notifying the college (that is, if the student does not withdraw officially), the last recorded date of class attendance by the student, as documented by the college, may be used as the official date of withdrawal.
- D. Failure to withdraw officially will lead to grades of "F" (or "NC") in all courses, as appropriate.
- E. If the date of withdrawal is:
 - 1. Within the first two weeks of classes: no record will appear on the transcript; student will be considered as not having attended, for purposes of the academic record.
 - 2. Within the third through the eighth week of classes, the transcript:
 - a. will indicate the courses of registration;
 - b. will indicate the date of withdrawal.
 - 3. After the first eight weeks of a term:
 - a. Students may withdraw from the college without any academic penalty only by intervention of the Dean and only after they present to the Dean satisfactory evidence that they must withdraw for unusual and compelling reasons. Such reasons shall normally be limited to those of mental or physical ill health, and evidence must include a signed statement of a physician or other person accepted by the college as qualified to make such a judgment;
 - b. The decision to grant the late withdrawal will be made by the Dean of Academic and Student Affairs with the right of appeal to the Academic Standards Committee;
 - c. The transcript will indicate the date of withdrawal, the courses of registration, and a grade of "W" in those courses.
- F. Adjustments for tuition and fees will be based upon the date a completed withdrawal form is validated by the Registrar. Financial aid may also be adjusted based on withdrawal date. Orientation fees are non-refundable. Room and board charges will be adjusted based upon the date the room checkout process is complete.

Students who withdraw or are dismissed during the semester will be credited for tuition, and appropriate fees on a similar daily pro-rata schedule used to calculate return of Title IV funds. Students who withdraw and end on-campus residency will be credited for room and board until the end of the term on the same pro-rata schedule.

Exceptions:

- 1. Students who withdraw or are dismissed during the first week (seven calendar days) of the semester will be credited 100% of tuition and fees.
- 2. Students who withdraw after the 60% point of the semester will receive no credit for tuition, fees, and room and board.

Honors

Academic Awards and Prizes

The highest recognition given to graduating seniors in the various bachelor programs is election to the Arthur B. Elliott Honor Society. The Society, established in 1960, honors a former president of the college. Election by members of the faculty and senior class is in recognition of outstanding leadership, scholarship and service to the college community.

The leading graduating scholars of the senior class in bachelor programs receive the Rita L. Bole Award for Outstanding Scholarship established by the Alumni Council in 1962 to honor the college's first president. It is conferred on the basis of one's cumulative grade-point average as of the end of the fall semester prior to commencement.

Graduating students who have completed 62 letter-graded credits in the VSC are eligible for Latin honors. Cum Laude requires a minimum 3.50 cumulative grade-point average, Magna Cum Laude requires a 3.70, and Summa Cum Laude requires a 3.90. Latin honors designations are indicated on the student's diploma and transcript and in the commencement brochure. Honors are calculated as of the end of the fall semester prior to commencement.

Other curricular awards are also presented at the close of the spring term to graduating seniors in specific areas of study.

Dean's List

To promote scholarship, the college has established the Dean's List and President's List. The appropriate status is conferred for a semester of achievement of academic excellence. For inclusion on the Dean's List you must have completed a minimum of 12 graded credits, without incomplete or failing grades, and have a minimum, semester grade-point average of 3.50.

Students are placed on the President's List upon additional achievement of a semester grade-point average of 4.00 with a minimum of 15 letter-graded credits and grades in at least four different courses.

Dean's List and President's List status determinations are made after grades are posted but status is based on coursework for which final grades have been posted.

Academic Appeals

Appeals of Academic Standing

At the end of each semester the college makes decisions on academic standing (see section on academic standing for definitions). The letter notifying students of these decisions includes a time frame for appeals. All students will be accorded opportunity for due process.

The student's written appeal must contain clear statements of the basis for the appeal. The Academic Standards Committee will meet to review the appeal, render a decision, and notify the student and the President in a timely manner. Students may appeal the committee's decision by sending a written statement to the President. The President, or the President's designee, will rule on the appeal within a reasonable period of time and inform the student and the Academic Standards Committee of the ruling in writing. The President's (or designee's) decision shall be the last college appeal.

Appeals of Section 504 (the Rehabilitation Act of 1973) and of ADA (Americans with Disabilities Act of 1990)

For this section, working days are defined as days when the majority of College Administrative Offices are scheduled to be open for business.

A Lyndon student who feels that she or he has not received appropriate accommodations from the college for a documented disability has a right to file a complaint under the ADA. Students may also file complaints under Section 504. This procedure is designed to protect the rights of qualified disabled persons while also preserving the discretion of the college under the above statutes.

Students with complaints may use an informal process, presenting their complaints to the Dean of Academic and Student Affairs or Dean of Administrative Affairs. A complaint must be submitted within 30 working days of the date on which the complainant could reasonably have known of the alleged denial or omission of an appropriate accommodation. Consulting with faculty or staff as well as the student, the Academic Dean or Dean of Administrative Affairs will issue a written statement of resolution within 30 working days.

Formal appeals from a complaint resolution must be presented in writing to the President within 15 working days of receipt of the resolution. The President shall conduct an investigation of the complaint within a reasonable amount of time. The complainant may be represented by another college student or employee during the college process of appeal. Within 30 working days of the receipt of the appeal, the President shall issue a written decision, which shall be the final college ruling on the complaint.

There are four government avenues of complaint for alleged discrimination or failure to provide reasonable accommodations under Section 504. The second U.S. District Court has held that Section 504 permits private actions and that exhaustion of administrative actions is not a prerequisite to judicial action. Thus, a student may simultaneously or separately file complaints:

1. through the Vermont Attorney General's office;
2. through a civil action in a Vermont district court;
3. through the college's appeals process; or
4. with the Regional Civil Rights Director.

Appeals of Other Academic Policies

For this section, working days are days of the academic calendar defined each year by the LSC Faculty Federation and Administration.

Students may appeal actions and decisions involving academic policies where they allege unfair and/or wrongful treatment or procedural errors. Students are entitled to due process in accordance with the guidelines contained in the paragraphs which immediately follow below. This policy is intended both to preserve academic freedom and to recognize students' rights.

Both an informal and a formal appeal process are available. In the informal appeal process students discuss their concerns with the instructor and/or the Associate Academic Dean, who is available as a neutral facilitator to aid in clarifying issues and resolving differences. Experience has shown the informal process to be a successful approach to resolving many concerns. Students are encouraged to use the informal process before filing a formal appeal.

Students may initiate a formal appeal by sending a written appeal to the Dean of Academic Affairs, with a copy to the instructor, by the end of the semester following the action being appealed. The Dean of Academic Affairs may extend the deadline in extenuating circumstances. This written appeal must contain clear statements of the action being appealed and the basis for the appeal. Within 10 working days of receipt of the appeal, the Dean will either resolve the case or ask the chair of the Academic Standards Committee to initiate a hearing. In cases where the Dean's resolution is not to the student's or instructor's satisfaction, either may, within 10 working days, request a hearing before the Academic Standards Committee. Within 10 working days of receipt of the request, the committee will notify the student and the Dean of its decision either to decline to hear the case or to conduct a hearing within 20 days of their decision.

In the cases where the Academic Standards Committee conducts a hearing, the chair of the Academic Standards Committee is responsible for conducting a closed hearing, although the student shall have a right to an open hearing upon written request. The following persons shall be invited to the hearing: all Academic Standards Committee members except members directly involved in the case, the student, the instructor, the Dean of Academic Affairs, and an advisor (if desired) selected by the student from among the college's full-time faculty, staff, or students. The student shall be advised in advance of witnesses to be called, and of the facts to which they will testify, and shall have the right to present witnesses or affidavits on his/her behalf. Any witnesses called will be present only during their own testimony. A record of the hearing shall be taken by the committee and maintained by the Faculty Secretary for at least one year. Within five working days of the committee's decision, the chair will send written notice of the committee's findings and decision to the student, the Dean, and the instructor.

Either the student or the instructor may, in cases where the appealing party alleges unfair treatment or procedural error by the Academic Standards Committee, appeal the decision of that committee within 10 days to the President, who may decline to hear the appeal. The President will rule on the appeal within a reasonable period of time, and shall inform the Academic Standards Committee of the disposal of the case. The President's decision shall be the last college academic appeal.

Excess Credit Policy

For credits in excess of 18 per semester, students will be charged for each credit, or partial credit, in addition to the fulltime tuition fee.

Supplemental billings for excess tuition are issued at the end of the add period, at which time students are held liable for the total number of credit hours for courses in which they are then enrolled. See each semester's course schedule for dates of Add/Drop.

Any student who believes that there has been an incorrect charge for an overload should first try to resolve the problem directly with the Student Services Office. If a satisfactory result is not obtained, a written appeal should be made to:

Dean of Administration for appeals based on incorrect charge of tuition or similar financial reasons, or Dean of Academic Affairs for appeals based on incorrect recording of class load or similar academic reasons.

Human Subjects Research

To ensure the minimal potential physical and psychological risk to participants, all human subjects research conducted at the College or by any student or employee of the College will comply with all applicable LSC and VSC policies and state and federal laws (especially Federal Title 45 CFR Part 46). The College has established an Institutional Review Board for Human Subjects Research (IRB) to monitor this compliance. Details may be obtained from the Office of the Dean of Academic and Student Affairs.

Tuition and Fees

Click on a link to be taken to the entry below.

- [Estimated Costs of Attendance](#)
- [Vermont State Colleges In-State Residency Requirement Policy](#)
- [Explanation of Fees](#)

Estimated Costs of Attendance

Students are responsible for familiarizing themselves with the fee descriptions, payment and refund policies. The following schedule lists full-time tuition and basic fees in effect for the 2016-2017 academic year. Tuition, fees, room, and board are subject to change without notice due to reconsideration by the Board of Trustees.

Vermont Residents

Out-of-State Residents

NEBHE Students

	Fall Semester	Spring Semester	Total	Fall Semester	Spring Semester	Total	Fall Semester	Spring Semester	Total
Tuition	\$5,112	\$5,112	\$10,224	\$10,956	\$10,956	\$21,912	\$7,668	\$7,668	\$15,336
Student Activity Fee	135	135	270	135	135	270	135	135	270
Capital Development Fee	398	398	796	398	398	796	398	398	796
Health Insurance*	1,945		1,945	1,945		1,945	1,945		1,945
Sub-Total (Commuter)	\$7,590	\$5,645	\$13,235	\$13,434	\$11,489	\$24,923	\$10,146	\$8,201	\$18,347
Room (Double)	2,974	2,974	5,948	2,974	2,974	5,948	2,974	2,974	5,948
Board (Gold Plan**)	2,020	2,020	4,040	2,020	2,020	4,040	2,020	2,020	4,040
Total (On Campus)	\$12,584	\$10,639	\$23,223	\$18,428	\$16,483	\$34,911	\$15,140	\$13,195	\$28,336

Other Estimated Fees

Application Fee (due when applying for admission)	\$51	Overload Fee (per credit hour in excess of 18 per semester):	
Degree Audit Fee (for Graduation)	\$95	In-State	\$426
Late Registration Fee	\$62	Out-of-State	\$913
Late Financial Clearance Fee (per each notification)	\$100	NEBHE	\$639
Matriculation Fee	\$321	Annual Additional Charges for Single Room (if available)	\$1,586
Change of Course (after normal add/drop period)	\$24	Annual Single Room Suite Rate (Rita Bole)	\$8,286

*Required of all full-time students if not covered by another medical plan. Fee amount subject to change pending federal health reform effective date.

**Gold Plan includes unlimited number of meals plus \$100 per year declining balance plan.

Per Credit Tuition and Fees

Students registered for 12 credit hours or more are full-time students, and current expenses are set forth under "Other Estimated Fees" above. Students registered for fewer than 12 credit hours are considered part-time students and are charged on a per credit basis as follows:

Tuition	Fees
In-State \$426	Student Activity Fee \$12
Out-of-State \$913	

Vermont State Colleges In-State Residency Requirement Policy

The following requirements must be met by a student prior to being granted resident status for the purpose of admission, tuition and other VSC charges:

The applicant shall be domiciled in Vermont, said domicile having been continuous for one year immediately prior to the date of enrollment unless the student has been in the Armed Services, Peace Corps, or other recognized national service organization, and has retained Vermont as his/her permanent address during the period of absence, and has returned to Vermont immediately following discharge from these services. Changes in residency status shall become effective for the semester following the date of reclassification. Domicile shall mean a person's true, fixed and permanent home, to which he intends to return when absent. A residence established for the purpose of attending an educational institution or qualifying for resident status for tuition purposes shall not of itself constitute domicile. Domicile shall not be dependent upon the applicant's marital status.

A student enrolling at the Vermont State Colleges shall be classified by the college's Admissions Office as a resident or nonresident for tuition purposes. The decision shall be based upon information furnished by the student and other relevant information.

The burden of proof shall, in all cases, rest upon the student claiming to be a Vermont resident and shall be met upon a presentation of clear and concurring evidence.

The classification of a student as a resident or nonresident may be appealed in writing to the college's Dean of Administration. The dean is authorized to require such written documents, affidavits, verifications or other evidence as deemed necessary. Further appeal of a student's residency classification may be made in writing to the Office of the Chancellor. The decision of the Office of the Chancellor shall be final.

Explanation of Fees

Room and Board

Room (housing) is applicable to all full-time, unmarried, non-local, matriculated residents as a condition of admission and enrollment, to the extent that campus housing is available. Students residing on campus are billed for a meal plan and may also purchase additional meal points. After the opening of a semester, any student who moves out of college residential halls without permission of the Director of Residential Life may not be entitled to receive any refund of room charges. Commuters may purchase meal points for use at the snack bar or college dining hall at discounted rates.

Student Activity Fee

Established by vote of the student body, this fee covers the expense of student clubs, activities, and publications. Also covered is admission to most concerts, dramatic productions, films, lectures, and other campus cultural events and recreational/social activities. Student teachers who are assigned to schools more than 40 miles from the LSC campus may request exemption from payment of the student activity fee.

Capital Development Fee

The capital development fee offsets costs of major campus facility improvements, such as new building construction and major renovations. For the 2016-17 academic year the fee is \$398 per semester for full-time matriculated students and \$34 per credit hour for part-time matriculated students.

Application Fee

This fee is required when a prospective student applies for admission to the College. Applications that are not accompanied by the fee will not be processed.

Health Insurance Fee

Health insurance is mandatory for all full-time students not otherwise covered. All full-time student accounts are charged with the health insurance fee at the time of registration. If a student already has insurance, an online insurance waiver must be completed through Web Services.

Late Registration Fee

This fee is an additional charge for students who do not complete their semester's class registration process by the published deadline.

Matriculation Fee

This fee is payable by all new, incoming students, including transfer students, to cover costs associated with registration, orientation, and testing.

Degree Audit Fee

All students applying for graduation are charged a degree audit fee upon application.

Overload Charge

This is charged to students taking more than 18 credits in a semester. The charge is per credit at the rate set forth in the preceding table "Other Fees."

Deposits

Students accepted for admission to the College are required to send a \$100 deposit by May 1, which is applied toward tuition and fees. After May 1, this deposit is non-refundable. If a student intends to live on campus, a \$100 nonrefundable deposit is required by May 1 to reserve a room.

Course Fees

Course fees are charged for select courses, as indicated in the course descriptions. Fees are specified in each semester's schedule of courses.

Auto and Motorcycle Registration

There is no charge for registration or annual renewal. Fines may be imposed for the violation of campus parking and traffic regulations. Unregistered vehicles are subject to a \$5 fine.

Damage Assessment

Students may be required to pay for the replacement or repair of college property damaged through their negligence or carelessness. Note: No waiver of fees or fee regulations may be authorized by an official of the College other than the President or Dean of Administration.

Excess Credit Policy

Supplemental billings for excess tuition and for lab fees are issued at the end of the two-week free add period, at which time students are financially responsible for the total number of credit hours and laboratory courses in which they are then enrolled.

If you believe that there has been an incorrect charge for an overload, you should first try to resolve the problem directly with the Student Financial Services Office. If a satisfactory result is not obtained, a written appeal should be made to: Dean of Administration - for appeals based on incorrect charge of tuition or similar financial reasons; or Dean of Academic and Student Affairs - for appeals based on incorrect recording of class load or similar academic reasons.

Billing for Courses Added or Dropped

During the first two weeks of classes there is no charge for adding or dropping a course. There will be no adjustment of tuition and fees for course(s) dropped after the second week of classes. At the end of the add period, students are financially responsible for the total number of credit hours for which they are then enrolled. Any changes in courses after the add/drop period will be subject to an administrative charge that will be added to the student's account.

Auditing Courses

Students may audit courses with the approval of the Registrar and the instructor concerned. No credit is received for audited courses, and tuition is charged at 50 percent of the applicable rate. All fees are charged at full cost. After the period to add a course, no change will be made either to allow credit for a course audited, or to change a regular course to the status of an audited course. The remaining tuition may not be reduced by any other tuition waiver.

Tuition Waivers For Senior Citizens

Effective with the Fall 2016 semester, any student aged 65 years or older may audit one VSC course per enrollment period without tuition charge. Additional courses may be taken without limitation, up to and including completion of a certificate or undergraduate degree, at the rate of 50% of the charged tuition. To be eligible, such persons may not take the place of full tuition paying students in courses with enrollment limits. Course specific fees, including registration fees, shall be the responsibility of the student. All other student fees are waived.

Payment Policy

As a condition of enrollment, all semester charges are due and payable in full by the financial clearance date (approximately two weeks prior to the first day of classes).

The college reserves the right to cancel prior registration and to require you to re-register if tuition and fees are not paid in advance or if classes are not attended in the first week of the semester.

Financial delinquency may serve as a basis for dismissal, and financially delinquent students will be denied enrollment for succeeding semesters, issuance of grades or transcripts, or graduation. Collection costs may be added to delinquent accounts. The college offers a tuition payment plan; for details please contact the Student Services Office.

Late Payment/Financial Clearance Fee

A late payment fee will be charged if financial clearance from the Student Financial Services Office is not received by the financial clearance date which is published on our website or in enclosures mailed to the student. This date is typically two to three weeks prior to the first day of classes. Additional late fees may be assessed for accounts that remain uncleared. Financial clearance means that all semester charges and any previously due balances are:

1. paid in full,
2. covered by financial aid grants and loans,
3. covered by confirmation of participation in the monthly payment plan for tuition and fees sufficient to cover the semester's charges, or
4. covered by any combination of the above.

Degree Programs List

Degree Programs

The following list represents Lyndon's undergraduate degree programs for the 2016-2017 academic year. The boldface entry indicates the major department offering the program, followed by the title, degree, and concentration or track (if any). Degree programs are approved and subject to change by the Vermont State Colleges Board of Trustees.

Atmospheric Sciences

- Atmospheric Sciences (B.S.)
 - American Meteorological Society/Graduate School Concentration
 - Broadcasting Concentration
 - Climate Change Concentration
 - National Weather Service/Military Concentration
 - Private Industry Concentration

Business Administration

- Business Administration (A.S.)
- Accounting (B.S.)
- Business Administration (B.S.)

Sport Management (B.S.)

Criminal Justice, History & Global Studies

Criminal Justice (B.S.)

Social Sciences (B.A.)

Social Science

Global Studies

History

Anthropology/Sociology

Education

Special Education (A.S.)

Multidisciplinary Studies for Inclusive Teaching (B.S.)

Non-Licensure

Early Childhood Education

Elementary Education

Special Education - Special Educator

Electronic Journalism Arts

Electronic Journalism Arts (A.S.)

Electronic Journalism Arts (B.S.)

English, Philosophy and Film Studies

English (B.A.)

Literature and Cultural Studies

Writing

Film Studies

Exercise Science

Exercise Science (B.S.)

Secondary Areas:

Health and Fitness - Strength and Conditioning

Sports Medicine: Pre-professional physical therapy

Pre-professional athletic training 4+2

Self-Designed Program

General Studies

General Studies (A.A.)

Liberal Studies

Liberal Studies (B.A.)

Mathematics & Computer Science

Computing (A.S.)

Computer Information Systems (B.S.)

Software Engineering

Information Technology

Mathematics (B.A.)

Applied Mathematics

Pure Mathematics

Mountain Recreation Management

Mountain Recreation Management (B.S.)

Adventure Leadership

Mountain Resort Management

Music and Performing Arts

Music Business and Industry (A.S.)

Music Business and Industry (B.S.)

Music Management

Music and Self-Promotion

Audio Production

E-Music Composition

Natural Sciences

Environmental Science (B.S.)

Natural Science (B.S.)

Sustainability Studies (B.S.)

Psychology

Human Services (A.S.)

Applied Psychology and Human Services (B.S.)

Visual Arts

Photography (A.S.)

Visual Arts (A.S.)

Visual Communications (A.S.)

Animation/Illustration (B.F.A.)

Graphic Design (B.F.A.)

Visual Communications (B.A.)

Graphic Design & Advertising

Photography

Social Media

Cinema Production (B.A.)

Minor Programs

Anthropology/Sociology

Athletic Coaching Education

Atmospheric Sciences

Biology

Business

Cinema Production
 Criminal Justice
 Electronic Journalism Arts
 Environmental Chemistry
 Exercise Science
 Film Studies
 Geology
 History
 Human Services
 Literature

Marketing
 Mathematics
 Music
 Philosophy
 Photography

Physics - Calculus Based

Physics - Non-Calculus Based

Pre-Law

Psychology

Race & Gender

Russian & Eurasian Studies

Theater

Visual Arts

Writing

Undergraduate Degree Programs & General Education

Lyndon offers Associate Degree programs, which may be completed in two years and Bachelors programs, which may be completed in four years.

Each undergraduate program consists of required courses from the sponsoring academic department, courses from other departments, competency in Basic Skill requirements, the General Education Unit (GEU), and unrestricted electives.

In order to receive a degree from Lyndon, all students are required to take a minimum number of credit hours at Lyndon. For all undergraduates this residency requirement stipulates that 30 of the last 39 credit hours must be achieved in courses taken at the college. The minimum number of credits within a program that must be taken at the college is: major - 12; minors - 6; Liberal Studies Degree Primary Area - 6; Secondary Area - 3.

Requirements for undergraduate degrees may be summarized as follows:

Associate in Science	Associate in Arts	Bachelor of Arts or Science
General Education Foundation, and Distribution: 30 credits	General Education Foundation, and Distribution: 30 credits	General Education Unit: 43 credits
Total Credits: 60	Total Credits: 60	Total Credits: 120

Acceptance to Degree and Licensure Candidacy in Major Programs

During the sophomore year some departments require Lyndon Bachelor degree candidates to apply for formal acceptance into a major program; consult your major program in this catalog for the departmental requirements. Application forms are available from the departments.

Candidates for Vermont Teaching Licenses should consult notes on eligibility under each program for standards governing practice teaching and certification.

Candidates for all associate degrees need not be admitted formally to major programs.

Double Majors

Students may earn a double major at the college by fulfilling all requirements of two programs. Students fulfilling the requirements for two majors will receive a single diploma, but the diploma will state the degree and list both majors. If one of the majors is designated as a Bachelor of Arts, a Bachelor of Fine Arts and/or the other as a Bachelor of Science, the student will have the choice as to the degree that will appear on the diploma (as well as the official transcript).

An individual course may not be applied toward fulfilling requirements in both programs, except:

1. a course may be applied toward GEU requirements in both programs;
2. a course may be applied toward GEU requirements in one program and major requirements in the other program;
3. a course may be applied toward both programs when that course is explicitly stated as a requirement in both programs;
4. a course may be applied toward a program requirement in one major and elective credit in the other major; or
5. a course may be applied toward elective credit in both programs.

Minor Programs

Lyndon offers minor programs consisting of 18 to 24 credit hours of course work. While minors lack the depth and breadth of a major program, they do allow for some concentrated study in a single area. Students interested in gaining recognition for a minor program must apply to the sponsoring department through the Registrars Office by the end of the term preceding completion of the minor. Successful completion of a minor will not appear on ones diploma, but will be noted on the transcript once the student has graduated from a baccalaureate program.

Course Numbering

Basic Skills	0000
First Year	1000
Sophomore	2000
Junior	3000
Senior	4000
Graduate	5000-6000

Course Abbreviations

ACC	Accounting
ANT	Anthropology
ARH	Art History
ART	Art
ATM	Atmospheric Sciences
BIO	Biology
BUS	Business
CHE	Chemistry

CIN	Cinema Production
CIS	
CRJ	Computer Information Science
DES	Criminal Justice Design
ECE	
ECO	Early Childhood Education
EDU	Economics
EJA	Education
ENG	Electronic Journalism Arts
ENV	English
FLL	Environmental Science
FLM	Foreign Language
FRE	Film Studies
GEO	French
GEY	Geography
GIS	Geology
GER	Geographic Information Systems
HIS	German
HUM	History
INT	Humanities
LIB	Interdisciplinary Seminar
MAT	Liberal Studies
MRM	Mathematics
MUS	Mountain Recreation Management
MBI	Music
PHI	Music Business Industry
PED	Philosophy
PHY	Physical Education
POS	Physics
PSY	Political Science
RUS	Psychology
SCI	Russian
SED	Science
SOC	Secondary Education
SPA	Sociology
SSC	Spanish
THA	Social Science
XSC	Theater Exercise Science

VSC Graduation Standards

Vermont State College Graduation Standards

A Lyndon State College degree attests not only to accomplishment in the major field and general education, but to acquisition of transcendent skills expected of all college graduates in today's world. For this reason, Lyndon is committed - as are all of the

Vermont State Colleges - to ensuring that graduates have achieved proficiency in written and oral expression, information literacy, and quantitative reasoning.

All students entering Lyndon State College will be expected to demonstrate mastery of written expression, information literacy, quantitative reasoning, and oral expression prior to, and as a requirement for, graduation. Assessment methods are subject to change and vary across programs. Any student with a documented disability should contact the Learning Specialist as any accommodation that is allowed for testing in a class will be permitted for testing for graduation standards.

Each of these standards will be assessed as students reach advanced levels of study, generally as juniors or seniors. In practice, this means that Associate degree students will encounter the assessments in the second year. Bachelor's degree students will encounter the assessments in the third or fourth year of full-time attendance. Transfer students will encounter the assessments at times appropriate to their entry level, but prior to their graduation.

For more information, please speak with your faculty advisor or contact the office of the Dean of Academic Affairs.

General Education and Degree Program Information

Northern Vermont University

General Education

Taught by faculty from across the college

Program Mission Statement

General education at Lyndon prepares all students to respond responsibly, productively, and creatively to a complex and changing world that is characterized by rapidly evolving careers and communities. Statistics show that college graduates today are likely to face at least four significant career changes before retirement, regardless of major. Lyndon's general education responds to this challenge in two ways. First, the general education program provides focused practice in the foundational skills required for all career paths: critical thinking, writing, reading, communication, information literacy, and quantitative reasoning. Second, general education provides a framework of content, thought, and inquiry designed to help every student succeed personally and professionally in today's global society.

Program Goals

Students completing the General Education program at Lyndon will demonstrate

- An enhanced ability to engage in the foundational skills of critical thinking, reading, and writing, communication, and quantitative reasoning.
- Knowledge and skills that will prepare students for work and citizenship in a rapidly changing global society.

Program Learning Outcomes

- Students will demonstrate an awareness of fundamental factors influencing human individual and social behaviors.
- Students will practice critical interpretation and analysis of past and present human written expression.

- Students will demonstrate aesthetic appreciation for, understanding of, and/or the creation or performance of original works of art.
- Students will demonstrate basic attitudes and skills that enable them to work productively, profitably, and with sensitivity across a wide range of cultural boundaries.
- Students will identify and analyze change across time, either within their own discipline or across broad human endeavors.
- Students will demonstrate a fundamental awareness of the complexities and interconnectedness of the economic and political realms in which citizens function at both the local and global level.
- Students will apply the concept of sustainability in critically examining social, ethical, environmental, and/or scientific issues related to the use of earth's natural resources.
- Students will practice scientific and empirical reasoning and relate scientific concepts, facts, and theories to problems of wide concern.

Program Assessment

The general education program is assessed systematically through procedures that align with individual graduation standards assessment at the College (see the section on Graduation Standards for more information) and ensure continuous program improvement. Foundational skills are assessed in lower-level courses using the College's graduation standards rubrics as well as a rubric for critical thinking; general education learning outcomes are assessed with rubrics developed for each of the outcome-defined categories of knowledge and skills defined by the program goals. Analysis of assessment data from rubrics creates an ongoing cycle of program and course refinement that will lead Lyndon students to success.

Program Guidelines

Students who transfer into Lyndon State College with 60 or more college credits may choose to waive the course INT 2040.

When a student is completing the General Education requirements:

- They may count no more than 2 courses in their home department in the 8 categories of the General Education.
- They may count no more than 2 courses in the same course designator in the 8 categories.

The list of courses in the eight categories may change each year, and the most recent list is the one to which students should adhere, regardless of their catalog year.

General Education Distribution (25 - 27 credits; one course from each outcome-based category):

Category: SELF AND SOCIAL INTERACTIONS (designated by LGSS1 in the course descriptions and course schedule)

BUS 2230 Principles of Marketing

BUS 3350 Innovation, Creativity, & Entrepreneurship

CRJ 1010 Introduction to Criminal Justice

CRJ 2050 Criminology

EJA 1010 Introduction to Media Communications

ENG 1280 Fundamentals of Public Speaking

ENG 2085 PR, Advertising & Marketing

ENG 3025 Media & Society
MRM 1080 Leadership and Small Group Dynamics
PHI 1050 Ethical Practice

PHI 1060 Logic & Creative Thinking
PSY 1010 Introduction to Psychology
PSY 1050 Human Growth & Development
PSY 2120 Human Sexuality
PSY 3210 Perspectives on Death and Dying
SOC 1010 Introduction to Sociology
SOC 2220 Family in Society

Category: THE HUMAN EXPERIENCE: WRITTEN LANGUAGE (designated by LGWL2 in the course descriptions and course schedule)

ENG 1310 Intro to Literature
ENG 2250 Critical Approaches
ENG 2290 Survey of British Literature & Culture
ENG 2325 Survey of American Literature & Culture

ENG 2535 Genre Survey

ENG 2545 Literature & Culture Survey

ENG 3385 Genre Seminar

ENG 3545 Literature & Culture Seminar
ENG 4750 Senior Seminar
FLM 4010 Theory of Cinema

PHI 2050 Nature, Science, & Technology
PHI 2090 Popular Culture and Philosophy
PHI 3065 Philosophy of Film & Television

PHI 3140 Art Theory & Criticism
THA 1040 Interpreting Contemporary Dramatic Literature
THA 2080 Theatre Arts in the Dramatic Format

Category: THE HUMAN EXPERIENCE: ART AND DESIGN (designated by LGAD3 in the course descriptions and course schedule)

ART 1011 Drawing I
ART 1015 Art Foundations
ART 1410 Digital Photography
ART 2030 Decorative Arts

ART 2055 Onsite Sketching
ART 2115 Digital Arts
ART 2121 Calligraphy
ART 2241 Painting I
ART 2251 Sculpture I
ART 2301 Photography I
ART 3060 Book Arts

ART 3210 Puppetry

CIN 1060 Cinema Production I

DES 2030 Fundamentals of Web Design

ENG 2130 Intro to Writing Poetry

ENG 2140 Intro to Writing Fiction

ENG 2155 Multimedia Storytelling

ENG 3010 Advanced Composition & Rhetoric

ENG 3110 Creative Writing Workshop

FLM 1055 Film Analysis and Appreciation

FLM 3010 Auteur Filmmakers Seminar

FLM 3320 Film & Culture Seminar

FLM 3610 Film Studies Seminar

MUS 1030 Music Fundamentals

MUS 1041 Class Piano I

MUS 1042 Class Piano II

MUS 1231 Music Theory I

MUS 2070 Basic Songwriting

MUS 2340 Class Instruction in Voice

MUS 2341 Class Guitar I

THA 1041 Introduction to Theatre

THA 2121 Acting I

THA 3211 Directing I

Category: CROSS CULTURAL AWARENESS (designated by LGCC4 in the course descriptions and course schedule)

ANT 1030 Introduction to Anthropology

ANT 3010 Native Societies of America

ANT 3030 Comparative Cultures

ANT 3060 Ethnocuisine

ANT 3310 Myth, Magic, and Religion

ENG 2390 World Literature

ENG 2540 Global English:Forms, Roles, and Issues

FRE 1111 French I

FRE 1112 Intermediate French

HIS 1020 Comparative Civilizations

HIS 2330 Traditional Asia

HIS 3530 Modern East and South-East Asia

HIS 3540 Modern South Asia

HIS 3550 The Islamic World

PSY 3090 Lifespan Across Cultures

MUS 2280 Drumming Across Cultures

MUS 3330 Worlds of Music

MUS 3350 Music of the Americas

RUS 1011 Russian I

RUS 1012 Russian II

RUS 2010 Mystery of Russian Soul & Culture

SSC 3820 Global Studies Fieldwork (*must take at least 3 credits)

SPA 1011 Spanish I
SPA 1012 Spanish II

Category: PERSPECTIVES ON THE PAST (designated by LGPP5 in the course descriptions and course schedule)

ARH 2011 Survey of Western Art I
ARH 2012 Survey of Western Art II

ARH 2070 History of Photography
EJA 2160 History of Journalism

FLM 2015 History of Cinema I

FLM 2025 History of Cinema II
HIS 1011 Western Civilization I
HIS 1211 American History I
HIS 1212 American History II
HIS 2240 Survey of Eurasia
HIS 3056 Race in America
HIS 3155 Sports in American History
HIS 3165 Vermont History

HIS 3280 History of American Recording Industry
HIS 3310 18th-19th centuries Europe
HIS 3330 Europe since 1914
HIS 3440 Modern Russia
MAT 3010 History of Mathematics
PSY 4120 History of Psychology
SCI 4010 History of Science

SCI 4110 History of Agriculture

Category: GOVERNMENT AND ECONOMICS (designated by LGGE6 in the course descriptions and course schedule)

ANT 3070 Ecotourism

BUS 2015 Fundamentals of Management in Business

BUS 2080 Organization Behavior and Communication
BUS 2140 Personal Finance
BUS 3240 International Business
CRJ 2010 Law Enforcement in America
CRJ 2020 American Judicial Process
CRJ 2510 Criminal Law
CRJ 3210 Punishment and Corrections
ECO 2060 Survey of Economics
MRM 1010 Leisure and Society
PHI 3010 Political Philosophy
POS 1010 Introduction to Political Science
POS 1020 American Politics and Government
POS 1030 Comparative Governments
POS 2040 International Relations
POS 3060 Vermont Politics

Category: NATURAL RESOURCES AND SUSTAINABILITY (designated by LGNR7 in the course descriptions and course schedule)

ATM 2210 Geophysical and Human Interactions
BIO 4320 Sustainable Food Systems I
CHE 2020 Introduction to Environmental Chemistry

CRJ 2220 Environmental Justice
GEO 1010 Introduction to Geography
ENV-1080 Introduction to Environmental Science
ENV 2040 Introduction to Environmental Restoration
ENV 2060 Energy, Environment, and Society
ENV 2090 Sustainable Living
MRM 2130 Wilderness Mind
SCI 1030 The Life, Earth, and Physical Sciences
SCI 1070 Food for Thought

Category: SCIENTIFIC AND EMPIRICAL REASONING (designated by LGSE8 in the course descriptions and course schedule)

ATM 1010 Elementary Meteorology
ATM 1030 Elementary Oceanography
ATM 1020 Elementary Climatology
BIO 1210 Introduction to Biology
BIO 1211 Introduction to Biology: Ecology and Evolution
BIO 1212 Introduction to Biology: Cells and Genetic Basis
BIO 2011 Human Anatomy and Physiology I
CHE 1023 Outline of General Chemistry
CHE 1031 General Chemistry I

GEY 1111 Geology I
GEY 2112 Introduction to Geology II
PHY 2010 Introduction to Electricity and Electronics
PHY 2031 Fundamentals of Physics I
PHY 2061 Classical Physics I
XSC 2050 Human Gross Anatomy

Other Program Areas

General Education Unit

Minimum 40 credits, required of all baccalaureate programs.

General Education Foundation (15 credits)

These requirements may also be satisfied by LSC placement exams, CLEP, Advanced Placement exams, suitable transfer credit, or departmental waivers. Departmental waivers given as a result of exam or for prior knowledge do not grant credit toward graduation.

- INT 2040 - Critical Thinking, Reading, and Writing Credits: 3
Advised Term 2nd Year

English (6 credits)

- ENG 1081 - Writing and Reading Strategies for College Credits: 3
Advised Term 1st Year
- ENG 1082 - Academic Inquiry Credits: 3
Advised Term 1st Year

Mathematics (At Least 6 Credits)

Choose courses from the following list totaling 6 credits. At least one of these courses must have an MAT designation, unless MAT-1020, Intermediate Algebra, is waived by placement test score. Students waiving MAT-1410 Precalculus by placement test score are exempted from the GEU Mathematics requirement altogether. Make your choice keeping in mind requirements for your major and prerequisites for classes you plan to take in the future.

- CIS 1090 - Problem Solving with Computers Credits: 3
Advised Term 1st/2nd year
- CIS 2060 - Programming with FORTRAN Credits: 3
Advised Term 1st/2nd year
- CIS 2271 - Java Programming Credits: 3
Advised Term 1st/2nd year
- MAT 1020 - Intermediate Algebra Credits: 3
Advised Term 1st/2nd year
- MAT 1060 - Problem Solving with Mathematics Credits: 3
Advised Term 1st/2nd year
- MAT 1221 - Finite Mathematics Credits: 3
Advised Term 1st/2nd year
- MAT 1410 - Pre-Calculus Credits: 5
Advised Term 1st/2nd year
- MAT 2010 - Number Systems Credits: 3
Advised Term 1st/2nd year
- MAT 2021 - Statistics Credits: 3
Advised Term 1st/2nd year

3 Credits for Mathematics May Be Chosen From

- CIS 1050 - Computer Operation Systems and Spreadsheets Credits: 1
Advised Term 1st/2nd year
- CIS 1060 - Introduction to Databases Credits: 1
Advised Term 1st/2nd year
- CIS 1065 - Introduction to Programming Logic Credits: 1
Advised Term 1st/2nd Year

General Education Distribution (25 - 27 credits)

One course from each outcome-based category:

Self and Social Interactions: One 3 credit course [LGSS1] Credits: 3

The Human Experience: Written Language: One 3 credit course [LGWL2] Credits: 3

The Human Experience: Arts and Design: One 3 credit course [LGAD3] Credits: 3

Cross Cultural Awareness: One 3 credit course [LGCC4] Credits: 3

Perspectives on the Past: One 3 credit course [LGPP5] Credits: 3

Government and Economics: One 3 credit course [LGGE6] Credits: 3

Natural Resources and Sustainability: One 3 - 4 credit course [LGNR7] Credits: 3 - 4

Scientific and Empirical Reasoning: One 3 - 4 credit course [LGSE8] Credits: 3 - 4

Note: the **General Education requirements for an Associate of Science and/or an Associate of Art degree** includes the General Education Foundation courses (less one Mathematics requirement and INT 2040), program specific courses, and one from each of the following four categories:

One course from either the Self and Social Interaction (LGSS1) or the Cross Cultural Awareness (LGCC4) General Education distribution categories

One from either the Human Experience: Written Language (LGWL2) or the Human Experience: Art and Design (LGAD3) General Education distribution categories

One from either the Perspectives on the Past (LGPP5) or the Government and Economics (LGGE6) General Education distribution categories

One from either the Natural Resources and Sustainability (LGNR7) or the Scientific and Empirical Reasoning (LGSE8) General Education distribution categories

Minimum Credits for the AA/AS GEU requirements: 34 Credits

Unrestricted Electives

Credits that are not required in major programs or the GEU.

Associate of Applied Science

Associate of Applied Science

Total required credits for program - 67

This program is unique because it was designed as a template in which to incorporate technical/professional training within the framework of an associate's degree. This program was created to expand Lyndon's ability "to prepare every student." Specifically, this associate's program responds to Lyndon's Strategic Plan to serve the workforce education needs of the NEK. This program also responds to the VSC strategic plan, specifically providing workforce education for our regional community and the state.

The degree is designed to meet the educational needs in multiple technical/professional fields, e.g., Computer Numerical Control (CNC) training, medical records, banking, etc. The degree requires 28 credits of General Education, electives, and a flexible number of professional credits (depending on the scope of the professional training required by the organization/technical area). In this degree, the college partners with different organizations, e.g., VTC, VMEC, North Country Career Center, St. Johnsbury

Academy, American Banking Association, etc. These organizations provide the technical/professional training, which is independently evaluated to ensure that college-level learning outcomes are met. Thus, the professional education/training components will not be delivered through standard coursework at Lyndon.

General Education: (28 credits)

These requirements may also be satisfied by LSC placement exams, CLEPS, Advanced Placements exams, suitable transfer credit, or departmental waivers. Departmental waivers given as a result of exam or for prior knowledge do not grant credit toward graduation.

English: (6 Credits)

Mathematics: (6 credits)

Choose courses from the following list totaling 6 credits. At least one of these courses must have a MAT designation, unless MAT 1020, Intermediate Algebra, is waived by placement test score. Students waiving Precalculus by placement test score are exempted from the GEU Mathematics requirement altogether. Make your choice keeping in mind requirements for your major and prerequisites for classes you plan to take in the future.

- MAT 1020 - Intermediate Algebra Credits: 3
Advised Term 1st/2nd Year
- MAT 1060 - Problem Solving with Mathematics Credits: 3
Advised Term 1st/2nd Year
- MAT 1221 - Finite Mathematics Credits: 3
Advised Term 1st/2nd Year
- MAT 1410 - Pre-Calculus Credits: 5
Advised Term 1st/2nd Year
- MAT 2010 - Number Systems Credits: 3
Advised Term 1st/2nd Year
- MAT 2021 - Statistics Credits: 3
Advised Term 1st/2nd Year
- CIS 1090 - Problem Solving with Computers Credits: 3
Advised Term 1st/2nd Year
- CIS 2060 - Programming with FORTRAN Credits: 3
Advised Term 1st/2nd Year
- CIS 2271 - Java Programming Credits: 3
Advised Term 1st/2nd Year
3 Credits for Mathematics May Be Chosen From:
- CIS 1050 - Computer Operation Systems and Spreadsheets Credits: 1
Advised Term 1st/2nd Year
- CIS 1060 - Introduction to Databases Credits: 1
Advised Term 1st/2nd Year
- CIS 1065 - Introduction to Programming Logic Credits: 1
Advised Term 1st/2nd Year

Social Science: (6 Credits)

- PSY 1010 - Introduction to Psychology Credits: 3
Advised Term 1st/2nd Year
- SOC 1010 - Introduction to Sociology Credits: 3
Advised Term 1st/2nd Year

Lab Science: (4 Credits)

Take 1 lab science (4 credits) from the General Education list of distribution courses in Natural Resources and Sustainability or Scientific and Empirical Reasoning.

Humanities: (3 Credits)

Take 3 credits from the General Education distribution list of courses in English, History, Humanities or Philosophy.

Arts: (3 Credits)

Take 3 credits from the General Education distribution list of courses in Art, Music, or Theater.

Professional Courses: (30 - 39 Credits)

Professional Studies Component - assessment by ETES - 21 to 30 credits.

- BUS 2015 - Fundamentals of Management in Business Credits: 3
Advised Term 1st/2nd Year
- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
Advised Term 1st/2nd Year

Guided Electives: (Up To 9 Credits)

Students must complete up to 9 credits of additional course work (e.g., Business, Mathematics/Computer Science, or advisor approved area of study).

Atmospheric Sciences

Janel Hanrahan, *Assistant Professor*

Dawn Kopacz, *Visiting Assistant Professor*

Jason Shafer, *Associate Professor*

Bachelor of Science in Atmospheric Sciences

- American Meteorological Society/Graduate School Concentration
- Broadcasting Concentration
- Climate Change Concentration

- National Weather Service/Military Concentration
- Private Industry Concentration

Certificate in Post-Baccalaureate Study

Minor: Atmospheric Sciences

Pre-Atmospheric Sciences Program

Mission Statement

The Lyndon State College Department of Atmospheric Sciences prepares students who are passionate about weather, climate, and the environment for professional careers. We offer a modern curriculum that combines hands-on learning with preparation in math and the physical sciences. We value a supportive, small-school environment where accessible professors challenge and help students in acquiring the skills and experience necessary for success in their chosen concentration(s).

Program Goals

The Atmospheric Sciences Department has the following program goals:

- to provide students with the necessary education and training to be successful and competitive in their chosen career concentration,
- to provide students with a broad-based understanding of atmospheric science fundamentals with a modern and rigorous curriculum,
- to provide students with several concentrations that allow them to develop specialized and diverse skills,
- to provide and encourage a range of experiential learning opportunities, including:
 - Data analysis in a laboratory setting
 - Internships
 - Field trips and participation in field programs
 - Research experiences
 - Preparing and communicating weather forecasts,
- to provide students with opportunities to develop leadership skills, and
- to expose students to the broader atmospheric sciences community at conferences and other off-campus activities

Program Description

Atmospheric Sciences at Lyndon State College has a long and proud history of excellence, with many successful alumni throughout the field. Our diverse and rigorous curriculum prepares students for a variety of career possibilities from broadcast meteorologists to research scientists. Students, faculty, and staff alike are passionate about weather and climate and trying to figure out how the atmosphere works so society can have better weather forecasts, or the environment can be improved. We do this in a supportive family-like, small-small setting that offers big-school opportunities.

Student Learning Outcomes

At the end of their B.S. Atmospheric Sciences (ATM) degree program, successful students will be able to demonstrate the ability to:

- apply fundamental mathematical and physical concepts to the analysis and understanding of atmospheric sciences related events,
- correctly analyze atmospheric sciences related data, and develop a scientifically based weather forecast,
- use computer skills to analyze, display, and manipulate atmospheric sciences related data, and
- effectively present atmospheric sciences related concepts to knowledgeable audiences.

Assessing Student Learning Outcomes

The department conducts activities within applicable courses for students to exhibit their ability to demonstrate proficiency within each learning outcome. The results are collated, analyzed, and discussed by the instructors to provide an enhanced level of understanding of student achievement on the learning outcomes. In turn, this leads the department to annual decisions regarding changes in pedagogy and content to be implemented for its continuous improvement.

Certificate of Post-Baccalaureate Study in Atmospheric Sciences

This certificate documents educational achievement in atmospheric sciences beyond that associated with a BS degree. This program is for those who wish to:

- gain an advantage in today's competitive job market
- bolster their preparation for admission to graduate school, or
- re-train for job placement or a career change

Bachelor of Science

Bachelor of Science in Atmospheric Sciences

Requirements include Mathematics and Science courses, the Atmospheric Science program required courses, and at least one of the career concentrations. Note: in order to complete the program in three years, students must be placed into MAT 2532 (Calculus II) and PHY 2061 (Physics I) during the *fall semester of the student's first year*.

Mathematics and Science: (22 Credits)

- MAT 1531 - Calculus I Credits: 4
Advised Term 1st Year
- MAT 2532 - Calculus II Credits: 4
Advised Term 2nd Year
- MAT 2543 - Calculus III Credits: 4
Advised Term 2nd Year
- MAT 2544 - Vector Calculus Credits: 1
Advised Term 2nd Year
- CIS 2101 - Introduction to Unix Credits: 1
Advised Term 2nd Year
- PHY 2061 - Classic Physics I Credits: 4
Advised Term 2nd Year
- PHY 2062 - Classic Physics II Credits: 4

Advised Term 2nd Year

Atmospheric Sciences Courses: (39 Credits)

Students must take the courses below plus choose at least one career concentration by the end of their sophomore year:

- ATM 1060 - New Student Seminar in Atmospheric Sciences Credits: 1
Advised Term 1st Year
- ATM 1211 - Survey of Meteorology I Credits: 2
Advised Term 1st Year
- ATM 1212 - Survey of Meteorology II Credits: 3
Advised Term 1st Year
- ATM 2020 - Atmospheric Thermodynamics Credits: 3
Advised Term 2nd Year
- ATM 2061 - Survey of Climate and Statistics I Credits: 2
Advised Term 2nd Year
- ATM 2062 - Survey of Climate and Statistics II Credits: 3
Advised Term 2nd Year
- ATM 3110 - Remote Sensing Credits: 3
Advised Term 3rd Year
- ATM 3140 - Physical Meteorology Credits: 3
Advised Term 3rd Year
- ATM 3321 - Atmospheric Dynamics I Credits: 3
Advised Term 3rd Year
- ATM 3322 - Atmospheric Dynamics II Credits: 3
Advised Term 3rd Year
- ATM 3331 - Analysis and Forecasting I Credits: 3
Advised Term 3rd Year
- ATM 3332 - Analysis and Forecasting II Credits: 3
Advised Term 3rd Year
- ATM 4120 - Mesoscale Meteorology Credits: 3
Advised Term 4th Year
- ATM 4712 - Thesis in Atmospheric Sciences I Credits: 2
Advised Term 4th Year
- ATM 4713 - Thesis in Atmospheric Sciences II Credits: 2
Advised Term 4th Year

Graduate School Concentration (12-14 Credits)

Minimum required credits for this concentration: 73

- CHE 1031 - General Chemistry I Credits: 4
- MAT 3310 - Introduction to Differential Equations Credits: 3

Take a minimum of 2 credits from:

- ATM 4140 - Climate Change Dynamics Credits: 3
- CIS 2032 - C++ Programming Credits: 3
- CIS 2060 - Programming with FORTRAN Credits: 3

- CIS 2279 - Introduction to Perl Programming Credits: 1
- CIS 2290 - Introduction to Python Credits: 1

Take one of the following:

- ATM 4110 - Numerical Weather Prediction Credits: 3
- MAT 3730 - Topics in Differential Equations Credits: 3
- PHY 2063 - Classic Physics III Credits: 4

National Weather Service/Military Concentration (15 Credits)

Minimum required credits for this concentration: 76

- ATM 3050 - GIS Applications in Atmospheric Sciences Credits: 3
- ATM 4030 - Physical Climatology Credits: 3
- ATM 4040 - Physical Hydrology Credits: 3
- MAT 3310 - Introduction to Differential Equations Credits: 3

Take one computer science course - choose from:

- CIS 2032 - C++ Programming Credits: 3
- CIS 2060 - Programming with FORTRAN Credits: 3
- CIS 2141 - Programming Internet and Web Applications Part I Credits: 3
- CIS 2271 - Java Programming Credits: 3

Broadcasting Concentration (14 Credits)

Minimum required credits for this concentration: 75

- EJA 1020 - Communications Technology Credits: 3
- EJA 1221 - Person to Person Credits: 3
- EJA 2843 - Practical Presentation I Credits: 3
- EJA 3222 - Practical Presentation II Credits: 3
- ATM 3270 - Television Weather Graphics Credits: 1
- ATM 4010 - Television Weathercasting Credits: 1

Private Industry Concentration (14-16 Credits)

Minimum required credits for this concentration: 75

Take one business course - choose from:

- BUS 2015 - Fundamentals of Management in Business Credits: 3
- BUS 2230 - Principles of Marketing Credits: 3
- BUS 2450 - Business Law Credits: 4
- ECO 2060 - Survey of Economics Credits: 4

Take a minimum of 2 credits from:

- ATM 4140 - Climate Change Dynamics Credits: 3
- CIS 2060 - Programming with FORTRAN Credits: 3
- CIS 2141 - Programming Internet and Web Applications Part I Credits: 3
- CIS 2279 - Introduction to Perl Programming Credits: 1
- CIS 2290 - Introduction to Python Credits: 1

Take one communications course - choose from:

- EJA 1010 - Introduction to Media Communication Credits: 3
- EJA 1221 - Person to Person Credits: 3
- ENG 1280 - Fundamentals of Public Speaking Credits: 3
- ENG 3010 - Advanced Composition and Rhetoric Credits: 3
- MRM 1080 - Leadership and Small Group Dynamics Credits: 3

Take 1 GIS course:

- ATM 3050 - GIS Applications in Atmospheric Sciences Credits: 3

Take one ATM elective - choose from:

- ATM 2210 - Geophysical and Human Interactions Credits: 3
- ATM 3170 - Weather Risk Assessment Credits: 3
- ATM 3310 - Forecasting Applications Credits: 3
- ATM 4030 - Physical Climatology Credits: 3
- ATM 4040 - Physical Hydrology Credits: 3
- ATM 4110 - Numerical Weather Prediction Credits: 3
- ATM 4710 - Topics in Atmospheric Sciences Credits: 0.5-4

Climate Change (15 Credits)

Minimum required credits for this concentration: 76

- ATM 2210 - Geophysical and Human Interactions Credits: 3
- ATM 3050 - GIS Applications in Atmospheric Sciences Credits: 3
- ATM 4030 - Physical Climatology Credits: 3
- ATM 4110 - Numerical Weather Prediction Credits: 3
- ATM 4140 - Climate Change Dynamics Credits: 3

Minor

Atmospheric Sciences Minor

Minimum required credits for the minor: 18

Requirements for the Minor in Atmospheric Sciences

- ATM 1211 - Survey of Meteorology I Credits: 2
- ATM 1212 - Survey of Meteorology II Credits: 3
- ATM 2061 - Survey of Climate and Statistics I Credits: 2
- CIS 2101 - Introduction to Unix Credits: 1
- MAT 1531 - Calculus I Credits: 4

Electives: (6 Credits)

6 credits chosen from among the ATM, CIS, ENV, MAT, or PHY 2000 or higher courses.

Note: ATM 4710 requires department permission; ATM 4820 and ATM 4900 are not included.

Other Program Areas

Pre-Atmospheric Sciences Program

Preparation for the Atmospheric Sciences Program

Motivated students whose science or math background needs to be improved for a successful college experience in atmospheric sciences are enrolled in this preparatory group of courses. Students typically include one or more mathematics courses to prepare for college pre-calculus (the starting mathematics course in atmospheric sciences degree programs) and a physics course to prepare for college calculus-based physics (the starting physics course in atmospheric sciences degree programs). Students beginning their study of atmospheric sciences with these preparatory courses will require at least five years for a B.S. degree in atmospheric sciences.

- ENG (as per placement test) Credits: 3

- ATM 1040 - Field Experience Credits: .5 to 3
Advised Term - 1st Semester (2 credits)
- ATM 1050 - Problem Solving in Atmospheric Sciences Credits: 3
Advised Term - 2nd Semester
- INT 1020 - Entering an Academic Community Credits: 3
Advised Term - 1st Semester
- MAT 1020 - Intermediate Algebra Credits: 3
Advised Term - 1st Semester
- MAT 1410 - Pre-Calculus Credits: 5
Advised Term - 2nd Semester
- PHY 2031 - Fundamental Physics I Credits: 4
Advised Term - 2nd Semester

Business Administration

Mark Hilton, *Professor*

Stephanie Giese, *Visiting Assistant Professor*

William Morison, *Assistant Professor*

Bachelor of Science in Accounting

Bachelor of Science in Business Administration

Bachelor of Science in Sport Management

Associate of Science in Business Administration

Minors: Business, Marketing

Mission Statement

The Lyndon State College Department of Business Administration prepares our students for personal and professional success through experiential learning and team collaboration. Our programs are designed to provide students with the requisite knowledge, skills, and abilities to pursue a successful career in any of the fields they choose. In order to achieve this central objective, we continually evaluate our programs, courses, and learning assessment methods in order to support student engagement, learning, and development.

Program Goals

The business departments approach includes on-line and in-class learning through engaged student class room discussion.

- achieve coherence and articulation in written, oral, and graphic communication
- establish an understanding and appreciation of the interrelationships of interpersonal behavior within organizations
- demonstrate technology proficiency
- achieve fluency with principles of finance, marketing, and management theory
- obtain an understanding of laws affecting business operations
- achieve currency with the principles of economics and the operating of global economies
- understand the operation of the information systems by which managers manage and the significance of the information generated from these systems
- research and explore the range of business literature to develop a more sophisticated level of analysis and research activities

Program Description

Our bachelor in business administration and accounting programs all include required "hands-on" experiential team learning, a business internship, and a senior business "client-based" practicum. We emphasize the building of a professional resume early in the program and offer additional local opportunities to work directly with clients to solve business problems with faculty oversight.

Student Learning Outcomes

Students graduating with a Bachelor of Science in Accounting will be able to demonstrate:

- Students learn the proper recording of financial transactions as required by GAAP and IFRS.
- Students utilize accounting information for analysis and management decision making.
- Students acquire the necessary knowledge to sit for the Uniform CPA Exam.

Students graduating with an Associate of Science in Business Administration will be able to demonstrate:

- Competency in creating professional-level written, oral, and graphic presentations.
- Competency in the basic areas of business administration

Students graduating with a Bachelor of Science in Business Administration will be able to demonstrate:

- Competency in creating professional-level written, oral, and graphic presentations.
- The ability to comprehend and analyze business performance using financial statements and reports.
- Competency in the basic areas of business administration.
- The ability to define a business problem and develop options to solve the problem.

Program Assessment

In order to assess our success in achieving the broad goals of our program enunciated above, we ask our students to produce evidence of this mastery with papers, speeches, group presentations, appropriate output from computers, engaged discussion in classes, and by examination. Further evidence is provided by our local business clients who review and assess student performance during internships, and senior practicum.

Associate of Science

Associate of Science in Business Administration

Minimum required credits for the program: 33

Students pursuing the A.S. in Business Administration are required to complete MAT-2021, Statistics, as a part of their General Education Mathematics requirement.

Core: (27 Credits)

- BUS 1090 - Business Math Credits: 3
Advised Term 1st Year
- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
Advised Term 1st Year
- BUS 2015 - Fundamentals of Management in Business Credits: 3
Advised Term 1st/2nd Year
- BUS 2080 - Organizational Behavior and Communications in Business Credits: 3
Advised Term 1st/2nd Year
- ACC 2121 - Financial Accounting Credits: 4
Advised Term 1st/2nd Year
- ECO 2060 - Survey of Economics Credits: 4
Advised Term 2nd Year
- ACC 2122 - Managerial Accounting Credits: 4

Advised Term 2nd Year

- BUS 2230 - Principles of Marketing Credits: 3
Advised Term 2nd Year

Elective Credits: (6 Credits)

Choose six credits of electives from the following list:

- BUS 2140 - Personal Finance Credits: 3
- BUS 3160 - Sales Management and Selling Credits: 3
- BUS 3230 - Financial Management Credits: 3
- BUS 3260 - Investment and Portfolio Management Credits: 3
- BUS 3350 - Innovation, Creativity, and Entrepreneurship Credits: 3
- BUS 4030 - Marketing Research Credits: 3
- BUS 4190 - Leadership in Business Credits: 3
- ACC 2230 - Federal Taxes Credits: 3
- ACC 3050 - Computerized Accounting Credits: 3

Bachelor of Science

Bachelor of Science in Accounting

Minimum required credits for the program: 76

Requirements for the program

- BUS 1090 - Business Math Credits: 3
Advised Term 1st Year
- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
Advised Term 1st Year
- BUS 2015 - Fundamentals of Management in Business Credits: 3
Advised Term 1st/2nd Year
- ACC 2121 - Financial Accounting Credits: 4
Advised Term 1st Year
- BUS 2080 - Organizational Behavior and Communications in Business Credits: 3
Advised Term 1st/2nd Year
- BUS 2450 - Business Law Credits: 4
Advised Term 1st Year
- ECO 2060 - Survey of Economics Credits: 4
Advised Term 1st/2nd Year
- ACC 2122 - Managerial Accounting Credits: 4
Advised Term 2nd Year
- BUS 2230 - Principles of Marketing Credits: 3
Advised Term 2nd Year
- ACC 2210 - Cost Accounting Credits: 4
Advised Term 2nd/3rd Year
- ACC 2201 - Intermediate Accounting I Credits: 4
Advised Term 2nd/3rd Year

- ACC 2202 - Intermediate Accounting II Credits: 4
Advised Term 2nd/3rd Year
- MAT 2021 - Statistics Credits: 3
Advised Term 2nd Year
- BUS 3150 - Production/Operations Management Credits: 3
Advised Term 3rd Year
- BUS 3230 - Financial Management Credits: 3
Advised Term 3rd Year
- BUS 3240 - Global Business Credits: 3
Advised Term 3rd Year
- ACC 2230 - Federal Taxes Credits: 3
Advised Term 3rd/4th Year
- ACC 4050 - Auditing and Assurance Services Credits: 3
Advised Term 3rd/4th Year
- ACC 3115 - Advanced Accounting Credits: 3
Advised Term 3rd/4th Year
- BUS 3810 - Business Internship Credits: 3
Advised Term 4th Year
- ACC 4060 - Forensic Accounting Credits: 3
Advised Term 4th Year
- BUS 4830 - Senior Practicum Credits: 3
Advised Term 4th Year
- BUS 4060 - Strategic Management Credits: 3
Advised Term 4th Year

Bachelor of Science in Business Administration

Minimum required credits for the program: 58

Requirements for the program

Business Administration Core: (52 Credits)

- BUS 1090 - Business Math Credits: 3
Advised Term 1st Year
- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
Advised Term 1st Year
- BUS 2015 - Fundamentals of Management in Business Credits: 3
Advised Term 1st/2nd Year
- ACC 2121 - Financial Accounting Credits: 4
Advised Term 1st/2nd Year
- BUS 2080 - Organizational Behavior and Communications in Business Credits: 3
Advised Term 2nd Year
- BUS 2450 - Business Law Credits: 4
Advised Term 1st Year
- ECO 2060 - Survey of Economics Credits: 4
Advised Term 2nd Year
- ACC 2122 - Managerial Accounting Credits: 4
Advised Term 2nd Year

- BUS 2230 - Principles of Marketing Credits: 3
Advised Term 2nd Year
- MAT 2021 - Statistics Credits: 3
Advised Term 2nd Year
- BUS 3150 - Production/Operations Management Credits: 3
Advised Term 3rd Year
- BUS 3230 - Financial Management Credits: 3
Advised Term 3rd Year
- BUS 3240 - Global Business Credits: 3
Advised Term 3rd Year
- BUS 3810 - Business Internship Credits: 3
Advised Term 4th Year
- BUS 4830 - Senior Practicum Credits: 3
Advised Term 4th Year
- BUS 4060 - Strategic Management Credits: 3
Advised Term 4th Year

Elective Credits: (6 credits)

Advised Term - Third and Fourth Year

Choose six credits of electives from the following list:

- BUS 2140 - Personal Finance Credits: 3
- BUS 3160 - Sales Management and Selling Credits: 3
- BUS 3260 - Investment and Portfolio Management Credits: 3
- BUS 3272 - Social-Media Marketing Credits: 3
- BUS 3350 - Innovation, Creativity, and Entrepreneurship Credits: 3
- BUS 4030 - Marketing Research Credits: 3
- BUS 4190 - Leadership in Business Credits: 3
- ACC 2230 - Federal Taxes Credits: 3
- ACC 3050 - Computerized Accounting Credits: 3

Bachelor of Science in Sport Management

Minimum required credits for program: 45

Requirements for the program

- SPL 1010 - Introduction to Sport Management Credits: 3
- SPL 2010 - Sport Marketing and Promotions Credits: 3
- SPL 2030 - Athletic Administration Credits: 3
- SPL 2040 - Sports Information and Media Credits: 3
- SPL 2050 - Sport Business Credits: 3
- SPL 2060 - Sport Leadership and Governance Credits: 3
- SPL 3030 - Facility Design and Event Management Credits: 3
- SPL 3040 - Sport Resource Management Credits: 3
- XSC 3130 - Coaching Principles Credits: 3

- HIS 3155 - Sports in American History Credits: 3
- SPL 4020 - Sport Law Credits: 3
- SPL 4720 - Senior Seminar in Sport Management Credits: 3
- SPL 4810 - Internship in Sport Management Credits: 1-15
Students must take at least 9 credits of SPL 4810 for the program.

Minor

Business Minor

Minimum required credits for the minor: 19

Requirements for the minor

- ACC 2121 - Financial Accounting Credits: 4
- BUS 1090 - Business Math Credits: 3
- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
- BUS 2015 - Fundamentals of Management in Business Credits: 3
- BUS 2230 - Principles of Marketing Credits: 3
- BUS 4190 - Leadership in Business Credits: 3

Marketing Minor

Minimum required credits for the minor: 21

Requirements for the minor

- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
- BUS 2015 - Fundamentals of Management in Business Credits: 3
- BUS 2230 - Principles of Marketing Credits: 3
- BUS 3272 - Social-Media Marketing Credits: 3
- BUS 3160 - Sales Management and Selling Credits: 3
- BUS 4030 - Marketing Research Credits: 3
- MAT 2021 - Statistics Credits: 3

Sport Management Minor

18 Credits

Requirements for the minor

- SPL 1010 - Introduction to Sport Management Credits: 3
- SPL 2010 - Sport Marketing and Promotions Credits: 3
- SPL 2040 - Sports Information and Media Credits: 3

- SPL 2050 - Sport Business Credits: 3
- SPL 2060 - Sport Leadership and Governance Credits: 3
- SPL 4020 - Sport Law Credits: 3

Criminal Justice, History, & Global Studies

Janet Bennion, *Professor*

Paul Searls, *Associate Professor*

Alexandre Strokanov, *Professor*

Brandon Stroup, *Assistant Professor*

Bachelor of Science in Criminal Justice

Bachelor of Arts in Social Science

-Social Science Concentration

-Global Studies Concentration

-History Concentration

-Anthropology/Sociology Concentration

Licensure in Secondary Social Studies Education (see: Secondary Education)

Minors: Anthropology/Sociology, Criminal Justice, History, Pre-Law, Race and Gender, Russian and Eurasian Studies

Bachelor of Science in Criminal Justice Program

Mission Statement

The Criminal Justice degree empowers its students to be successful in their career endeavors by providing students with both a quality behavioral science foundation—focusing on the social, cultural, psychological, political, and historical factors relating to crime—and practical training in a variety of criminal justice fields, such as law enforcement, the courts, corrections, and law. This program is designed to prepare students to be excellent employees for criminal justice regional and federal agencies, as well as promising applicants for graduate school.

Program Goals

Students majoring in Criminal Justice will

- study the culture of deviance, law and factors that can lead to criminality
- study issues regarding the fairness of the justice system
- understand misconceptions about crime and the criminal justice system itself
- learn the importance of research and apply social theory to real-life issues of deviance and criminality

- gain a broad understanding of human behavior and diversity and gain important skills, such as critical thinking, theory-building, communication, and problem solving
- work in local, county, state, and federal government agencies, as well as in the private sector, in law enforcement, behavioral analysis, human services, courts, institutional and community-based corrections, victims' services, the juvenile justice system, research, teaching, law, forensics, and a variety of other fields.

Program Description

The Criminal Justice major is comprised of 49 credits including a foundational core of sociology, psychology, and criminal justice and an advanced core of law enforcement, judicial process, criminology, law, punishment and corrections, ethics, theory, internship, and research design. Once accepted to this program, students will be assigned an advisor who will guide them in registering and selecting appropriate internships for their skills and interests. Students will also complete a senior thesis project and engage in community service learning.

Student Learning Outcomes

- Demonstrate an understanding of--and encourage a deep critical engagement with--behavioral science theory, ethics, case law, law enforcement, the criminal court system, and corrections, and criminology. Students are required to write a two-to-three page essay, concerning the theoretical explanation of a particular crime or deviance phenomenon. The essay will be evaluated in conjunction with the Graduate Standards Exam for Writing.
- Utilize basic social science and professional research methods associated with criminal justice, including design, data analysis, and interpretation of different official crime indexes. Students are required to write a 25-35 page research paper involving the fields of Criminal Justice and Social Science inquiry. This thesis will be commenced in SSC3020 Research Design and Analysis, theoretically enhanced during SSC4740 Social Science Seminar, and completed in SSC4720 Senior Thesis.
- Demonstrate an awareness of the myriad of factors and diversity of populations contributing to crime, its prevention, and its intervention and engage in community service in the pursuit of the greater common good. Students will be required to document some form of collaborative service work as a constructive member of a team designed to improve the lives of people in local, regional, federal, or international settings. Students will write up a brief (1 page) description of purpose, methods, and outcome of service efforts.
- Experience fieldwork related to their pursuit of careers and undergraduate study in the field of criminal justice. Students are required to complete an internship project in any one of the many criminal justice fields—border patrol, law enforcement, forensics, game warden assistantship, corrections officer assistant, and so on.
- Demonstrate effective oral and written communication skills within a liberal arts foundation to better prepare them for any career in the criminal justice system or graduate school. Students will present a 10-minute oral defense of their senior thesis research project at the end of their senior year. The student's department faculty mentor will assign the score rating of the oral performance. A second department faculty will fill out a second rubric to provide a second opinion for the protection of the student, in conjunction with the requirements embodied in the LSC Graduate Standards Exam for Oral Presentation.

Assessing Student Learning Outcomes

Criminal Justice majors can fulfill the Graduate Standard for Writing with the two-to-three page essay concerning the theoretical explanation of a particular crime or deviance phenomenon required for graduation. Students will write a 25-35 page research paper/thesis addressing the fields of Criminal Justice and Social Science inquiry. Students must also to document collaborative service work as a constructive member of a team designed to improve the lives of people in local, regional, federal, or international settings. An internship project in any one of the many criminal justice fields—border patrol, law enforcement, forensics, game warden assistantship, corrections officer assistant—is required of Criminal Justice majors.

Finally, a 10-minute oral defense of the senior thesis research project is required at the end of their senior year. The student's department faculty mentor will assign the score rating of the oral performance. A second department faculty provide a second opinion for the protection of the student, in conjunction with the requirements embodied in the LSC Graduate Standards Exam for Oral Presentation.

Bachelor of Arts in Social Science Program

- Anthropology/Sociology Concentration
- History Concentration
- Global Studies Concentration
- Social Science Concentration

Licensure in Secondary Social Studies Education (See: Secondary Education)

Mission Statement

The Social Science program is designed to give students an interdisciplinary understanding of human nature. It seeks to educate students about their society and the world and to encourage them to think critically about the human condition. The department offers courses in anthropology, geography, history, criminal justice, political science, sociology, as well as foreign languages (Russian, Spanish). It supports the college's mission of equipping students to respond to the challenges of an evolving society and to advance the quality of life in a diverse global community. The department contributes to both the social science and humanities divisions of the college's general education program and focuses on experiential learning.

The department offers a Bachelor of Arts degree in Social Science—with concentrations in anthropology/sociology, history, and global studies—and a Bachelor of Science degree in Criminal Justice. Students may also elect a Social Science concentration within the Liberal Studies major. The department prepares students enrolled in the elementary and secondary education programs with knowledge, skills, and values they will need to teach social studies. It also prepares students to pursue graduate studies and employment in the field of their choice.

Program Goals

Students will be well prepared for post-graduation employment through the study and application of the theories and practices of the disciplines of the social sciences. Students may choose an emphasis with the social sciences that matches their career goals. Students will gain a broad understanding of human behavior and diversity and gain such important skills as critical thinking, theory building, communication and problem solving. Our students will apply their education to work in a wide range of employment, including the law, state and federal government agencies, media, public relations, politics and lobbying agencies, museums, archives and other public and private historical and anthropological institutions. Students will gain experiential learning through a variety of field trips, internships, and travel opportunities around the world.

Program Description

The Social Science major is comprised of a minimum of 45 to 46 credits. The foundational core gives students a broad education in the disciplines of anthropology, sociology, history, political science, geography and economics. The department offers concentrations in the major in history, anthropology/sociology, and global studies.

Once accepted to the program, students will be assigned an advisor who will work closely with them in registering, and in selecting appropriate internships or international experience and studies abroad for their skills and interests. Students will complete a senior thesis research project, and defend the thesis in an oral presentation.

Students Learning Outcomes

Graduates of the majors of Social Science will be able to:

- utilize disciplinary concepts, knowledge, and tools of the social sciences to analyze social phenomena of the past or present that reflect an understanding of the factors that influence human social behavior
- conduct an original research based on history and social science research methodologies, and write a senior thesis that conforms to the standards of the discipline(s)
- present research findings clearly and accurately in the form of an oral presentation with use of appropriate visualization of presented material;
- acquire skills and behaviors necessary for obtaining employment and succeeding in the professional world (internships, community involvement projects, etc.);
- demonstrate a critical understanding of cultural phenomena.

Students will also do one of the following: travel outside the U.S.; learn a foreign language (minimum two semesters); write an essay focusing on the role of social factors such as race, gender, ethnicity, religion, history and the global economy in shaping cultural reality in the world today.

Assessing Student Learning Outcomes

The Social Science Department assesses its program goals in a variety of ways, including evaluation of student work in all courses, a senior thesis or a capstone, an oral presentation of the senior thesis, and a senior survey. Each department major must complete a portfolio containing a number of components, each of which are individually assessed. The department evaluates course syllabi to ensure that learning outcomes are clearly reflected in the department's courses and that students are exposed to experiences that advance the program's goals as they progress through it.

Bachelor of Arts

Bachelor of Arts in Social Science

Minimum required credits for the program: 40-41

Requirements for the program (foundations and a concentration)

Foundations of Social Science: (22-23 Credits)

* For Licensure in Social Studies Secondary Education, complete the Social Science program, taking the asterisked courses plus two courses at the 3000 or 4000 level in American History or American Government for upper level courses.

Required:

- SSC 1040 - Introduction to the Social Sciences Credits: 1
- SSC 4720 - Senior Thesis/Capstone Credits: 3

Choose six (6) courses from the following:

- ANT 1030 - Introduction to Anthropology Credits: 3
Advised Term 1st/2nd Year
- ECO 2060 - Survey of Economics Credits: 4
Advised Term 1st/2nd Year
- GEO 1010 - Introduction to Geography Credits: 3
(see note above *) Advised Term 1st/2nd Year
- HIS 1011 - Western Civilization I Credits: 3
(see note above *) Advised Term 1st/2nd Year
- HIS 1020 - Comparative Civilization Credits: 3
Advised Term 1st/2nd Year

- HIS 1211 - American History I Credits: 3
(see note above *) Advised Term 1st/2nd Year
- HIS 1212 - American History II Credits: 3
(see note above *) Advised Term 1st/2nd Year
- POS 1010 - Introduction to Political Science Credits: 3
(see note above *) Advised Term 1st/2nd Year
- POS 1030 - Comparative Government Credits: 3
Advised Term 1st/2nd Year
- SOC 1010 - Introduction to Sociology Credits: 3
Advised Term 1st/2nd Year

Concentration in Social Science (18 credits)

Six additional courses from the department. At least four courses at the 3000-4000 level. No more than six credits of the fieldwork courses (ANT 3820, SSC 2020 and SSC 3820) may be counted toward the degree.

Advised Term 3rd/4th Year

Concentration in Global Studies (18 credits)

At least 18 credits of the following, at least nine credits at the 3000/4000 level. No more than six credits of fieldwork courses (ANT-3820, SSC 2020 and SSC-3820) may be counted toward the degree.

- ANT 3010 - Native Societies of America Credits: 3
- ANT 3030 - Comparative Cultures Credits: 3
- ANT 3050 - Culture, Ecology, and Health Credits: 3
- ANT 3060 - Ethnocuisine Credits: 3
- ANT 3310 - Myth, Magic & Religion Credits: 3
- ANT 3820 - Anthropology Fieldwork Credits: 1 to 6
- BUS 3240 - Global Business Credits: 3
- ENG 2390 - Survey of World Literature: Explorations Credits: 3
- HIS 2240 - Survey of Eurasia Credits: 3
- RUS 2010 - Mystery of Russian Soul and Culture Credits: 3
- HIS 3056 - Race in America Credits: 3
- HIS 3445 - History of Soviet/Russian Cinema and TV Credits: 3
- HIS 3310 - 18th and 19th Centuries Europe Credits: 3
- HIS 3330 - Europe since 1914 Credits: 3
- HIS 3440 - Modern Russia Credits: 3
- HIS 3530 - Modern East and Southeast Asia Credits: 3
- HIS 3540 - Modern South Asia Credits: 3
- HIS 3550 - The Islamic World Credits: 3
- POS 2040 - International Relations Credits: 3
- POS 3430 - Government and Politics in Russia and Post-Soviet States Credits: 3
- PSY 3090 - Lifespan Across Cultures Credits: 3
- SOC 3050 - Gender and Society Credits: 3
- SSC 2020 - Experience the World Credits: 1
- SSC 3820 - Global Studies Fieldwork Credits: 1 to 6

Concentration in History (18 credits)

At least 18 credits of the following, at least 12 credits at the 3000/4000 level

- HIS 2240 - Survey of Eurasia Credits: 3
- RUS 2010 - Mystery of Russian Soul and Culture Credits: 3
- HIS 2710 - Topics in History Credits: 1 to 3
- HIS 2910 - Independent Study in History Credits: 1 to 3
- HIS 3056 - Race in America Credits: 3
- HIS 3155 - Sports in American History Credits: 3
- HIS 3165 - Vermont History Credits: 3
- HIS 3445 - History of Soviet/Russian Cinema and TV Credits: 3
- HIS 3310 - 18th and 19th Centuries Europe Credits: 3
- HIS 3330 - Europe since 1914 Credits: 3
- HIS 3440 - Modern Russia Credits: 3
- HIS 3530 - Modern East and Southeast Asia Credits: 3
- HIS 3540 - Modern South Asia Credits: 3
- HIS 3550 - The Islamic World Credits: 3
- HIS 4710 - Topics in History Credits: 1 to 3
- HIS 4810 - Internship in History Credits: 1 to 6
- HIS 4910 - Independent Study in History Credits: 1 to 3

Concentration in Anthropology/Sociology

Minimum required credits in the concentration: 18

At least 12 credits must be earned at the 3000-4000 level.

Select 15 credits from the following:

- ANT 3010 - Native Societies of America Credits: 3
 - ANT 3030 - Comparative Cultures Credits: 3
 - ANT 3050 - Culture, Ecology, and Health Credits: 3
 - ANT 3060 - Ethnocuisine Credits: 3
 - ANT 3070 - Ecotourism Credits: 3
 - ANT 3310 - Myth, Magic & Religion Credits: 3
 - ANT 3820 - Anthropology Fieldwork Credits: 1 to 6
 - ANT 4710 - Topics in Anthropology Credits: 1 to 3
 - SOC 2220 - The Family in Society Credits: 3
 - SOC 2710 - Topics in Sociology Credits: 1 to 3
 - SOC 3050 - Gender and Society Credits: 3
 - SOC 4810 - Internship in Sociology Credits: 1 to 6
- Select one (1) course from the following:
- PSY 3090 - Lifespan Across Cultures Credits: 3
 - BUS 3240 - Global Business Credits: 3
 - CRJ 2050 - Criminology Credits: 3
 - CRJ 3220 - International Criminal Justice Credits: 3
 - HIS 3550 - The Islamic World Credits: 3
 - HIS 3440 - Modern Russia Credits: 3

- HIS 3530 - Modern East and Southeast Asia Credits: 3
- HIS 2240 - Survey of Eurasia Credits: 3

Academic and Fieldwork Opportunities

Social Science majors may elect to make independent arrangements to study abroad with faculty approval. Internships undertaken through Cooperative Education enable students to gain firsthand experience in areas related to their major and interests. Students have acted as legislative aides in government, worked in museums, law offices, correctional facilities, and have been involved with social-service delivery programs and with municipal government research projects.

In addition, the department offers a number of opportunities for students to experience the culture of a foreign country by traveling to that country and visiting historic and cultural sites, cultural events, and interacting with the people and culture. The department also offers ANT 3820 Anthropology Fieldwork and SSC 3820 Global Studies Fieldwork. Only two fieldwork/trip courses will count towards the advanced area studies credits in either major.

Bachelor of Science

Bachelor of Science in Criminal Justice

Minimum required credits for the program: 54

Core (30 Credits)

- CRJ 1010 - Introduction to Criminal Justice Credits: 3
- SOC 1010 - Introduction to Sociology Credits: 3
- PSY 1010 - Introduction to Psychology Credits: 3
- CRJ 2050 - Criminology Credits: 3
- CRJ 2170 - Ethics and Professionalism in Criminal Justice Credits: 3
- CRJ 2510 - Criminal Law Credits: 3
or **POS 3170 - U.S. Constitutional Law** Credits: 3
- SSC 3020 - Research Design and Analysis Credits: 3
- SSC 4720 - Senior Thesis/Capstone Credits: 3
- CRJ 4810 - Criminal Justice Internship Credits: 3-6

Select nine credits from both the System Electives and Issues in Criminal Justice Electives, and six credits from the Professional Development in Criminal Justice Electives.

Total 24 credits.

System Electives - 9 Credits

At least nine (9) credits of the following, at least six (6) credits must be earned at the 3000-4000 level.

- CRJ 2010 - Law Enforcement in America Credits: 3

- CRJ 2020 - American Judicial Process Credits: 3
- CRJ 2150 - Community and Restorative Justice Credits: 3
- CRJ 2160 - Juvenile Justice Credits: 3
- CRJ 3165 - Delinquency and Crime Prevention Credits: 3
- CRJ 3220 - International Criminal Justice Credits: 3
- CRJ 3210 - Punishment and Corrections Credits: 3
- POS 1020 - American Politics and Government Credits: 3

Issues in Criminal Justice Electives - 9 Credits

At least nine (9) credits of the following, at least six (6) credits must be earned at the 3000-4000 level. At least three (3) credits must be from a CRJ course.

- CRJ 2220 - Environmental Justice Credits: 3
- CRJ 3070 - Media and Crime Credits: 3
- CRJ 3120 - White-Collar Crime Credits: 3
- CRJ 3250 - Terrorism Credits: 3
- CRJ 4710 - Special Topics in Criminal Justice Credits: 3
- HIS 3056 - Race in America Credits: 3
or **PSY 4180 Exploring Race & Challenging Racism in the US** Credits: 3
- PSY 1130 - Introduction to Substance Abuse Credits: 3
- PSY 3070 - Abnormal Psychology Credits: 3

Professional Development in Criminal Justice Electives - 6 Credits

Choose six (6) credits:

- CIS 3110 - Networking Credits: 3
- CIS 3240 - Computer Security Credits: 3
- CRJ 3145 - Criminal Justice Administration Credits: 3
- CRJ 3155 - Investigation Sciences Credits: 3
- CRJ 3165 - Delinquency and Crime Prevention Credits: 3
- PSY 4170 - Developmental Psychopathology Credits: 3

Minor

Anthropology/Sociology Minor

Minimum required for the minor: 18

Requirements for the minor

- ANT 1030 - Introduction to Anthropology Credits: 3
- SOC 1010 - Introduction to Sociology Credits: 3

Additional Credits: (12 Credits)

Twelve additional credits in Anthropology or Sociology (including PSY-3090 - Lifespan Across Cultures), at least nine credits at the 3000-4000 level.

Criminal Justice Minor

Minimum required credits for the minor: 18

Requirements for the minor

6 Credits

- CRJ 1010 - Introduction to Criminal Justice Credits: 3
- CRJ 2050 - Criminology Credits: 3

Electives

Choose 4 courses for a total of 12 credits. At least two courses must be at the 3000 or 4000 level.

- CRJ 2010 - Law Enforcement in America Credits: 3
 - CRJ 2020 - American Judicial Process Credits: 3
 - CRJ 2150 - Community and Restorative Justice Credits: 3
 - CRJ 2160 - Juvenile Justice Credits: 3
 - CRJ 2220 - Environmental Justice Credits: 3
 - CRJ 2510 - Criminal Law Credits: 3
 - CRJ 3120 - White-Collar Crime Credits: 3
 - CRJ 3145 - Criminal Justice Administration Credits: 3
 - CRJ 3155 - Investigation Sciences Credits: 3
 - CRJ 3165 - Delinquency and Crime Prevention Credits: 3
 - CRJ 3210 - Punishment and Corrections Credits: 3
 - CRJ 3250 - Terrorism Credits: 3
 - CRJ 4710 - Special Topics in Criminal Justice Credits: 3
 - CRJ 4810 - Criminal Justice Internship Credits: 3-6
- Only 3 credits of the following may be counted toward the minor:**
- HIS 3056 - Race in America Credits: 3
 - PSY 4180 - Exploring Race & Challenging Racism in the US Credits: 3
 - PSY 1130 - Introduction to Substance Abuse Credits: 3
 - PSY 3070 - Abnormal Psychology Credits: 3

History Minor

Minimum required credits for the minor: 18

Requirements for the minor

Choose at Least Two Courses From: (6 credits)

- HIS 1011 - Western Civilization I Credits: 3
- HIS 1020 - Comparative Civilization Credits: 3
- HIS 1211 - American History I Credits: 3
- HIS 1212 - American History II Credits: 3

Additional Courses: (12 credits)

Four additional courses in history, at least three at the 3000-4000 level

Pre-Law Minor

Total Credits: 18

Required Courses (9 Credits)

- CRJ 2020 - American Judicial Process Credits: 3
- PHI 1060 - Logic and Creative Thinking Credits: 3
- POS 1020 - American Politics and Government Credits: 3

Electives (9 Credits)

Choose 3 elective courses for 9 credits from the following:

Note: at least one course must be a law course (BUS 2450, CRJ 2510, POS 3170, or SPL 4020), and at least 3 credits must be taken at the 3000 or 4000 level.

- BUS 2450 - Business Law Credits: 4
- BUS 3240 - Global Business Credits: 3
- CRJ 2510 - Criminal Law Credits: 3
- ENG 2250 - Critical Approaches Credits: 3
- ENG 3010 - Advanced Composition and Rhetoric Credits: 3
- HIS 1212 - American History II Credits: 3
- HIS 3330 - Europe since 1914 Credits: 3
- MBI 3210 - Music Publishing Credits: 3
- PHI 1050 - Ethical Practice Credits: 3
- POS 1030 - Comparative Government Credits: 3
- POS 3060 - Vermont Politics Credits: 3
- POS 3170 - U.S. Constitutional Law Credits: 3
- SOC 2220 - The Family in Society Credits: 3
- SPL 4020 - Sport Law Credits: 3

Race and Gender Minor

Total Credits: 21

Required Courses (12 Credits)

- HIS 3056 - Race in America Credits: 3
- PSY 4180 - Exploring Race & Challenging Racism in the US Credits: 3
- SOC 1010 - Introduction to Sociology Credits: 3
- SOC 3050 - Gender and Society Credits: 3

Electives (9 Credits)

Choose 3 courses for a total of 9 credits. At least 3 credits must be at the 3000 level.

- ANT 1030 - Introduction to Anthropology Credits: 3
- ANT 3010 - Native Societies of America Credits: 3
- ANT 3030 - Comparative Cultures Credits: 3
- HIS 3550 - The Islamic World Credits: 3

Russian and Eurasian Studies Minor

Minimum required credits for minor: 18

Russian Language Study

Minimum 3 credits required in Russian language earned through coursework or course challenge

- RUS 1011 - Russian I Credits: 3
- RUS 1012 - Russian II Credits: 3

Russian and Eurasian Studies Courses

12-15 credits required from courses with Russian and Eurasian studies content. At least nine (9) credits must be earned at the 3000-4000 levels.

- FLL 1010 - Immersion Experience Credits: .5 to 6
- FLL 2710 - Topics in Foreign Language Credits: 3
- FLL 2810 - Co-op in Foreign Language Credits: 1 to 6
- FLL 2910 - Independent Study in Foreign Language Credits: 3
- GEO 2910 - Independent Study in Geography Credits: 1 to 3
- HIS 2240 - Survey of Eurasia Credits: 3
- RUS 2010 - Mystery of Russian Soul and Culture Credits: 3
- HIS 3440 - Modern Russia Credits: 3
- HIS 3445 - History of Soviet/Russian Cinema and TV Credits: 3
- HIS 3330 - Europe since 1914 Credits: 3
- OR
- HIS 3550 - The Islamic World Credits: 3
- HIS 4710 - Topics in History Credits: 1 to 3
- POS 3430 - Government and Politics in Russia and Post-Soviet States Credits: 3
- POS 4710 - Topics in Political Science Credits: 1 to 3

- **SSC 3820 - Global Studies Fieldwork Credits: 1 to 6**
SSC 3820 Global Studies Fieldwork must be associated with an educational trip or experiences of work in Russian Federation and/or other Post-Soviet states or selected courses with the approval of the Social Science department. No more than six (6) credits may be counted toward the minor.
- **SSC 2020 - Experience the World Credits: 1**
SSC 2020, Experience the World, must be associated with an educational trip or experiences of work in Russian Federation and/or other Post-Soviet states or selected courses with the approval of the Social Science department.

Education Programs

Elementary Education

see Department of Education

Secondary Education

- see Secondary Education and also:

Department of English
Department of Mathematics and Computer Science
Department of Natural Sciences
Department of Social Sciences

Endorsements

- see this section

Post-Baccalaureate Plan

- see this section

Teaching is a continuous process of developing an understanding of the relationships among content, pedagogy, and human development in order to assist others to learn. At Lyndon, we strive to inspire teacher-licensure students to become competent beginning teachers and to commit to an ongoing process of learning. We prepare teachers able to apply developmentally appropriate practice and feedback to help their students achieve goals important to our schools and society.

Programs

The teaching licensure programs available at Lyndon include three grade levels and six academic disciplines. They are as follows:

VT Ref. Number*	VT License Title	Grade Level	Lyndon Academic Department/ Lyndon Concentration Area
5440-36	Early Childhood Education**	Age 3 -Grade 3	Education Early Childhood

5440-00	Elementary Education	K-6	Education Elementary Education
5440-05	English	7-12	English Literature degree plus licensure program
5440-11	Mathematics	7-12	Mathematics and Computer Science Mathematics degree plus licensure program
5440-13	Science	7-12	Natural Science any concentration plus licensure program
5440-15	Social Studies	7-12	Social Science any concentration plus licensure program
5440-82	Special Educator	K-8	Education

* Regulations Governing the Licensing of Educators and the Preparation of Educational Professionals
September, 2003.

Important Program Note: ** This endorsement has the elementary endorsement as a prerequisite for
initial licensure.

State Approval

Lyndon's teacher-preparation programs have been granted program approval by the Vermont State Board of Education. Graduates in these programs are eligible for a license to teach in Vermont upon completion of a portfolio, recommendation of their major department and the Dean of Academic Affairs, completion of a criminal records check, acceptance of their portfolio by a review panel, satisfaction of Vermont State Standards, receipt of their degrees, and passing required Praxis tests. Licenses are issued by the State Department of Education following application by the graduate. Currently, Vermont Teaching Licenses are accepted reciprocally by 29 other states.

Program Theme

All Lyndon teacher-licensure programs function under a single theme: Teaching is Learning. We see teaching and learning as reciprocal and mutually supporting activities. Good teachers constantly learn from their students and professional sources. What they learn in turn shapes and refines their teaching. Students learn and are empowered to pass on what they learn through formal and informal teaching/sharing opportunities. From this perspective, all those involved in a teaching/learning situation benefit and grow.

Portfolio

The State of Vermont and Lyndon State College require that students complete a theme-based portfolio reflecting mastery of required competencies and growth over the period of the program. The student's portfolio is evaluated by a panel and must receive a positive evaluation in order for the student to be recommended for a teaching license.

First Aid

Prior to student teaching Lyndon State College requires all teacher-preparation students to hold a valid First Aid Certificate.

Eligibility for Student Teaching

Student teaching, usually carried out during the senior year, requires the student to have completed a minimum of 90 hours of college work with a cumulative grade-point average of 3.00 and a grade-point average for required education courses of 3.00, or in extraordinary circumstances demonstrated intellectual competence as certified by the Dean of Academic and Student Affairs. Passing scores for Praxis I and Praxis II must be on file prior to student teaching. Departmental permission is also required.

Post-Baccalaureate Licensing Plan in Teacher Education

The Post-Baccalaureate Licensing Plan serves two groups:

1. College graduates who decide to become teachers;
2. School teachers who desire an additional endorsement.

In general, those already holding a bachelor's degree are eligible. This program of study requires students to complete the same courses, or to demonstrate equivalent competency, as required of undergraduates in the college's teacher-preparation programs. This usually requires at least 30 credits beyond the bachelor degree. Candidates should apply to the Admissions Office and will be assigned an academic advisor in the department sponsoring certification. The individual program of courses required will be stated in writing for each candidate by the advisor and with the approval of the Dean of Academic Affairs. The candidate's previous preparation, present needs, occupational goals and individual interests will be considered in this statement. The program requirements for teacher certification must have appeared in a catalog no more than two years prior to completion of course work. Praxis I and Praxis II are required.

Teacher Testing

All students must comply with current State of Vermont regulations regarding testing for licensure.

Completion of Student Teaching

In order to be eligible for licensing in Vermont, student teachers must receive a grade of "B" or better and receive a positive recommendation from the college supervisor and the cooperating field teacher.

Performance of Lyndon Students

Of the students who were completing the College's teacher education program in 2007-2008, 100% satisfactorily passed all licensure assessments.

Criminal Records Check

The State of Vermont requires a criminal records check (including fingerprinting) of all persons in public school who may be with a student in an unsupervised situation.

Education

Tara Fortner, *Assistant Professor*

Eden Haywood-Bird, *Assistant Professor*

Ai Kamei, *Assistant Professor*

Bachelor of Science in Multidisciplinary Studies for Inclusive Teaching:

- Non-Licensure
- Elementary Education (K-6) Licensure
- Early Childhood Education (Age 3 - Grade 3) Licensure
- Special Education - Special Educator (K-8) Licensure

Associate of Science in Special Education

Mission Statement

Centered on the belief that "Teaching is Learning," The Lyndon State College Department of Education prepares students for careers as effective teachers or paraeducators through extensive and carefully coordinated college coursework and field-based experiences.

Bachelor of Science in Multidisciplinary Studies for Inclusive Teaching

Program Goals

The Education Department program will:

- prepare students to meet the competencies defined by the Vermont State Board of Education
- increase students' content competencies through the completion of coursework in the Liberal Arts and Sciences
- prepare students for teaching through extensive field-based experience in teaching and classroom work
- prepare students for teaching all learners in inclusive classrooms

Vermont Educator Licensure Program

To prepare students to meet licensure requirements defined by the Vermont State Board of Education, competencies for every licensure area in our program have been formulated based on qualitative analysis of the Standards for Vermont Educators and the Regulations Governing the Licensing of Educators and the Preparation of Educational Professionals. These program competencies relate directly to appropriate state and national standards. Development and documentation of competencies by students is facilitated by an advisor who is a specialist in a particular field.

Assessment of goals takes place through portfolio development and review at both Junior and Senior levels. Attainment of all competencies must be documented with evidence presented in the portfolios. The variety of field placements allow students to use practicing teachers in addition to college supervisors as resources for competency development. The consequent combination of campus based course requirements and portfolio development activities results in an in-depth assessment of both knowledge and skills. Nationally established standardized testing is also used as entrance and exit assessments of basic academic skills and content knowledge.

Program Description

Program Approval

Lyndon's teacher preparation programs are approved by the Vermont State Board of Education. Graduates who are recommended by the College must apply to the State Department of Education for their teaching license. Currently, Vermont teaching licenses are accepted by many states in the U.S.

The Major Programs

1. Non-Licensure Concentration: The core program plus student teaching and the completion of a liberal studies thesis. Students completing this concentration are not eligible for licensure in the state of VT.
2. Elementary Education: The core program plus 15 weeks of student teaching in an elementary classroom and approval of a final portfolio allow students to become licensed to teach in the elementary (K-6) classroom.
3. Early Childhood: The core program plus thirteen additional coursework credits, 15 weeks of student teaching in grades K-3, and approval of a final portfolio allow a student to qualify for the Early Childhood License (Age 3- Grade 3).
4. Special Education: The core program plus thirteen additional coursework credits, 15 weeks of student teaching in special education, and approval of a final portfolio allow students to be licensed as a Special Educator (K-8).
5. Elementary/Special Education Dual Licensure: The core program plus thirteen coursework credits, 7 weeks of student teaching in an elementary classroom, 7 weeks of student teaching in special education, and approval of a final portfolio allow students to be licensed as a Special Educator (K-8).

Acceptance to the Elementary Education Major

Students apply to their major during the second semester of their sophomore year. Transfer students are to consult with their advisor. In order to be accepted to the Elementary Education major, students must:

- earn a C – or better in EDU 2210 EDU 2840 and EDU 3020 (or transfer equivalent)
- demonstrate competence in college level reading and mathematics
- earn a 2.50 GPA overall and 2.75 in the Education major
- pass the Praxis Core standardized test

Eligibility for Fieldwork Apprenticeship

Students must take EDU 3315 concurrently with this fieldwork. Departmental permission required if all required courses are not yet successfully or timely completed. In order to be eligible for a fieldwork apprenticeship students must:

- earn a C- or better in EDU 2120, EDU 2210, EDU 2270, EDU 2840 EDU 3020, EDU 3325, EDU 3350, EDU 3510, EDU 3520, EDU 3530, EDU 3540, EDU 3550, and EDU 3560 (or transfer equivalent)
- pass the Praxis Core standardized test
- have an overall GPA of 2.70

Eligibility for Student Teaching

Students must pass a course in First Aid and complete the Criminal Records check before they student teach. In order to be eligible to student teach, students must:

- obtain departmental permission
- pass the Praxis Core and Praxis II standardized tests*
- make acceptable progress towards "Satisfactory" on the Professional Attributes and Disposition Assessment
- complete a minimum of 90 hours of college work with a 3.0 GPA both overall and in the Education major—or, in extraordinary circumstances, demonstrated intellectual competence as certified by the Dean of Academic Affairs

* Students who are not seeking licensure in VT are not required to pass Praxis II.

Completion of Student Teaching

In order to be recommended for licensure as a Vermont Educator, student teachers must:

- earn a grade of B or better in EDU 4811 and/or EDU 4880
- earn a minimum ranking of "Satisfactory" on the Professional Attributes and Disposition Assessment
- receive a positive evaluation and recommendation from their college supervisors

Teacher Testing

All Students must comply with current State of Vermont and Lyndon State College regulations regarding Praxis testing for licensure:

1. Passing scores for Praxis Core must be on file at the college prior to the first of November before registering for Teaching Apprenticeship.
2. Passing scores for Praxis II must be on file at the college prior to November 1st for registering for student teaching in the Spring semester and prior to April 1st for registering for student teaching in the Fall semester*.

* Students who are not seeking licensure in VT are not required to pass Praxis II.

Student Learning Outcomes

Students who earn a Bachelor's Degree in Multidisciplinary Studies for Inclusive Teaching will:

- demonstrate mastery of the basic academic skills of reading, writing, computing
- demonstrate mastery of content knowledge that is taught at the elementary school level
- demonstrate appropriate attributes and dispositions necessary to teach successfully
- demonstrate mastery of instruction
- demonstrate mastery of classroom management
- be recommended for licensure as a Vermont Educator, or obtain licensure as an educator in another state
- be employed as a professional educator

Assessing Learning Outcomes

The Education Department uses the following measures to assess and ensure student learning outcomes for the Elementary Education program. All students will

- 1) pass the Praxis Core standardized test and;
- 2) earn positive evaluations on attributes and dispositions from fieldwork supervisors, EDU 3810: Fieldwork Apprenticeship and EDU 4811: Teaching Elementary Education or EDU 4880: Teaching Special Education; and
- 3) earn positive student teaching evaluations from fieldwork supervisors, EDU 3810: Fieldwork Apprenticeship and EDU 4811: Teaching Elementary Education or EDU 4880: Teaching Special Education.
- 4) pass the Praxis II standardized test*.

* Students who are not seeking licensure in VT are not required to pass Praxis II.

Additionally, either the Education Department must approve students' Vermont Educator e-portfolios and submit a recommendation for licensure to the State Agency of Education, or the graduate obtains licensure as a professional educator in another state. Finally, the department surveys graduates to determine where and when they have secured employment as professional educators.

Associate of Science in Special Education Paraeducator

Program Goals

The Special Education Paraeducator program prepares students to assist teachers through a combination of college coursework and field-based experiences.

Student Learning Outcomes

Students who earn an Associate in Special Education will:

- demonstrate mastery of the basic academic skills of reading, writing, computing
- demonstrate mastery of assisting in instruction
- demonstrate mastery of assisting in classroom management

- demonstrate appropriate attributes and dispositions necessary to teach successfully
- be employed as a paraeducator (paraprofessional)

Assessing Student Learning Outcomes

The Education Department uses the following measures to assess and ensure student learning outcomes for the Special Education Paraeducator program. All students must meet all Associate's degree graduation standards.

Successful students will also

- 1) earn a positive student teaching evaluation from their fieldwork supervisors, EDU 2840: Exploratory Field Experience and EDU 2855: Practicum for Paraeducators and
- 2) earns positive student teaching evaluations from their fieldwork supervisors, EDU 2840: Exploratory Field Experience and EDU 2855: Practicum for Paraeducators.

Additionally, students will earn positive evaluations on attributes and dispositions from their fieldwork supervisors. Finally, the department surveys graduates to determine where and when they have secured employment as paraeducators.

Associate of Science

Associate of Science in Special Education

Minimum required credits for the program: 40

Students majoring in the Associate of Science in Special Education program are required to take MAT-1060 (Problem Solving with Mathematics) and MAT-2010 (Number Systems) as their Mathematics General Education requirements.

Core: (34 credits)

In addition to courses below, 3 credits of electives in Education or Special Education - Assessment, Instruction, or Management of students (approved by advisor).

- EDU 2120 - Children with Disabilities Credits: 3
- EDU 2010 - Foundations of Education Credits: 3
- EDU 2230 - Supporting Students with Autism Spectrum Disorders Credits: 2
- EDU 2270 - Classroom and Behavior Management Credits: 3
- EDU 2315 - Technology in the Classroom Credits: 1
- EDU 2855 - Practicum for Paraeducators Credits: 1-3
- EDU 3020 - Educational Psychology Credits: 3
- EDU 3185 - Differentiated Instruction & Assessment Credits: 3
- EDU 3350 - Foundations of Language and Literacy Instruction Credits: 3
- EDU 3525 - Teaching Math and Science Credits: 3
- EDU 3730 - Educational Laws & Regulations Credits: 1
- PSY 1050 - Human Growth and Development Credits: 3

Unrestricted Electives: (6 credits)

Unrestricted electives for 6 credits (examples: PSY 3050 Child Development; SOC 2040 Race, Ethnicity, Class and Gender; Divisional Choice courses; Education/Special Education electives)

Bachelor of Science

Bachelor of Science in Early Childhood Education

Requirements for the program

Students completing this major would be eligible for licensure in early childhood education (Birth - Age 5) in VT.

Major Requirements: 89 Credits

Liberal Studies (35 Credits)

Required Liberal Studies Courses: 12 Credits

- GEO 1010 - Introduction to Geography Credits: 3
- HIS 1211 - American History I Credits: 3
- POS 1020 - American Politics and Government Credits: 3
- PSY 1050 - Human Growth and Development Credits: 3

Elective Liberal Studies Courses: 23 Credits

- 6 credits from any MAT or CIS courses. At least one of these courses must have a MAT designation.
- 8 credits from two different disciplines among any 1000 or 2000 level lab science from ATM, BIO, CHE, ENV, GEY, and PHY courses.
- 9 additional credits at the 3000 or 4000 level from ANT, ARH, ART, ATM, BIO, CHE, CIS, ECO, ENG, ENV, FLM, GEO, GEY, HIS, MAT, MUS, PHI, PHY, POS, PSY, SOC, or THA (not including PSY 3080, PSY 3811, PSY 4151, PSY 4720, PSY 4820, PSY 4921 PSY 4922, SSC 4720 or SSC 4740).

Early Childhood Education (54 Credits)

- EDU 1030 - Introduction to Early Childhood Education Credits: 3
- ECE 3820 - Infant and Toddler Techniques Credits: 3
- ECE 3830 - Early Childhood Techniques Credits: 3
- ECE 3840 - Advanced Early Childhood Development Credits: 3
- ECE 3850 - Managing an ECE Classroom Credits: 3
- ECE 3860 - Ethical Considerations for Early Childhood Educators Credits: 3
- ECE 3870 - Inclusive Teaching for Early Educators Credits: 3
- ECE 3920 - Educational Theory for Teachers of Young Children Credits: 3
- ECE 3940 - Developmentally Appropriate Programming: Infants & Toddlers Credits: 3
- ECE 3950 - Developmentally Appropriate Programming: Preschool Credits: 3
- ECE 4020 - Authentic Assessment of Young Children Credits: 3
- ECE 4040 - Using Inquiry for Math and Science with Young Children Credits: 3

- ECE 4080 - Language & Literacy in Early Childhood Classrooms Credits: 3
- EDU 4250 - e-Portfolio Development Credits: 1
- EDU 4730 - Student Teaching Seminar Credits: 2
- ECE 4811 - Teaching Early Childhood Education Credits: 12

Bachelor of Science in Multidisciplinary Studies for Inclusive Teaching

Requirements for the program (core plus at least one concentration)

Major Requirements: 96 -110 Credits

Core (83 Credits)

* Select courses can double count between General Education Requirements and the Core Requirements

Students seeking licensure must complete at least 8 credits of upper-level (3000-4000) liberal studies courses (ENG, PSY, POS, GEO, HIS, MAT, SCI or related science disciplines). Any student who does not meet this requirement must take an additional upper-level liberal studies course as approved by his/her advisor.

Language & Literacy (15 Credits)

- ENG 2540 - Global English: Forms, Roles & Issues Credits: 3
- 3000 Level English Course Credits: 3
- EDU 3350 - Foundations of Language and Literacy Instruction Credits: 3
- EDU 3540 - Teaching Literacy in the Elementary Classroom Credits: 3
- EDU 3750 - Literature for Children Credits: 3

Social Sciences (14 Credits)

- PSY 3050 - Child Development Credits: 3
- POS 1020 - American Politics and Government Credits: 3
- GEO 1010 - Introduction to Geography Credits: 3
- HIS 1211 - American History I Credits: 3
- EDU 3530 - Social Science Methods Credits: 2

Science & Mathematics (24 Credits)

In addition to the courses below, students must take three (3) elective credits in Mathematics and two (2) four-credit elective Science courses.

- MAT 2010 - Number Systems Credits: 3
- MAT 3025 - Math in Elementary School Credits: 3
- SCI 2310 - Physical Science in the Classroom Credits: 4
- EDU 3525 - Teaching Math and Science Credits: 3

Inclusive Education (30 Credits)

- EDU 1025 - Introduction to the Major Credits: 2
Advised Term 1st Year
- EDU 2010 - Foundations of Education Credits: 3
Advised Term 1st Year
- EDU 2120 - Children with Disabilities Credits: 3
Advised Term 1st/2nd Year
- EDU 2270 - Classroom and Behavior Management Credits: 3
Advised Term 2nd Year
- EDU 2315 - Technology in the Classroom Credits: 1
Advised Term 2nd Year
- EDU 3020 - Educational Psychology Credits: 3
Advised Term 2nd Year
- EDU 3185 - Differentiated Instruction & Assessment Credits: 3
Advised Term 3rd Year
- EDU 3730 - Educational Laws & Regulations Credits: 1
Advised Term 3rd Year
- EDU 3825 - Teaching Over Time: Curriculum Development Credits: 3
Advised Term 3rd Year
- EDU 4475 - Teaching Apprenticeship Credits: 6
Advised Term 3rd Year
- EDU 4730 - Student Teaching Seminar Credits: 2
Advised Term 4th Year

Non-Licensure Concentration (15 Credits)

Students completing this concentration would not be eligible for VT licensure

- LIB 4810 - Liberal Studies Thesis Credits: 3
- EDU 4730 - Student Teaching Seminar Credits: 2

Elementary Education Concentration (13 Credits)

Students completing this concentration would be eligible for elementary education (K-6) licensure in VT

- EDU 4811 - Teaching Elementary Education Credits: 7-12
- EDU 4250 - e-Portfolio Development Credits: 1

Early Childhood Education Concentration (22 Credits)

Students completing this concentration would be eligible for licensure in early childhood education (age 3 - grade 3) and elementary education (K-6) licensure in VT

- EDU 1030 - Introduction to Early Childhood Education Credits: 3
Advised Term 1st Year
- EDU 3830 - Early Childhood Techniques Credits: 3
Advised Term 3rd Year

- EDU 4080 - Language & Literacy in Early Childhood Classrooms Credits: 3
Advised Term 4th Year
- EDU 4811 - Teaching Elementary Education Credits: 7-12
Advised Term 4th Year
- EDU 4250 - e-Portfolio Development Credits: 1
Advised Term 4th Year

Special Education Concentration (25 Credits)

Students completing this concentration would be eligible for licensure in special education (K-8) in VT

- EDU 4070 - Teaching Students with Special Needs: Elementary Emphasis Credits: 3
Advised Term 3rd Year
- EDU 4450 - Assessment of Exceptional Students Credits: 3
Advised Term 3rd or 4th Year
- EDU 4460 - Emotional and Behavioral Disabilities Credits: 3
Advised Term 4th Year
- EDU 4580 - Reading Disabilities I Credits: 3
Advised Term 3rd Year
- EDU 4880 - Teaching Special Education Credits: 7-12
Advised Term 3rd or 4th Year
- EDU 4250 - e-Portfolio Development Credits: 1
Advised Term 4th Year

Electronic Journalism Arts

Tim Lewis, *Professor*

Meaghan Meachem, *Associate Professor*

Donna Smith, *Assistant Professor*

Mark Morhrmann, *Broadcast Systems Administrator*

Aaron Young, *Video Broadcast/Theatre Operations Technician*

Bachelor of Science in Electronic Journalism Arts

Associate of Science in Electronic Journalism Arts

Minor: Electronic Journalism Arts for Broadcast Meteorologists

Mission Statement

The Lyndon State College Department of Electronic Journalism Arts (formerly known as Television Studies) offers preparation toward a professional career in the ever-changing field of journalistic storytelling across multiple visual and media technologies, leading to an associate's degree or bachelor of science degree. Classroom study complements extensive hands-on experience at both the introductory and advanced levels.

Program Description

Our common program goals are designed to ensure that our students acquire the skills and knowledge necessary for professional career opportunities in electronic journalism (visual, editorial, online, print.) The two-year Associate of Science degree provides individually designed study for those persons seeking skills enhancement for entry-level professional opportunities. The four-year Bachelor of Science degree consistently leads to entry-level career placement upon graduation. A minor designed for broadcast meteorologists enhances their chances for employment with field reporting and photojournalism techniques to add to their in-studio "green-screen" skills.

Program Goals

Graduates of the program will demonstrate proficiency and creativity in written, oral, and presentational communication. Graduates will also acquire the critical thinking and analytical skills demanded by the profession and required for success in the rapidly changing information industry. The experiential nature of the program through the Vermont Center for Community Journalism, internships, field trips, regional conference participation, and national convention attendance are unmatched in all of New England.

The Electronic Journalism Arts program trains students in reporting methods and techniques for visual, editorial, online and print mediums. The program produces graduates able to report across multiple platforms with research and presentation abilities needed for success in fields beyond journalism. Students may select courses to specialize in a particular medium. The capstone community service learning experience for students takes place in the Vermont Center for Community Journalism at Lyndon State. The VCCJ provides a geographical laboratory and classroom instruction for the training of journalists in the various communication modes that deliver news and information vital to communities for the practice of democracy and a civilized society.

Lyndon's Electronic Journalism Arts program enjoys a growing national reputation for excellence. In 2013 and 2014 EJA was named one of the Top 10 Journalism Education Programs in the country by a survey of news professionals conducted by the Radio Television Digital News Association and Crain's TV NewsPro Magazine. The VCCJ's web outlet NewsLINC went online in 2008 and immediately became nationally recognized—named as a Finalist, Best StudentWebsite, by the Broadcast Education Association in 2009, 2010, and 2011; and by the College Media Advisors in 2009). NewsLINC joined the established and award-winning live broadcasts of LSC-TV News 7, which was named Best College Newscast in the Country by the Society of Professional Journalists in 1997 and won an NATAS Emmy in 2004. The VCCJ also debuted a new electronic print publication NewsINK 2010. Since 1987, students in the program have received some 110 awards for their work - 37 of those in national competition.

Student Learning Outcomes

Graduates completing the major in Electronic Journalism Arts will be able to:

1. Demonstrate competency in the various elements associated with electronic journalism and non-news video, print and web content production.
2. Utilize video/image acquisition, studio production written communication, and online technologies to meet minimum expected industry standards for entry-level positions.
3. Tell significant stories to self-governing citizens in an interesting and relevant fashion utilizing various media technologies
4. Meet and maintain industry ethics, practices and standards, maintained by the National Press Photographer Association (NPPA), the Society of Professional Journalists (SPJ) and the Radio Television Digital News Association (RTDNA).

Program Assessment

Regular changes are made to our Electronic Journalism Arts program, based on cooperative education supervisor feedback and other assessment gathering information tools. Since our interns are placed in positions that demand appropriate and up-to-date skills, we are able to adjust the program based on the success and limitations that result from our students' cooperative education placements, and alumni feedback.

In addition, the faculty is actively engaged in working with and observing the industry. Faculty members have been awarded grants for extended visitations and participation at regional news outlets such as WCAX-TV CBS Affiliate, Vermont Public Radio, and at national media such as CNN. These activities provide continuous assessment of the program.

Public feedback from viewers of LSC-TV programming also provides documentation for our program assessments. In a similar fashion our competency-based assessment of individual students helps us identify possible changes in the program itself as do the end-of-term "demo reels" or portfolios we require of our students.

Since 1996, the program has achieved consistent recognition regionally and nationally from organizations such as the Associated Press, the Society for Professional Journalists, the Broadcast Education Association, the Vermont Association of Broadcasters, College Broadcasters Inc., the American Women in Radio & Television, the College Media Advisors and the Academy of Television Arts and Sciences Foundation. Students consistently achieve recognition by those same organizations as award winners in photojournalism, feature and spot-news reporting (broadcast and online) as well as overall excellence in journalism.

Associate of Science

Associate of Science in Electronic Journalism Arts

Minimum required credits for the program: 27

Requirements for the program

- EJA 1010 - Introduction to Media Communication Credits: 3
Advised Term 1st Year
- EJA 1020 - Communications Technology Credits: 3
Advised Term 1st Year
- EJA 1221 - Person to Person Credits: 3
Advised Term 1st Year
- EJA 2050 - Digital Image Acquisition Credits: 3
Advised Term 2nd Year
- EJA 2051 - Aesthetics in Editing Credits: 3
Advised Term 2nd Year
- EJA 2130 - Local News Gathering Credits: 3
Advised Term 2nd Year
- EJA 2135 - Studio Production Credits: 3
Advised Term 2nd Year
- EJA 2145 - Art of the Interview Credits: 3
Advised Term 2nd Year

Bachelor of Science

Bachelor of Science in Electronic Journalism Arts

Minimum required credits for the program: 59-62

Requirements for the program

Foundations: (27 Credits)

- EJA 1010 - Introduction to Media Communication Credits: 3
Advised Term 1st Year
- EJA 1020 - Communications Technology Credits: 3
Advised Term 1st Year
- EJA 2040 - Journalistic Writing I Credits: 3
Advised Term 1st Year
- EJA 1221 - Person to Person Credits: 3
Advised Term 1st Year
- EJA 2050 - Digital Image Acquisition Credits: 3
Advised Term 2nd Year
- EJA 2051 - Aesthetics in Editing Credits: 3
Advised Term 2nd Year
- EJA 2130 - Local News Gathering Credits: 3
Advised Term 2nd Year
- EJA 2135 - Studio Production Credits: 3
Advised Term 2nd Year
- EJA 2145 - Art of the Interview Credits: 3
Advised Term 2nd Year

Electronic Journalism Requirements: (32 Credits)

- EJA 2815 - VCCJ Practicum I: VCCJ Newsroom Credits: 4
Advised Term 3rd Year
- EJA 2843 - Practical Presentation I Credits: 3
Advised Term 3rd Year

Pick two (2) of the following VCCJ Practica to be taken concurrently:

- EJA 3810 - VCCJ Practicum II: Reporting Credits: 3
 - EJA 3811 - VCCJ Practicum II: Visual Credits: 3
 - EJA 3812 - VCCJ Practicum II: NewsLINC / NewsINK Credits: 3
 - EJA 3813 - VCCJ Practicum II: VJ Credits: 3
-
- EJA 3222 - Practical Presentation II Credits: 3
Advised Term 3rd Year
 - EJA 3030 - Law and Regulation Credits: 3
Advised Term 3rd Year
 - EJA 4020 - Issues and Ethics Credits: 3
Advised Term 3rd Year
-
- EJA 4810 - VCCJ Practicum III: Editorial Credits: 6
OR
 - EJA 4820 - VCCJ Practicum III: Visual Credits: 6
OR
 - EJA 4830 - VCCJ Practicum III: Print & Digital Journalism Credits: 6

- EJA 4100 - Web Producing - Content Management Credits: 3
Advised Term 3rd Year
- EJA 4550 - Advanced Practical Presentation Credits: 1
Advised Term 3rd Year

- EJA 4850 - eJ Convergence Portfolio: I-Team Credits: 3
OR
- EJA 4851 - eJ Convergence Portfolio: Photojournalism Credits: 3
OR
- EJA 4852 - eConvergence Portfolio: Web and Digital Journalism Credits: 3

Minor

Electronic Journalism Arts Minor

Recommended for ATM and SMG students.

Minimum required credits for the minor: 23

Requirements for the minor

Requirements for the minor/BADJE (Broadcast and Digital Journalism Enhancement)

- EJA 1020 - Communications Technology Credits: 3
- EJA 1221 - Person to Person Credits: 3
- EJA 2050 - Digital Image Acquisition Credits: 3
- EJA 2051 - Aesthetics in Editing Credits: 3
- EJA 2130 - Local News Gathering Credits: 3
- EJA 2815 - VCCJ Practicum I: VCCJ Newsroom Credits: 4
- EJA 2843 - Practical Presentation I Credits: 3

English, Philosophy, and Film Studies

Kristi Castleberry, *Assistant Professor*

Chandler R. Gilman, *Professor*

David M. Johnston, *Associate Professor*

Andrea Luna, *Professor*

Elaine Razzano, *Professor*

Bachelor of Arts in English

- **Literature and Cultural Studies**
- **Writing**
- **Film Studies**

Licensure in Secondary Education (see also: Secondary Education)

Minors: Film Studies, Philosophy, Literature, Writing

Mission Statement

The Lyndon State College Department of English, Philosophy and Film Studies delivers a first-rate liberal arts education matching the range and depth available at much larger colleges and universities but with the focused, individual attention that defines Lyndon.

Program Goals

The Department of English, Philosophy and Film Studies seeks to:

- provide students with a vital and substantive understanding of the study and analysis of culture through literature, writing, philosophy, and a variety of cultural media
- provide students with critical reading and research skills
- train students in the kind of analytical, interpretive, and communicative skills that are valuable not only in graduate study, but also in any area of management and communications, from personnel to public relations
- develop and enhance students' writing skills
- teach students how to learn by developing their interpretive, evaluative, analytical, and critical-thinking skills

Program Description

The Department of English, Philosophy, and Film Studies provides an ideal balance between the broad preparation of an interdisciplinary liberal arts education and the specific focus of specialized study in a chosen professional or academic field. At the core of the program for all majors is a thorough grounding in creative and critical thinking, analytical reading, research, and writing; and the study of culture, providing the foundation for advanced study in the area of each student's particular interest.

Students may pursue interests in a variety of specialties: professional writing, creative writing, literature, philosophy, film, and cultural studies. With two majors, several concentrations, and a variety of liberal studies concentrations and minors, the department provides flexible alternatives for majors to pursue their particular interests and to develop their skills and understanding.

The B.A. in English, Writing concentration provides opportunities for students interested in the broad fields of print and electronic journalism, as well as creative and professional writing, while the major in Professional Multimedia Communications offers a more specialized focus in strategic communication in a variety of visual and textual media, both print and electronic. For students interested in the interpretation, analysis, and understanding of culture and cultural media, the department offers flexible program opportunities through a B.A. in English with a concentration in Literature and Cultural Studies.

The department also offers a licensure program for literature students interested in teaching English in grades 7-12. Minors and Liberal Studies programs in English, Film Studies, and Philosophy provide additional opportunities for students to create individual programs in philosophy, literature, writing, film or cultural studies. The department also designs and implements the college's First-Year Writing Program.

Our effort is to prepare all of our students—majors and non-majors—for the richness of a lifetime of reading, thinking, and writing, as well as to supply a firm and comprehensive liberal arts foundation for each student as he or she pursues either graduate study or a chosen career.

Many of our graduates have pursued careers in such fields as teaching, journalism, advertising, public relations, editing and publishing, online writing and publishing, non-profit fund raising, non-profit organization management, technical writing, creative writing, law, government, business management, library work, sales, marketing, banking, international service, and social service. Others have pursued graduate study in literature, philosophy, writing, business, and law.

Student Learning Outcomes

Students will develop an understanding of

- representation as both a manifestation and analysis of human experience in its extraordinary variety over space and time and
- the nature and the function of language to represent and to manipulate reality and meaning

Assessing Student Learning Outcomes

The department's comprehensive assessment procedures are available on request and on the department's web page at: <http://campus.lyndonstate.edu/English/dept/assessment.htm>. Outcomes for advanced juniors and seniors are assessed through a variety of defined vehicles, according to an established rubric, in advanced seminars and capstone courses (e.g.: ENG 4910, Thesis/Portfolio). Substantial written and oral work is assessed according to the defined outcomes and the evaluative rubric by individual faculty teaching the relevant courses.

Bachelor of Arts

Bachelor of Arts in English

Minimum required credits for the program: 42-47

Requirements for the program (Core, and either the Writing Concentration, or Literature and Cultural Studies Concentration, or Film Studies Concentration)

***ENG-2290, ENG-2325, ENG-2390, ENG 2540 and the Literature and Cultural Studies Concentration, including 6 credits of ENG-3545, are required for Licensure in English Secondary Education.**

Required Core: (15 Credits)

- ENG 2130 - Introduction to Writing Poetry Credits: 3
Advised Term 2nd or 3rd Year
or
- ENG 2140 - Introduction to Writing Fiction Credits: 3
Advised Term 2nd or 3rd Year

- ENG 2250 - Critical Approaches Credits: 3
Advised Term 2nd or 3rd Year
- ENG 3010 - Advanced Composition and Rhetoric Credits: 3
Advised Term 3rd or 4th Year
- FLM 1055 - Film Analysis and Appreciation Credits: 3
Advised Term 1st Year
- PHI 1060 - Logic and Creative Thinking Credits: 3
Advised Term 1st Year

Core Choice: (12-14 Credits)

Choose at least 12 credits, with at least 6 ENG credits, from:

- ENG 2155 - Multimedia Storytelling Credits: 3
Advised Term 2nd or 3rd Year
- ENG 2290 - Survey of British Literature and Culture Credits: 3 (*Required for Licensure in English Secondary Education.*)
Advised Term 2nd or 3rd Year
- ENG 2325 - Survey of American Literature and Culture Credits: 3 (*Required for Licensure in English Secondary Education.*)
Advised Term 2nd or 3rd Year
- ENG 2390 - Survey of World Literature: Explorations Credits: 3 (*Required for Licensure in English Secondary Education.*)
Advised Term 2nd or 3rd Year
- ENG 2535 - Genre Survey Credits: 3
Advised Term 2nd or 3rd Year
- ENG 2545 - Literature and Culture Survey Credits: 3
Advised Term 2nd or 3rd Year
- ENG 2815 - On-Site Experience Credits: 1-3 *Only 3 credits of ENG 2815 may count toward program requirements.*
Advised Term 2nd or 3rd Year
- FLM 2015 - History of Cinema I Credits: 4
Advised Term 2nd or 3rd Year
- FLM 2025 - History of Cinema II Credits: 4
Advised Term 2nd or 3rd Year
- PHI 2090 - Popular Culture and Philosophy Credits: 3
Advised Term 2nd or 3rd Year

Selected courses at the 1000 or 2000 level with approval of advisor.

Writing Concentration (15 Credits)

- ENG 4910 - Senior Portfolio Credits: 3

Choose 12 credits from:

- ENG 2085 - Public Relations, Advertising, and Marketing Credits: 3
- ENG 2540 - Global English: Forms, Roles & Issues Credits: 3
- ENG 3080 - Strategic Media Communications Credits: 3
- ENG 3110 - Creative Writing Workshop Credits: 3
- ENG 3135 - Writing Lyric: Form and Theory Credits: 3

- ENG 3145 - Writing Narrative: Form and Theory Credits: 3
- ENG 4080 - Advanced Creative Writing Workshop Credits: 3
- ENG 4810 - Internship in English Credits: 2-15
(Only 3 credits may be counted toward the program.)

Selected courses at the 3000 or 4000 level with approval of advisor.

Literature and Cultural Studies Concentration (15-17 Credits)

(Required for Licensure in English Secondary Education.)

- ENG 4750 - Senior Seminar Credits: 3

Choose 6 credits from:

- ENG 3545 - Literature and Culture Seminar Credits: 3 *(6 credits required for Licensure in English Secondary Education)*
- FLM 3320 - Film and Culture Seminar Credits: 3

Choose at least 6 credits from:

- ENG 2540 - Global English: Forms, Roles & Issues Credits: 3 *(Required for Licensure in English Secondary Education.)*
- ENG 3025 - Media and Society Credits: 3
- ENG 3385 - Genre Seminar Credits: 3
- ENG 4810 - Internship in English Credits: 2-15
(Only 3 credits may be counted toward the program.)
- FLM 3010 - Auteur Filmmakers Seminar Credits: 4
- FLM 3610 - Film Studies Seminar Credits: 4
- FLM 4010 - Theory of Cinema Credits: 4
- PHI 2050 - Nature, Science, and Technology Credits: 3
- PHI 3065 - Philosophy of Film and Television Credits: 3
- PHI 3140 - Art Theory and Criticism Credits: 3

Selected courses at the 3000 or 4000 level with approval of advisor.

Film Studies Concentration: (16-18 Credits)

- FLM 4010 - Theory of Cinema Credits: 4

Choose at least 12 credits, with at least 6 FLM credits, from:

- ENG 3025 - Media and Society Credits: 3
- FLM 3010 - Auteur Filmmakers Seminar Credits: 4
- FLM 3320 - Film and Culture Seminar Credits: 3
- FLM 3610 - Film Studies Seminar Credits: 4
- FLM 4810 - Internship in Film Studies Credits: 2-15
(Only 3 credits may be counted toward the program.)
- PHI 3065 - Philosophy of Film and Television Credits: 3
- PHI 3140 - Art Theory and Criticism Credits: 3
- THA 2080 - Theatre Arts in The Dramatic Format Credits: 3

Selected courses at the 3000 or 4000 level with approval of advisor.

Minor

Film Studies Minor

Minimum required credits for the minor: 23-26

Requirements for the minor

- FLM 1055 - Film Analysis and Appreciation Credits: 3
- FLM 2015 - History of Cinema I Credits: 4
- FLM 2025 - History of Cinema II Credits: 4

Choice courses: (four courses, with at least 6 FLM credits and at least 9 credits at the 3000/4000 level)

- ENG 2250 - Critical Approaches Credits: 3
- ENG 3025 - Media and Society Credits: 3
- FLM 3010 - Auteur Filmmakers Seminar Credits: 4
- FLM 3320 - Film and Culture Seminar Credits: 3
- FLM 3610 - Film Studies Seminar Credits: 4
- FLM 4010 - Theory of Cinema Credits: 4
- PHI 3065 - Philosophy of Film and Television Credits: 3
- PHI 3140 - Art Theory and Criticism Credits: 3
- THA 2080 - Theatre Arts in The Dramatic Format Credits: 3

Literature Minor

Minimum required credits for the minor: 21

Requirements for the minor

Choose 21 credits from the courses below with at least nine credits at the 3000 or 4000 level:

- ENG 2250 - Critical Approaches Credits: 3
- ENG 2290 - Survey of British Literature and Culture Credits: 3
- ENG 2325 - Survey of American Literature and Culture Credits: 3
- ENG 2390 - Survey of World Literature: Explorations Credits: 3
- ENG 2535 - Genre Survey Credits: 3
- ENG 2545 - Literature and Culture Survey Credits: 3
- ENG 3385 - Genre Seminar Credits: 3
- ENG 3545 - Literature and Culture Seminar Credits: 3
- ENG 4750 - Senior Seminar Credits: 3

Philosophy Minor

Minimum required credits for the minor: 21

Requirements for the minor

Choose 21 credits from the courses below with at least 15 credits from PHI and 9 credits at the 3000 or 4000 level:

- PHI 1050 - Ethical Practice Credits: 3
- PHI 1060 - Logic and Creative Thinking Credits: 3
- PHI 2050 - Nature, Science, and Technology Credits: 3
- PHI 2090 - Popular Culture and Philosophy Credits: 3
- PHI 3065 - Philosophy of Film and Television Credits: 3
- PHI 3140 - Art Theory and Criticism Credits: 3
- PHI 4810 - Internship in Philosophy Credits: 2-15
(Only 3 credits may be counted for the program)
- ENG 2250 - Critical Approaches Credits: 3
- ENG 3025 - Media and Society Credits: 3
- FLM 4010 - Theory of Cinema Credits: 4

Writing Minor

Minimum required credits for minor: 21

Requirements for the minor

Choose 21 credits from the courses below with at least nine credits at the 3000 or 4000 level:

- EJA 2040 - Journalistic Writing I Credits: 3
- ENG 2130 - Introduction to Writing Poetry Credits: 3
- ENG 2140 - Introduction to Writing Fiction Credits: 3
- ENG 2155 - Multimedia Storytelling Credits: 3
- ENG 2085 - Public Relations, Advertising, and Marketing Credits: 3
- ENG 3010 - Advanced Composition and Rhetoric Credits: 3
- ENG 3080 - Strategic Media Communications Credits: 3
- ENG 3110 - Creative Writing Workshop Credits: 3
- ENG 3135 - Writing Lyric: Form and Theory Credits: 3
- ENG 3145 - Writing Narrative: Form and Theory Credits: 3
- ENG 4080 - Advanced Creative Writing Workshop Credits: 3
- ENG 4810 - Internship in English Credits: 2-15
(Only 3 credits may be counted toward the program.)

Exercise Science

Katie Bouley, Associate Professor

Gregory Ledoux, *Associate Professor*

Aimee Pascale, *Assistant Professor*

Zane Pfeffrle, *Assistant Professor*

Bachelor of Science in Exercise Science:

- Health Fitness - Strength and Conditioning
 - *CPT, HFS (ACSM)
 - *CPT, CSCS (NSCA)
- Pre-professional Physical Therapy (PT, OT, PA)
- Pre-professional Athletic Training
- Self-Designed

Minors: Athletic Coaching Education, Exercise Science

Accreditation and Recognition:

The Department of Exercise Science holds national distinction as the 24th institution in the country to receive accreditation by the Commission on Accreditation of Allied Health Education Programs (2009-present) in coordination with the American College of Sports Medicine, and is recognized by the National Strength and Conditioning Association's Education Recognition Program (2005-present). Lyndon is one of very few institutions in the country to be both CAAHEP Accredited and NSCA Recognized.

Program Mission Statement

The degree program in exercise science combines fundamental interdisciplinary study in the natural sciences and liberal arts with extensive laboratory, experiential and professional internship practices. The mission of the department is to provide exceptional academic and professional preparation for careers in exercise science. Emphasis is placed upon the development of academic, practical, and critical skills needed for lifelong learning as advocates of health promotion and disease prevention.

Program Goals

Students completing undergraduate studies in the department of exercise science will emerge with the following outcomes:

- a foundation of knowledge in the natural sciences
- an understanding of the behavior of the human organism in causing, controlling and responding to movement

- a variety of career or post-secondary educational opportunities in physical education and exercise science
- the technological and practical skills to access and read scholarly materials in physical education and exercise science
- a demonstration of independent research

Program Assessment

Career tracks in exercise science offer strong experiential components via laboratory, practicum, and internship experience. The effectiveness of the departmental and program preparation and the objectives of completed internships are evaluated by faculty, student and internship supervisor.

A college internship manual (pre-professional) outlines specific and detailed policies, procedures, and objectives for the student, the internship site coordinator, and the experience. An appendix of this manual includes documentation for the intern to self-evaluate and for the internship site coordinator to evaluate the readiness and professional preparation of the student intern for future professional experience.

The Physical Education Teacher Education (PETE) program integrates a wide variety of assessment methods compatible with the Vermont State Department of Education teacher licensure regulations. Teacher education students are required, as a capstone experience, to present their licensure portfolio to a panel of professionals after completing student teaching.

Program of Study

Bachelor degrees in exercise science consist of a core of primary courses, which all students in the department must complete. Career tracks allow students to select an area of concentration. The core provides a solid foundation of knowledge in the natural and exercise sciences while career track concentrations promote professional or personal career goals.

Health Fitness/Strength and Conditioning Concentration: Students prepare for careers/national examinations such as American College of Sports Medicine Health Fitness Specialist (HFS), National Strength and Conditioning Association Certified Strength and Conditioning Specialist (CSCS), Certified Personal Trainer (CPT), and/or graduate study.

Pre-Professional Physical Therapy Concentration: Students pursue a bachelor's degree in Exercise Science from Lyndon State College and then make application to a Physical Therapy graduate program of choice. Students who are accepted into a graduate program pursue a clinical doctorate in physical therapy (DPT) in approximately 3 additional years of study, and licensure. This concentration is in conjunction with Pre-Professional Occupational Therapy and Pre-Professional Physician Assistant: Students pursue a bachelor's degree in Exercise Science from Lyndon State College and then make application to a graduate school of choice. Students who are accepted into a graduate program pursue a Master's degree in approximately 2 additional years of study, and licensure.

Pre-Professional Athletic Training Concentration: Students pursue a bachelor's degree in Exercise Science from Lyndon State College and then make application to an Athletic Training graduate school of choice. Students who are accepted into a graduate program pursue a Master's degree in approximately 2 additional years of study, and certification (ATC).

The unique self-designed concentration requires a minimum of 25 credits of course work with a coherent and rigorous focus. The self-designed program must be proposed to and approved by the Department of Exercise Science.

It is important to note that graduate programs are high competitive and obtaining an applicable undergraduate degree does not guarantee acceptance.

Exercise Science (XSC) concentration courses can only be transferred from other CAAHEP accredited Exercise Science programs (with matching course descriptions and credit load).

Requirements for the Bachelor of Science in Exercise Science

Computer Literacy Requirement: All students must demonstrate computer literacy in word processing, computer presentations, and spreadsheets. Demonstration of computer literacy may be accomplished by successful completion of classroom assignments.

Note: All students must have current First Aid and CPR certification before enrolling in practicum (XSC-3810, XSC-4130, XSC-4820) and internship (XSC-4810).

Bachelor of Science

Bachelor of Science in Exercise Science

Requirements for program (Core plus a Concentration)

Core: (27 credits)

- XSC 1090 - Introduction to Exercise Science Credits: 3
Advised Term 1st Year
- XSC 2050 - Human Gross Anatomy Credits: 4
Advised Term 2nd Year
- XSC 2055 - Human Physiology Credits: 4
Advised Term 2nd Year
- XSC 3120 - Kinesiology Credits: 3
Advised Term 3rd Year
- XSC 3150 - Physiology of Exercise Credits: 4
Advised Term 3rd Year
- XSC 4010 - Motor Development Credits: 3
Advised Term 3rd/4th Year
- XSC 4071 - Assessment of Exercise Science Credits: 3
Advised Term 3rd/4th Year
- XSC 4072 - Research Methods in Exercise Science Credits: 3
Advised Term 3rd/4th Year

Health Fitness - Strength and Conditioning Concentration: (44 credits)

Minimum required credits for the program: 71

*This concentration provides students with the knowledge, skills, and abilities for eligibility to sit for the following certification examinations:

1. Health Fitness Specialist (HFS) - American College of Sports Medicine (ACSM).
2. Certified Strength and Conditioning Specialist (CSCS) - National Strength and Conditioning Association (NSCA).
3. Certified Personal Trainer (CPT) - ACSM or NSCA.

Only 3 credits of XSC 4810 or XSC 4820 may be used to fulfill this concentration.

- XSC 1255 - Fitness for Health and Performance Credits: 3
Advised Term 1st Year
- XSC 2060 - Sport and Exercise Psychology Credits: 3

- Advised Term 2nd Year
- XSC 2111 - Care and Prevention of Injuries Credits: 4
Advised Term 2nd Year
- XSC 3080 - Personal Fitness Credits: 3
Advised Term 3rd Year
- XSC 3810 - Practicum in Exercise Science Credits: 1 to 6
Advised Term 3rd Year
- XSC 4080 - Fundamentals of Physical Conditioning Credits: 3
Advised Term 4th Year
- XSC 4090 - Exercise Testing, Interpretation, and Intervention Credits: 4
Advised Term 4th Year
- XSC 4130 - Practical Applications in Exercise Science Credits: 2
Advised Term 4th Year
- XSC 4150 - Clinical Exercise Prescription Credits: 3
Advised Term 4th Year
- XSC 4810 - Internship In Exercise Science Credits: 3 to 12
OR
- XSC 4820 - Practicum in Exercise Science Credits: 1 to 6
Advised Term 4th Year
- BIO 1210 - Introduction to Biology Credits: 4
Advised Term 1st Year
- BIO 2060 - Nutrition for Health and Fitness Credits: 3
Advised Term 2nd Year
- CHE 1023 - Outline of General Chemistry Credits: 4
Advised Term 2nd Year
- PHY 2031 - Fundamental Physics I Credits: 4
Advised Term 3rd Year

Pre-Professional Athletic Training Concentration: (34 credits)

Minimum required credits for the program: 61

Only 3 credits of XSC 4810 may be used to fulfill this concentration.

- XSC 1255 - Fitness for Health and Performance Credits: 3
Advised Term 1st Year
- XSC 2111 - Care and Prevention of Injuries Credits: 4
Advised Term 2nd Year
- XSC 2153 - Evaluation & Management of Lower Extremities Credits: 3
Advised Term 3rd Year
- XSC 2154 - Evaluation & Management of Upper Extremities Credits: 3
Advised Term 3rd Year
- XSC 3080 - Personal Fitness Credits: 3
Advised Term 3rd Year
- XSC 4810 - Internship In Exercise Science Credits: 3 to 12
Advised Term 4th Year
- BIO 1210 - Introduction to Biology Credits: 4
Advised Term 1st Year
- BIO 2060 - Nutrition for Health and Fitness Credits: 3
Advised Term 2nd Year
- CHE 1023 - Outline of General Chemistry Credits: 4

Advised Term 2nd Year

- PHY 2031 - Fundamental Physics I Credits: 4
Advised Term 3rd Year

Pre-Professional Physical Therapy/O.T/P.A. Concentration: (32 credits)

Minimum required credits for the program: 59

*This concentration satisfies most application requirements for advanced graduate study in exercise science, and professional education in allied health, including but not limited to occupational therapy, speech therapy, and physician assistant. Students in this concentration are best prepared by taking MAT-1020 prior to MAT-2021 (Statistics).

Only 3 credits of XSC 4810 may be used to fulfill this concentration.

- XSC 1255 - Fitness for Health and Performance Credits: 3
Advised Term 1st Year
- XSC 4810 - Internship In Exercise Science Credits: 3 to 12
Advised Term 4th Year
- BIO 1210 - Introduction to Biology Credits: 4
Advised Term 1st Year
- CHE 1031 - General Chemistry I Credits: 4
Advised Term 2nd Year
- CHE 1032 - General Chemistry II Credits: 4
Advised Term 2nd Year
- MAT 2021 - Statistics Credits: 3
Advised Term 1st or 2nd Year
- PHY 2031 - Fundamental Physics I Credits: 4
Advised Term 3rd Year
- PHY 2032 - Fundamental Physics II Credits: 4
Advised Term 3rd Year
- PSY 1010 - Introduction to Psychology Credits: 3
OR
- PSY 1050 - Human Growth and Development Credits: 3

Self-Designed Program Concentration: (25 credits)

Minimum required credits for the program: 52

Only 3 credits of XSC 3810 or XSC 4810 may be used to fulfill this concentration. In addition to the required courses below, choose 18 credits in Exercise Science in consultation with your faculty advisor.

- XSC 3810 - Practicum in Exercise Science Credits: 1 to 6
OR
- XSC 4810 - Internship In Exercise Science Credits: 3 to 12
Advised Term 4th Year
- BIO 1210 - Introduction to Biology Credits: 4
OR
- CHE 1023 - Outline of General Chemistry Credits: 4
Advised Term 1st or 2nd

Minor

Athletic Coaching Education Minor

Minimum required credits for the minor: 18

First Aid - CPR Required.

This minor meets the course requirements for the following standards:

- *Vermont Principals' Association Coaches Education Program
- *American Sport Education Program (ASEP) Bronze Level Certification
- *ASEP National Coaches Registry

Requirements for the minor

- XSC 2111 - Care and Prevention of Injuries Credits: 4
- XSC 3130 - Coaching Principles Credits: 3
- XSC 3810 - Practicum in Exercise Science Credits: 1 to 6
- PED 3010 - Coaching Methods Credits: 2

Choose six credits from:

- XSC 1255 - Fitness for Health and Performance Credits: 3
- XSC 2060 - Sport and Exercise Psychology Credits: 3
- BIO 2060 - Nutrition for Health and Fitness Credits: 3

Exercise Science Minor

Minimum required credits for the minor: 21

Requirements for the minor

- XSC 1090 - Introduction to Exercise Science Credits: 3
- XSC 1255 - Fitness for Health and Performance Credits: 3
- XSC 2050 - Human Gross Anatomy Credits: 4
- XSC 2055 - Human Physiology Credits: 4
- XSC 3120 - Kinesiology Credits: 3
- XSC 3150 - Physiology of Exercise Credits: 4

Explorations

Director: Jason Shafer, *Associate Professor, Atmospheric Sciences*

Mission Statement

The Lyndon State College Explorations Program supports first-year students and sophomores who are actively investigating a variety of undergraduate majors and subsequent career options. As students take electives and required General Education courses in the arts, humanities, natural sciences, and social sciences, their assumptions about learning, life, and careers are challenged. Through Explorations, students develop a course of study that fits their needs.

Program Goals

In the Explorations program, students:

- choose just about any courses they want during their first year while exploring various fields of study that interest may interest them
- work with an Explorations mentor who will help them choose courses, explore career explorations, and discover career paths students might not have imagined
- complete many general education requirements while exploring choices of courses and disciplines.
- surround themselves with like-minded students and
- work with faculty mentors who will help define and redefine your interests, skills, and aspirations, and ultimately assist you to choose a major with confidence

During the first year, faculty mentors help students to:

- work with career professionals to help you choose your correct path
- meet with other Explorations students to discuss interests and experiences
- visit with various academic departments and faculty about their offerings
- register for a wide-range of courses that gain you General Education credits

Program Description

The Explorations program is designed to help students select classes and majors that complement their skills and interests. They begin their first semester with a sampler of GEU courses, including a required Math and English course. While fulfilling General Education requirements and keeping students on track to graduate on time, this schedule allows students to experience a wide range of courses and disciplines.

Explorations students, are in good company—nationally, thirty to forty percent of entering college students have not decided on a major and spend their first year exploring their options. After choosing a major, Explorations students move easily into their new program and begin to work with a new advisor.

Other Program Areas

Explorations

This sample schedule is designed to ensure that an Explorations student has the opportunity to sample from the great branches of knowledge so that unexpected interests may be tapped. In the Explorations program, you will use your General Education requirements as a route to exploring a wide range of courses and disciplines.

Best of all, you don't have to worry about falling behind - even if you declare a major in your second year, you will still have plenty of time to complete all the course requirements for your declared major. Furthermore, you are in good company. Nationally, thirty to forty percent of entering college students have not decided on a major course of study. Once you decide on a specific major, you will then step off this path to pursue the specific requirements of that major. At that point, you will also be reassigned to an advisor within your new declared major.

Explorations Core

First Semester - 14 to 16 credits

Writing course (based upon test placement)
Mathematics course (based upon test placement)
General Education Distribution course
Course in an area of interest to the student

Second Semester - 15 -16 credits

Courses chosen in consultation with advisor

Explorations Choice Courses

BUS-2015 Fundamentals of Management in Business *for potential Business majors and Sport Leadership majors*
EDU-2210 Foundations of Education:Elementary and Special Education *for potential Education majors*
ENG-1310 Introduction to Literature *for potential English majors*
ENV-2060 Energy, Environment and Society or GEY-1111 Introduction to Geology or CHE-1031 General Chemistry I *for potential Science majors*
MUS-1030 Music Fundamentals or EJA-1010 Introduction to Media Communication *for potential Music Business and Industry majors*
XSC-2111 Care and Prevention of Injuries *for potential Pre-physical Therapy and Pre-Athletic Training majors*
ART-1011 Drawing I *for potential Design, Visual Arts, Visual Communications, and Animation/Illustration majors*
PSY-1010 Introduction to Psychology or PSY-1050 Human Growth and Development *for potential Human Services or Psychology majors*
MAT-1020 Intermediate Algebra or MAT-1410 Pre-Calculus *for potential Mathematics majors*
ATM-1010 Elementary Meteorology or ATM-1211 Survey of Meteorology I *for potential Atmospheric Sciences majors*
BIO-1211 Introduction to Biology: Ecology and Evolution or BIO-1212 Introduction to Biology: Cells and Genetic Basis *for potential Natural Science majors*
MRM-1080 Leadership and Small Group Dynamics *for potential Recreation Resource and Ski Resort Management majors*
ANT-1030 Introduction to Anthropology or SOC-1010 Introduction to Sociology or SOC-1030 Social Problems or HIS-1011 Western Civilization I or HIS-1020 Comparative Civilizations or POS-1010 Introduction to Political Science *for potential Social Science majors*
EJA-1020 Communications Technology *for potential e-Journalism majors*
XSC-1090 Introduction to Exercise Science *for potential Exercise Science majors*

Liberal Studies

Liberal Studies Coordinator: Daniel Daley, Associate Professor

Program Mission Statement

This degree program recognizes the creative possibilities of the traditional liberal arts and sciences. Its purpose is to assist a student of vision to arrange a course of study designed to illuminate a particular interdisciplinary topic, theme, or concept. In this way, a student may design a major that fits his or her academic and career goals.

The program consists of a total of 47 - 48 credits with 32 credits in a broad multidisciplinary core and 15 - 16 credits in a more focused concentration area.

Program Goals/Learning Outcomes

In providing students with the essential foundation of a liberal arts education across a variety of disciplines, the Liberal Studies program seeks:

- to provide students the opportunity to design a broad-based course of study that focuses on more than one of the traditional Liberal Arts and Sciences disciplines;
- to train students in analytical, interpretive, communicative, and critical thinking skills that are valuable not only in graduate study, but also across a wide spectrum of career fields;
- to serve Education students by providing a Liberal Arts and Sciences background.

Upon completion of the degree requirements, Liberal Studies majors will be able to:

- articulate an appropriate research issue or topic and use appropriate methods and materials to address it;
- demonstrate an understanding of the range and limits of the issue or topic through written work;
- present effectively the findings of that research, including appropriate conclusions;
- demonstrate an understanding of the research project's relevance to the student's overall course of study;
- demonstrate an understanding of the social relevance and broader application of the student's research project.

Program Assessment

Since the Liberal Studies curriculum draws upon courses from many different departments, program assessment will occur primarily through the evaluation of students' LIB 4810 Liberal Studies Thesis projects and through their timely completion of the Vermont State College Graduation Standards. These standards are embedded in selected courses across the curriculum. It is the student's responsibility to make arrangements to complete these standards within his or her concentration area if not met elsewhere.

Associate of Arts

Associate of Arts in General Studies

Program Mission Statement

This program is intended to introduce students to the nature and benefits of college level academic study.

Program Goals

This program is designed to provide the student with a firm and broad base in the liberal arts and sciences and an opportunity to pursue further study in areas of interest at an introductory or intermediate level. The Associate of Arts degree in General Studies is available to all qualified students upon filing a request to graduate prior to the final semester of study. This degree is intended to provide a diploma at the end of two years of college study.

Program Assessment

Students must successfully complete the Graduation Standards established by the Vermont State College System.

Requirements for the Associate of Arts in General Studies

Core: 43 Credits

Completion of General Education for Four-Year Programs: 43 Credits

Elective courses: 19 - 21 Credits

Elective courses must be in addition to, and distinct from, the courses included in the General Education and College Skills course requirements. Courses cannot be counted in both areas.

Minimum required credits for the program: 62

Bachelor of Arts

Bachelor of Arts in Liberal Studies

Minimum required credits for the program: 47 - 48

Requirements for the program

- No more than a total of 6 credits can be taken as Independent Study.
- Co-op, field experience, and practicum credits may not be used for Liberal Studies.
- College Skills courses may not be double-counted for Liberal Studies.
- At most 10 credits may be double counted for General Education Distribution and program requirements.

Students taking Liberal Studies as a second major for Elementary Education should attend to the following points:

- Take MAT 1060 and MAT 2010 to fulfill (or in addition to) the College Skills Mathematics requirements.
- Include an additional MAT class in your course of study, especially if pursuing the Interdisciplinary concentration.
- Include both a literature and a writing class from ENG in your course of study (EDU 3110 may be counted as the literature class).
- Include geography, political science/government, and pre-WWII American history classes in your course of study.

All Liberal Studies students are encouraged to take foreign language courses and SSC 2020 Experience the World as electives to supplement the requirements of the program.

Core: (32 Credits)

- 3 credits from any 1000- or 2000- level CIS, MAT courses
- 6 credits from two different disciplines among any 1000- or 2000-level ARH, ART, FLM, MUS, THA courses (not including MUS 2220, THA 2840, or THA-2845).
- 6 credits from two different disciplines among ENG 1310, any 2000-level ENG, any 1000- or 2000-level HIS, PHI 1010, or any 2000-level PHI.
- 8 credits from two different disciplines among any 1000- or 2000-level lab science from ATM, BIO, CHE, ENV, GEY, and PHY courses.
- 6 credits from two different disciplines among ANT 1030, any 1000- or 2000-level POS, ECO, GEO, SOC or PSY courses (not including PSY 1040, PSY 2270, PSY 2811, and PSY 2812).
- LIB 4810 Liberal Studies Thesis or both EDU 4250 and EDU 4730

Concentrations: (15 - 16 credits)

Fine and Performing Arts

- 15 credits (must include at least nine credits at the 3000- or 4000-level) from ARH, ART, FLM, MUS, THA courses (not including MUS 2220, THA 2840, THA 2845, THA 4210, or THA 4810) or LIB 4801.

Humanities

- 15 credits (must include at least nine credits at the 3000- or 4000-level) from ENG, HIS, or PHI courses, or EDU 3110 (not including PHI-1050) or LIB 4801.

Mathematics and Computer Science

- 15 credits (must include at least nine credits at the 3000- or 4000-level) from CIS or MAT courses or LIB 4801.

Natural Science

- 12 credits (must include at least four credits at the 3000- or 4000-level) from ATM, BIO, CHE, ENV, GEY, PHY, or SCI courses or LIB 4801.
- SCI 4010

Social Science

- 15 credits (must include at least nine credits at the 3000- or 4000-level) from ANT, GEO, POS, SOC, ECO, PSY, or 3000- 4000-level SSC courses (not including PSY 1040, PSY 2270, PSY 2811, PSY 2812, PSY 3080, PSY 3811, PSY 4151, PSY 4720, PSY 4820, PSY 4921, PSY 4922, SSC 4720, or SSC 4740) or LIB 4801.

Interdisciplinary

- 15 - 16 credits (must include at least eight credits at the 3000- or 4000-level) from the concentrations listed above.

Mathematics and Computer Science

James Bozeman, *Professor*

Daniel Daley, *Assistant Professor*

Kevin Farrell, *Professor*

Deborah Hughes, *Associate Professor*

Daisy McCoy, *Professor*

Bachelor of Arts in Mathematics

- **Applied Mathematics**
- **Pure Mathematics**

Bachelor of Science in Computer Information Systems

- **Software Engineering**
- **Information Technology**

Associate of Science in Computing

Licensure in Secondary Education (See: Secondary Education)

Minor: Mathematics

Mission Statement

Mathematics prepares students for a wide range of positions in fields such as teaching, engineering, finance, insurance, investments, social services, government, industry, and higher education. Lyndon State Mathematics students benefit from the individual attention of professors as well as the program's combination of practical and theoretical knowledge. Another mission of the department is to provide quality service to the other academic units of the College.

The Computer Information Systems curriculum prepares students for a diverse ranges of employment in the computing field. Students are exposed to many aspects of the computing field including systems analysis, software development, and computer networking and security. Students learn to use computers to solve problems in a laboratory environment while working both independently and as part of a team.

Bachelor of Art in Mathematics

Program Goals & Description

The department prepares students for a large variety of career opportunities. This goal is supplemented by a curriculum that ensures that each student graduates with both theoretical and applied knowledge in their field. This is accomplished, in part, by the use of technology, which is integrated throughout the curriculum. Graphing calculators and computer software are employed

to help introduce concepts and as an aid in understanding the subject matter. The use of these tools also enables students to learn independently which is an important asset in any future career.

Student Learning Outcomes

Students majoring in mathematics

- will be able to communicate mathematics to others.
- will be able to apply mathematics to any area of study by modeling and solving problems using mathematical tools and technology and will be able to interpret the results.
- will be able to evaluate the accuracy and appropriate use of mathematical statements in the media and in statistical reports.
- will be able to write a convincing proof.
- will be able to recognize a correct proof.

Assessing Student Learning Outcomes

The department's primary method of measuring student achievement levels is through the Senior Seminar. A rubric is used to measure the effectiveness of the department's efforts to enhance student achievement levels on each Student Learning Outcome as presented in the Seminar.

Bachelor of Science in Computer Information Systems and Associate of Science in Computing

Program Goals

The department offers computer science course work leading to a Bachelor's Degree in Computer Information Systems and an Associate's Degree in Computing. Recipients of the A.S. degree might seek employment immediately or they might continue their education. Graduates may seek employment as computer programmers, software engineers, or information technology professionals. The A.S. Degree in Computing can be used to complement a bachelor's degree in another major at Lyndon State College. Typical majors making this choice are in Business, Mathematics, and Atmospheric Sciences.

Student Learning Outcomes

Graduates of the Computer Sciences programs will be able to:

- work skillfully with widely used software applications
- create web sites and/or understand and employ related web applications programs
- apply appropriate computing techniques when analyzing complex problems and creating solutions to these problems
- demonstrate proficiency in a variety of high-level programming languages and paradigms
- create robust computer software solutions
- successfully participate in all areas of the software development lifecycle

Assessing Student Learning Outcomes

All majors are required to complete a portfolio that reflects successful completion of student outcomes.

Associate of Science

Associate of Science in Computing

Minimum required credits for the program: 28

Requirements for the program

- CIS 1090 - Problem Solving with Computers Credits: 3
Advised Term 1st Year
- CIS 2271 - Java Programming Credits: 3
Advised Term 1st Year
- CIS 2032 - C++ Programming Credits: 3
OR CIS 2142 Advanced Visual Basic
Advised Term 2nd Year
- CIS 3050 - Algorithms and Data Structures Credits: 3
Advised Term 2nd Year
- CIS 2330 - Database Systems Credits: 3
Advised Term 1st/2nd Year
- MAT 2021 - Statistics Credits: 3
Advised Term 2nd Year
- CIS 2141 - Programming Internet and Web Applications Part I Credits: 3
Advised Term 2nd Year
- CIS 3110 - Networking Credits: 3
Advised Term 2nd Year
- CIS 2990 - Portfolio Credits: 1
Advised Term 2nd Year

Bachelor of Arts

Bachelor of Arts in Mathematics

Minimum required credits for the program: 49

Requirements for the program

EXPERIENTIAL COMPONENT: Every student will either perform an internship (MAT 3810), student teach (EDU 4850), tutor, and/or make research presentations (MAT 4710).

Note: Majors are encouraged to complete a minor in another discipline or have a supportive area approved by the department. Independent study courses for the major are to be used only under unusual and compelling circumstances. Specifically, students will be limited to one independent study for required mathematics courses and no more than two for the overall major.

Core Courses (31 Credits)

Three (3) credits of a CIS Programming Language Course are required.

Advised Term 1st Year

- PHY 2061 - Classic Physics I Credits: 4
Advised Term 2nd Year
- MAT 1430 - Trigonometry for Calculus Credits: 1
Advised Term 1st Year
- MAT 1531 - Calculus I Credits: 4
Advised Term 1st Year
- MAT 2532 - Calculus II Credits: 4
Advised Term 1st Year
- MAT 2543 - Calculus III Credits: 4
Advised Term 2nd Year
- MAT 2544 - Vector Calculus Credits: 1
Advised Term 2nd Year
- MAT 3130 - Statistical Theory and Applications Credits: 3
Advised Term 2nd Year
- MAT 3210 - Linear Algebra Credits: 3
Advised Term 2nd Year
- MAT 3310 - Introduction to Differential Equations Credits: 3
Advised Term 3rd Year
- MAT 4990 - Senior Seminar Credits: 1
Advised Term 4th Year

Concentration in Applied Mathematics (18 Credits)

- MAT 3730 - Topics in Differential Equations Credits: 3
Advised Term 3rd/4th Year
- MAT 4040 - Complex Analysis Credits: 3
Advised Term 3rd/4th Year
- MAT 4120 - Numerical Analysis Credits: 3
Advised Term 3rd/4th Year

Application Courses (9 Credits)

Students will choose a minimum of three (3) courses, at least two (2) of which must be at the 3000 level or above, from an Applied field or fields to supplement the mathematics core. Such fields and courses include:

- ATM 2020 - Atmospheric Thermodynamics Credits: 3
- PHY 2063 - Classic Physics III Credits: 4
- PHY 3120 - Modern Physics Credits: 4
- ATM 3140 - Physical Meteorology Credits: 3
- ATM 3321 - Atmospheric Dynamics I Credits: 3
- ATM 3322 - Atmospheric Dynamics II Credits: 3
- PHY 4110 - Physics Modules Credits: 1 to 4
- PHY 4530 - Research in Physics Credits: 3 to 6
- ATM 4610 - Mathematical Studies in Atmospheric Sciences I Credits: 1
- ATM 4620 - Mathematical Studies in Atmospheric Sciences II Credits: 1

Concentration in Pure Mathematics (18 Credits)

- MAT 2210 - Sets, Logic, and Proof Credits: 3
Advised Term 2nd Year
- MAT 4060 - Real Analysis Credits: 3
Advised Term 3rd/4th Year
- MAT 4130 - Abstract Algebra Credits: 3
Advised Term 3rd/4th Year

Electives (minimum of 9 credits):

Choose three courses from the following. At least one course must have a MAT designation.

*(*Note that EDU 4025, MAT 3010, and MAT 4140 are required for licensure in Secondary Education.)*

Physics (Calculus based)

Computer Science (CIS 3050 or above)

- EDU 4025 - Methods of Teaching Secondary Mathematics Credits: 3
- MAT 3010 - History of Mathematics Credits: 3
- MAT 3730 - Topics in Differential Equations Credits: 3
- MAT 3810 - Cooperative Field Work Credits: 3 to 12
- MAT 4040 - Complex Analysis Credits: 3
- MAT 4120 - Numerical Analysis Credits: 3
- MAT 4140 - Geometry Credits: 3
- MAT 4710 - Special Studies in Math Credits: 1 to 3

Bachelor of Science

Bachelor of Science in Computer Information Systems

Minimum required credits required for the program: 56 - 69

In addition to the requirements below, students majoring in Computer Information Systems are required to complete MAT 2021, Statistics, as part of their General Education Mathematics requirements.

Core (41 Credits):

- CIS 1050 - Computer Operation Systems and Spreadsheets Credits: 1
Advised Term 1st Year
- CIS 1060 - Introduction to Databases Credits: 1
Advised Term 1st Year
- CIS 1090 - Problem Solving with Computers Credits: 3
Advised Term 1st Year
- CIS 2112 - Computer Hardware & Organization Credits: 3
Advised Term 2nd or 3rd Year
- CIS 2141 - Programming Internet and Web Applications Part I Credits: 3
Advised Term 1st or 2nd year
- CIS 2330 - Database Systems Credits: 3
Advised Term 2nd Year

- CIS 3110 - Networking Credits: 3
Advised Term 2nd or 3rd Year
- CIS 3120 - Programming Internet and Web Applications Part II Credits: 3
Advised Term 2nd or 3rd Year **Credits / Units: 3**
- CIS 3240 - Computer Security Credits: 3
Advised Term 2nd or 3rd Year
- CIS 4120 - Systems Analysis and Design Credits: 3
Advised Term 3rd or 4th Year
- CIS 4810 - Internship in Computer Science Credits: 3
Advised Term 3rd or 4th Year
- MAT 2210 - Sets, Logic, and Proof Credits: 3
Advised Term 3rd or 4th Year
- BUS 2015 - Fundamentals of Management in Business Credits: 3
Advised Term 3rd or 4th Year
- BUS 2080 - Organizational Behavior and Communications in Business Credits: 3
Advised Term 3rd or 4th Year
- CIS 4950 - CIS Capstone Credits: 3
Advised Term 4th Year

Software Engineering Concentration (9 Credits)

- CIS 2032 - C++ Programming Credits: 3
Advised Term 2nd or 3rd Year
- CIS 2271 - Java Programming Credits: 3
Advised Term 2nd or 3rd Year
- CIS 3050 - Algorithms and Data Structures Credits: 3
Advised Term 2nd or 3rd Year

Electives: (6 Credits)

- CIS 2060 - Programming with FORTRAN Credits: 3
Advised Term 2nd or 3rd Year
- CIS 2101 - Introduction to Unix Credits: 1
Advised Term 3rd or 4th Year
- CIS 2142 - Advanced Visual Basic Credits: 3
Advised Term 2nd or 3rd Year
- CIS 2279 - Introduction to Perl Programming Credits: 1
Advised Term 3rd or 4th Year
- CIS 2290 - Introduction to Python Credits: 1
Advised Term 3rd or 4th Year
- CIS 4060 - Advanced Web Tools Credits: 3
Advised Term 3rd or 4th Year

Information Technology Concentration (28 Credits)

- CIS 2032 - C++ Programming Credits: 3
Advised Term 2nd or 3rd Year
- CIS 2101 - Introduction to Unix Credits: 1
Advised Term 2nd or 3rd Year

- CIS 2279 - Introduction to Perl Programming Credits: 1
Advised Term 2nd or 3rd Year
- CIS 2290 - Introduction to Python Credits: 1
Advised Term 2nd or 3rd Year
- CIS 2370 - Help Desk Support Credits: 3
Advised Term 2nd or 3rd Year
- CIS 2850 - System Administration Essentials Credits: 4
Advised Term 2nd or 3rd Year
- CIS 3750 - Cloud Computing Credits: 4
Advised Term 3rd or 4th Year
- CIS 4060 - Advanced Web Tools Credits: 3
Advised Term 3rd or 4th Year
- CIS 4330 - Advanced Networking Credits: 4
Advised Term 3rd or 4th Year
- CIS 4350 - Advanced Computer Security Credits: 4
Advised Term 3rd or 4th Year

Minor

Mathematics Minor

Minimum required credits for the minor: 21

Requirements for the minor

- One programming course Credits: 3
- One math course approved by the department Credits: 3
- MAT 2532 - Calculus II Credits: 4
- MAT 2543 - Calculus III Credits: 4
- MAT 3210 - Linear Algebra Credits: 3
- MAT 3310 - Introduction to Differential Equations Credits: 3

Mountain Recreation Management

Sean Doll, *Assistant Professor*

Benjamin Mirkin, *Assistant Professor*

James Noyes, *Assistant Professor*

Benjamin Rush, *Assistant Professor*

Bachelor of Science in Mountain Recreation Management

-Adventure Leadership

-Mountain Resort Management

Mountain Recreation students have numerous opportunities to add value to their degrees and job opportunities through specialized program choices, including:

Minors/Associate Degree Programs in Other Departments:

- Business Marketing
- Business Administration

- Photography, Criminal Justice, etc.

Certifications:

- Wilderness First Responder
- CPR
- Leave No Trace Master Educator
- Outdoor Emergency Care
- State of Vermont Lift Apprentice Level I

- American Canoe Association (ACA) Levels 1-4

Certificates of Completion:

- Avalanche Level I & II (AIARE)
- Geographic Information Systems (ESRI)

- American Mountain Guides Association (AMGA) Single pitch instructor (SPI) course

Mission Statement

The Lyndon State College Mountain Recreation Management Department inspires critical thinking, personal growth, and professional development in future mountain recreation leaders through the mastery of both technical and interpersonal skills.

Program Goals

The program goals of the Mountain Recreation Management Department bond the three concentrations of Adventure Leadership, Mountain Resort Management, and Recreation Resource Management across a core curriculum. Students who graduate from the program will have:

- strong written and verbal communication skills as well as the ability to design, conduct, and analyze research
- an understanding of the leisure needs and behaviors of diverse populations along with a commitment to community service
- an environmental awareness and appreciation combined with sound resource management skills

- knowledge through applied experiences, problem solving, and the ability to think logically and critically
- individual, group, and organizational leadership skills
- an appreciation for the importance of a sound work ethic

Program Description

The Department offers three concentrations in the baccalaureate program: Adventure Leadership, Mountain Resort Management, and Recreation Resource Management. The concentrations require 38-44 credits of core courses, which include content in: leisure history and philosophy; planning and development of programs and services; management principles and practices; research methods and implementation; recreation resource management policy and practice; leadership applications; and computer skills including both relational and spatial database management. As a part of the core, students participate in a common outdoor education practicum, as well as sophomore field practicum, research projects, and senior internship experiences specific to their concentration.

Student Learning Outcomes

- Upon graduation, recreation majors will be able to: plan, implement, and evaluate a program to meet diverse leisure needs served by the public and private sectors of the recreation industry
- apply appropriate use of current technology for recreation field related problems
- conduct research consistent with the scientific methods to objectively solve problems within the recreation profession

Concentration Requirements and Career Opportunities

The **Adventure Leadership** concentration prepares students for career opportunities as outdoor instructors, ski and climbing guides, expedition leaders, program directors and administrators in wilderness therapy, commercial adventure-based programs, outdoor environmental education centers, college outdoor programs, recreation departments, and other public and private organizations. Classroom experiences provide students with a theoretical understanding of adventure education, experiential learning, program development, risk management, environmental stewardship, and leadership. Field-based courses, practicum, and internship experiences provide students with opportunities to develop the personal characteristics and technical skills necessary for the practice of safe, high quality adventure programs. This program highlights integrated technology, GIS, GPS, mapping & planning, and adventure skills training in rock climbing, ice climbing, mountaineering, backcountry skiing/riding, mountain biking, orienteering, ropes and challenge course facilitation, expedition planning and leadership. Expeditions travel both domestically and internationally as well as use the Green Mountains of Vermont and the White Mountains of New Hampshire as our local learning laboratories.

Mountain Resort Management students embark on their education through introductory courses orienting them to resort operations and functions. They learn about all facets of the mountain resort and how each department functions. As sophomores, students engage in more than 200 hours of field experiences at various resorts throughout Vermont and New Hampshire and begin applying the theories and lessons from their freshman year to real world, field-based applications. Students work side-by-side with industry professionals and attend resort seminars focused on industry trends and issues. During their second and third year, students are also honing their understanding of specifics in the mountain resort industry in courses such as Public Relations and Risk Management. An additional minimum of 450 hours is spent in a senior internship at a resort matching the student's career interests. Students may also choose to graduate with an Associate of Science degree in Business Administration or Marketing. Graduates find careers in diverse functions in both mountain services and mountain operations at resorts throughout the country. After sophomore year, students have the option of selecting courses from either the Mountain Operations or the Resort Management elective groups.

Bachelor of Science

Bachelor of Science in Mountain Recreation Management

Requirements for the program (core plus a concentration)

Core: (35-41 Credits)

MAT 2021, Statistics, is strongly recommended for all Recreation majors to complete the GEU Mathematics requirement.

- MRM 1010 - Leisure and Tourism in Society Credits: 3
Advised Term 1st Year
- MRM 1020 - Problem Solving Techniques Credits: 3
Advised Term Spring 1st Year
- MRM 1080 - Leadership and Small Group Dynamics Credits: 3
Advised Term 1st Year
- MRM 1810 - Outdoor Education Practicum Credits: 3
Advised Term Spring 1st Year
- MRM 2720 - Management Intern Seminar Credits: 1
Advised Term 2nd Year
- MRM 3020 - Program and Event Planning Credits: 3
Advised Term Fall 3rd Year
- MRM 3110 - Public Relations Credits: 3
Advised Term Spring 3rd Year
- MRM 4020 - Management in Mountain Recreation Services Credits: 3
Advised Term 4th Year
- MRM 4740 - Research and Evaluation Capstone Credits: 4
Advised Term 3rd/4th Year
- MRM 4820 - Management Internship Credits: 9 to 15
Advised Term 4th Year

Mountain Resort Management Concentration: (33 Credits)

Minimum required credits for the program: 68

- MRM 1140 - Introduction to Mountain Resort Management Credits: 3
- ENV 1080 - Introduction to Environmental Science Credits: 4
- MRM 2230 - Mountain Resort Software Technologies Credits: 3
- MRM 2841 - Mountain Resort Management Practicum I Credits: 4
- MRM 2842 - Mountain Resort Management Practicum II Credits: 4
- MRM 3050 - Resort Law and Risk Management Credits: 3

Mountain Operations Group

- MRM 2050 - Outdoor Emergency Care Credits: 3
- MRM 2210 - Lift Functions and Maintenance Credits: 3
- MRM 2852 - Snow Maintenance Credits: 3
- MRM 2855 - Summer Mountain Operations Credits: 3

Resort Management Group

- MRM 2050 - Outdoor Emergency Care Credits: 3
- MRM 2855 - Summer Mountain Operations Credits: 3
- ANT 3070 - Ecotourism Credits: 3
- MBI 3330 - Venue Management Credits: 3

Adventure Leadership Concentration: (27 credits)

Minimum required credits for the program: 62

In addition to these courses, students must complete at least eight (8) credits from outdoor skills courses, with a minimum of five (5) credits in one skill area; rock climbing, paddling, ropes course, winter mountaineering/ice/BXC/avalanche.

- MRM 1110 - Adventure Programming I Credits: 3
Advised Term Fall 1st Year
- MRM 2060 - Wilderness First Responder Credits: 3
Advised Term Fall 2nd Year
- MRM 2850 - Adventure Programming II Credits: 4
Advised Term 2nd Year
- MRM 2900 - Outdoor Expedition Credits: 1 to 4
Must take a total of 4 credits
Advised Term 3rd or 4th Year
- MRM 2240 - Backcountry Leadership Credits: 3
- MRM 4750 - Leadership Portfolio Credits: 2

Music and Performing Arts

Joseph Gittleman, *Assistant Professor*

Timothy Saeed, *Assistant Professor*

Brian Warwick, *Assistant Professor*

Bachelor of Science in Music Business and Industry

- Music Management
- Music and Self-Promotion
- Audio Production
- E-Music Composition

Associate of Science in **Music Business and Industry**

Minors: **Music, Theater**

Mission Statement

Lyndon's degree programs in Music and Performing Arts provide students with focused study in an integrated, cross-disciplinary approach that includes creative, practical opportunities for all students regardless of prior performance experience.

Program Goals

Lyndon's degree programs in Music and Performing Arts strive to provide our graduates with the necessary knowledge, experience, and skills to enter their adult lives equipped and prepared for their futures, for their potential careers, and to face the challenges of the current social and financial climate. Lyndon's generous and varied liberal studies curriculum forms the basis for every student's success as Lyndon seeks to educate the whole person. The degree programs in Music and Performing Arts build upon this foundation and attempt to integrate rather than to isolate our subject matter by crossing disciplines and offering a wider view of the professional world than can be found in most traditional performing arts programs.

Program Description

The Music and Performing Arts degree programs at Lyndon give students the opportunity to translate their love of music into a personally meaningful career that can provide a financially stable and artistically rewarding life. The program equips students to meet the demands of the contemporary industry through creative and supportive use of curriculum, technology, and industry partnerships. Students are mentored in all areas of the industry including professional comportment, business acumen, and technical problem-solving skills.

Lyndon's Bachelor of Science degree in Music Business & Industry includes concentrations in Music & Self-Promotion, E-Music Composition, Management, Business, Production, and Radio Operations. These concentrated areas of study provide students with a foundation for success in a variety of career fields both in and outside of the recording studio. Depending upon the chosen concentration, students become familiar with industry concerns such as contract negotiations and copywriting, talent, venue and event management, radio station operations and management, studio production and audio engineering, and music theory and composition.

To provide options for students seeking other paths into the music business, the MPA Department offers three Associate of Science programs. These two-year degrees, which focus primarily on professional study and career preparation, are Audio Production, Music and Self-Promotion, and Music Industry Management. They operate as both a stand-alone degree option for students interested in a two-year program, or as a way to augment a number of four-year programs housed at Lyndon State College.

Student Learning Outcomes

Students in the Music Business and Industry program will demonstrate:

- an awareness of and preparation for the collaborative demands of the music industry;
- an ability to apply in a professional context processes and procedures specific to the music industry; and
- a sophisticated understanding of professional expectations in the music industry.

Program Assessment

General program assessment occurs in consultation with an advisory board of industry professionals and recent alumni, as well as through the NEASC (New England Association of Schools and Colleges) review process. In addition, full time MPA faculty regularly review internship opportunities, monitor job placements and accomplishments of graduates, attend to current trends in the music business, participate in academic and professional conferences, and maintain active involvement in the music industry which allows faculty to stay informed about national and international standards in the field. Student Learning Outcomes are assessed through a variety of capstone projects embedded in senior-level courses required for the program. The department's comprehensive assessment procedures are available on request. The department's comprehensive assessment procedures are available on request.

Acceptance into the Music & Performing Arts Bachelor Degree Programs

Upon completion of the first year of study, students planning to major in Music Business and Industry (MBI) must formally request acceptance into the program. Requirements for acceptance include successful completion of the first year of academic courses (which includes remaining in good academic standing), completion of MBI 1360, "Introduction to the Music Industry" with a minimum grade of C, presentation of a current resume, and an endorsement of the full-time faculty in the department.

Associate of Science

Associate of Science in Music Business and Industry

Minimum required credits for the program: 28-29

Required core courses: (19 credits)

- BUS 2015 - Fundamentals of Management in Business Credits: 3
- BUS 2230 - Principles of Marketing Credits: 3
- MBI 1360 - Introduction to the Music Industry Credits: 3
- MBI 2420 - Artist Management and Development Credits: 3
- MBI 3210 - Music Publishing Credits: 3
or **MBI 4220 Entrepreneurship in the Music Industry** Credits: 3
- MUS 1030 - Music Fundamentals Credits: 3
or **MUS 1041 Class Piano I** Credits: 3
- MUS 2410 - Collaborative Creativity in Music Credits: 1

Choose one Focus Area:

Audio Engineering Focus

9 Credits

- MBI 2170 - Introduction to Audio Engineering Credits: 3
- MBI 2175 - Digital Recording Techniques Credits: 3
- MBI 3180 - Live Sound Reinforcement Credits: 3
or **MBI 3220 Advanced Audio** Credits: 3

Music & Self-Promotion Focus

10 Credits

- MUS 1231 - Music Theory I Credits: 3
 - MUS 2070 - Basic Songwriting Credits: 3
 - MBI 2315 - Record Label Practicum: Production Credits: 2
and **MBI 2325 Record Label Practicum: Marketing** Credits: 2
- or **MUS 3055 Rock & Roll: Form & Style** Credits: 4

Music Management Focus

10 Credits

- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
- BUS 2450 - Business Law Credits: 4
- MBI 3310 - Event Management and Promotion Credits: 3
or **MBI 3330 Venue Management** Credits: 3

Bachelor of Science

Bachelor of Science in Music Business and Industry

Minimum required credits for the program: 56-58

Core: (35 Credits)

- BUS 2015 - Fundamentals of Management in Business Credits: 3
 - BUS 2450 - Business Law Credits: 4
 - EJA 1010 - Introduction to Media Communication Credits: 3
 - MBI 1360 - Introduction to the Music Industry Credits: 3
 - MBI 3210 - Music Publishing Credits: 3
 - MBI 4220 - Entrepreneurship in the Music Industry Credits: 3
 - MBI 4720 - Professional Development Seminar Credits: 3
 - MBI 4810 - Music and Performing Arts Internship Credits: 1-6
 - MUS 1030 - Music Fundamentals Credits: 3
- Note: MUS 1030 is the prerequisite for MUS 1231, MUS 2070, and MUS 3055, required in the Music & Self-Promotion and the E-Music Composition Concentrations. If MUS 1030 is waived by testing, students must choose a replacement course from MUS 1041, MUS 1042, MUS 2280, MUS 1230, MUS 1231, MUS 2342, or MUS 3342.*
- MUS 2410 - Collaborative Creativity in Music Credits: 1 (**Must take 2 Semesters**)

Choose One of the Following:

- MUS 3330 - Worlds of Music Credits: 3
- MUS 3350 - Music of the Americas Credits: 3

Concentrations

Music Management Concentration: (21-22 credits)

- ACC 2121 - Financial Accounting Credits: 4
- BUS 1090 - Business Math Credits: 3
- MBI 2420 - Artist Management and Development Credits: 3
- MBI 3310 - Event Management and Promotion Credits: 3
- MBI 3330 - Venue Management Credits: 3

Choose two of the following:

- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
- BUS 2230 - Principles of Marketing Credits: 3
- BUS 2080 - Organizational Behavior and Communications in Business Credits: 3
- BUS 3240 - Global Business Credits: 3
- MBI 2315 - Record Label Practicum: Production Credits: 2
or **MBI 2325 Record Label Practicum: Marketing** Credits: 3

Music & Self-Promotion Concentration: (22 credits)

- BUS 2230 - Principles of Marketing Credits: 3
- MBI 2420 - Artist Management and Development Credits: 3
- MUS 1231 - Music Theory I Credits: 3
Note: MUS 1231 cannot be double-counted here as a replacement for MUS 1030 in the Core.
- MUS 2070 - Basic Songwriting Credits: 3
- MUS 2430 - Advanced Music Theory & Ear Training Credits: 3
- MUS 3055 - Rock and Roll: Form and Style Credits: 4

Choose 3 credits from:

- MBI 2315 - Record Label Practicum: Production Credits: 2
- MBI 2325 - Record Label Practicum: Marketing Credits: 2
- MUS 1730 - Special Performance Credits: 1
- MUS 2220 - Music Ensembles Credits: 1

Audio Production Concentration: (21-22 credits)

Students in this concentration must take MAT-1020 (Intermediate Algebra) as one of their mathematics General Education requirements, and PHY 2010 (Introduction to Electricity and Electronics) as their LGSE8 category course.

- MBI 2170 - Introduction to Audio Engineering Credits: 3
- MBI 2180 - Studio Production and Maintenance Credits: 3

- MBI 2175 - Digital Recording Techniques Credits: 3
- MBI 3170 - Recording and Post-Production Techniques Credits: 3
- MBI 3220 - Advanced Audio Production Credits: 3
- MBI 4040 - Auditory Perception and Psychoacoustics Credits: 3

Choose one of the following:

- MBI 2315 - Record Label Practicum: Production Credits: 2
and **MBI 2325 Record Label Practicum: Marketing** Credits: 2
- MBI 3180 - Live Sound Reinforcement Credits: 3
- MBI 3710 - Topics in Music Business Industry Credits: 3 *
* Topics courses used for this concentration must be in audio engineering.

E-Music Composition Concentration: (21-22 Credits)

- MUS 1175 - History of Western Music: A Survey Credits: 3
- MUS 1231 - Music Theory I Credits: 3
Note: MUS 1231 cannot be double-counted here as a replacement for MUS 1030 in the Core.
- MUS 2160 - Introduction to Technology in Music Credits: 3
- MUS 2190 - Electronic Music Composition Credits: 3
- MUS 2430 - Advanced Music Theory & Ear Training Credits: 3

Take 3 credits from:

- MUS 1730 - Special Performance Credits: 1
- MUS 2220 - Music Ensembles Credits: 1

Choose one of the following:

- MUS 2070 - Basic Songwriting Credits: 3
- MUS 3045 - Jazz in Theory and Practice Credits: 3
- MUS 3055 - Rock and Roll: Form and Style Credits: 4

In cooperation with Lyndon's Business Department, and in addition to the BS in Music Business & Industry, students are encouraged to pursue one of the following:

Business Minor

Marketing Minor

AS in Business Administration

Minor

Music Minor

Minimum required credits for the minor: 18

Required Courses

- MUS 1030 - Music Fundamentals Credits: 3
- MUS 3330 - Worlds of Music Credits: 3
or **MUS 3350 Music of the Americas** Credits: 3

Electives

Choose 12 credits from the following list:

- MBI 1360 - Introduction to the Music Industry Credits: 3
- MBI 2170 - Introduction to Audio Engineering Credits: 3
- MBI 2175 - Digital Recording Techniques Credits: 3
- MBI 3180 - Live Sound Reinforcement Credits: 3
- MUS 1041 - Class Piano I Credits: 3
- MUS 1175 - History of Western Music: A Survey Credits: 3
- MUS 1231 - Music Theory I Credits: 3
- MUS 2070 - Basic Songwriting Credits: 3
- MUS 2160 - Introduction to Technology in Music Credits: 3
- MUS 2190 - Electronic Music Composition Credits: 3
- MUS 2340 - Class Instruction in Voice Credits: 3
- MUS 2341 - Class Guitar I Credits: 3
- MUS 2430 - Advanced Music Theory & Ear Training Credits: 3

Theater Minor

Minimum required credits for the minor: 18

Required Courses

- THA 1040 - Interpreting Contemporary Dramatic Literature Credits: 3
- THA 1041 - Introduction to Theatre Credits: 3
- THA 2121 - Acting I Credits: 3
- THA 2845 - Stagecraft and Tech Crew Credits: 3

Electives

Choose 6 credits from the following list:

- ENG 3385 - Genre Seminar Credits: 3
- ENG 3545 - Literature and Culture Seminar Credits: 3
- THA 2080 - Theatre Arts in The Dramatic Format Credits: 3
- THA 2122 - Acting II Credits: 3
- THA 2840 - Theatre Performance and Production Credits: 3

- THA 3211 - Directing I Credits: 3

Natural Sciences

Ian Balcom, *Assistant Professor* (Chemistry)

Alan Giese, *Associate Professor* (Biology)

Alison S. Lathrop, *Professor* (Geology)

Benjamin Luce, *Associate Professor* (Physics)

Theresa Conant, *Laboratory Technician*

Bachelor of Science in Environmental Science

Bachelor of Science in Natural Sciences

Bachelor of Science in Sustainability Studies

Pre-Health Professional Curricula

Pre-Nursing Curricula

Minors: Biology, Environmental Chemistry, Geology, Physics (Calculus-Based) and Physics (Non-Calculus Based)

Licensure in Secondary Education (see Secondary Education)

Mission Statement

The Department of Natural Sciences offers students exciting opportunities to engage in hands-on learning about the natural world and sustainable technologies and practices. Our tight-knit community of faculty, staff, and students work collaboratively to produce degrees in Environmental Science, Natural Science and Sustainability Studies. The Department also offers minors in biology, chemistry, physics, and geology, and provides scientific instruction in support of other degree programs at Lyndon.

Our mission is to create highly effective environmental, community, and educational leaders through participatory learning about the natural world and our role in it.

Program Goals

The Department of Natural Sciences offers Bachelor of Science degree programs in Environmental Science, Natural Science, and Sustainability Studies. The goals of the department are to:

- Prepare students for successful careers in the natural and environmental sciences and the field of sustainability, including careers in biological assessment, advocacy, environmental preservation and restoration, bioremediation, renewable energy, sustainable agriculture, energy efficiency, recycling, and other green practices and initiatives.
- Prepare students intending to pursue graduate level studies in the sciences. In particular this means preparing our graduates with both a broad-based education in science, and specialized upper-division course work relevant to their specific area of graduate study interest.

- Prepare our science students with competency in all aspects of laboratory work and safety, and a strong background in the use of current laboratory technology and techniques.
- Provide training for secondary school science teachers by providing a curriculum that allows students to meet state requirements for licensure.
- Provide our students with an exciting, in-depth capstone experience in multidisciplinary, applied research, projects, or internships to deepen their preparation and better prepare them for successful careers in science and sustainability.

Program Description

The requirements set forth in each of the majors are designed to prepare graduates for a wide variety of potential career paths. Central to the design of each of our program's degree tracks is an emphasis on the versatility imparted by a liberal arts education. We strive to prepare students for employment and continued life-long learning. Therefore, the requirements for the science majors integrate direct, hands-on learning with critical and creative thinking oriented education.

Residency Requirement for Science Education Students

Prior to enrolling in Student Teaching, EDU 4850, science education students must fulfill a residency requirement of one year of full-time study within the Department of Natural Sciences. Exceptions may be made for highly qualified candidates.

Program Assessment

As is evident from our goals, our objective is to prepare our students for careers in the environmental sciences, natural sciences, sustainability, science education, and graduate school. In order to evaluate our success in meeting these objectives we invite annual peer review of our program by a panel of external scientists and professionals, and solicit feedback from our graduates. We pay particular attention to our assessment advisory panel's evaluation of our seniors' preparation for employment and/or graduate level programs.

Student Learning Outcomes by Degree Program

Upon graduation, all Natural Science, Environmental Science, and Sustainability Studies students shall be able to:

- Apply the scientific process and critical thinking in problem solving.
- Demonstrate the ability to safely and appropriately use current scientific technology/instrumentation in the lab and field.

In addition, *Natural Science* students will be able to:

- Demonstrate the application of fundamental natural science concepts in the analysis or resolution of a science-based question of interest.
- Conduct original research, organize that research into an original argument, and present that argument in oral and/or written forms.

In addition, *Environmental Science* students will be able to:

- Demonstrate the application of fundamental environmental science concepts in the analysis or resolution of a science-based question of interest.
- Apply appropriate techniques to the analysis of environmental problems.

In addition, *Sustainability Studies* students will be able to:

- Demonstrate knowledge of how ethical, cultural, and political considerations may affect the implementation of sustainability initiatives.
- Demonstrate the application of science-based knowledge in the design of a sustainability initiative.

Pre-Nursing Program

Students who are interested in the pre-nursing program must complete the Lyndon application and submit it to the Lyndon Admissions Office. A recommended course of study will be discussed upon meeting with an academic advisor during the registration process. During the course of the academic year, Lyndon sponsors an information session for all pre-nursing students to introduce the process for transfer into a nursing program.

Bachelor of Science

Bachelor of Science in Environmental Science

Minimum required credits for the program: 75

Requirements for the program

In addition to the following, students majoring in Environmental Science are required to complete MAT 1020 and MAT 2021 for their Mathematics General Education requirement.

Core: (59-62 Credits)

- SCI 1000 - First-Year Seminar in Science and Sustainability Credits: 1
- BIO 1211 - Introduction to Biology: Ecology and Evolution Credits: 4
- BIO 1212 - Introduction to Biology: Cells and Genetic Basis Credits: 4
- BIO 3280 - Environmental Toxicology Credits: 4
- BIO 4040 - Ecology Credits: 4
- CHE 1031 - General Chemistry I Credits: 4
- CHE 1032 - General Chemistry II Credits: 4
- ENV 1080 - Introduction to Environmental Science Credits: 4
- ENV 3070 - Environmental Site Assessment Credits: 2
- GEY 1111 - Introduction to Geology I Credits: 4
- GEY 2112 - Introduction to Geology II Credits: 4
- GEY 3110 - Hydrogeology Credits: 4
- GIS 1050 - Introduction to Fundamentals of Geographic Information Systems (GIS) and Global Positioning Systems (GPS) Credits: 3
- PHY 2031 - Fundamental Physics I Credits: 4
- PHY 2032 - Fundamental Physics II Credits: 4
- SCI 4610 - Senior Seminar Credits: 1
- SCI 4810 - Internship in Environmental Science Credits: 3 to 4
OR
- SCI 4900 - Research in Science Credits: 1 to 4
Students must complete at least 4 credits of SCI 4900, preferably over at least two terms.

Additional Courses: (16 credits)

Choose from among any 3000-4000 level science courses. Exceptions allowing up to 4 credits from 1000-2000 level science courses, or non-science courses, to be counted for program credit will be made on a case-by-case basis.

Recommended Courses for Specialization in Environmental Pollution and Physical Environmental Monitoring

- ATM 1211 - Survey of Meteorology I Credits: 2
- ATM 1212 - Survey of Meteorology II Credits: 3
- BIO 4050 - Watershed Ecology Credits: 4
- BIO 4080 - Introduction to Plant Pathology and Pest Management Credits: 4
- BIO 4320 - Sustainable Food Systems I Credits: 4
- BIO 4330 - Sustainable Food Systems II Credits: 4
- CHE 2020 - Introduction to Environmental Chemistry Credits: 4
- CHE 3050 - Environmental Chemistry Credits: 4
- CHE 3111 - Organic Chemistry I Credits: 4
- CHE 3112 - Organic Chemistry II Credits: 4
- ENV 2040 - Introduction to Environmental Restoration Credits: 4
- ENV 2060 - Energy, Environment, and Society Credits: 4
- ENV 3110 - Environmental Pollution Credits: 4
- ENV 3180 - Ecology & Landscape History of the Green Mountains Credits: 4
- GEY 3035 - Aqueous Geochemistry Credits: 4
- GEY 3040 - Mineral Resources Credits: 4
- GEY 3110 - Hydrogeology Credits: 4
- GEY 4820 - Geologic Evolution: Grand Canyon to Mt. Whitney -- Seminar Credits: 2
- GEY 4830 - Geologic Evolution: Grand Canyon to Mt. Whitney - Expedition Credits: 2
- GEY 4840 - Geologic Evolution: Grand Canyon to Mt. Whitney -- Intensive Credits: 4

Recommended Courses for Specializing in Conservation/Biodiversity/Environmental Assessment:

- BIO 3020 - Field Zoology Credits: 4
- BIO 3120 - Principles of Ornithology Credits: 4
- BIO 3140 - Introduction to Microbiology Credits: 4
- BIO 3220 - Genetics Credits: 4
- BIO 3330 - Field Botany and Dendrology Credits: 4
- BIO 3340 - Advanced Systematic Botany Credits: 4
- BIO 4050 - Watershed Ecology Credits: 4
- BIO 4080 - Introduction to Plant Pathology and Pest Management Credits: 4
- BIO 4210 - Wildlife Biology and Management Credits: 4
- BIO 4320 - Sustainable Food Systems I Credits: 4
- BIO 4330 - Sustainable Food Systems II Credits: 4
- BIO 4720 - Seminar in Conservation Biology Credits: 4
- CHE 2020 - Introduction to Environmental Chemistry Credits: 4

- ENV 2040 - Introduction to Environmental Restoration Credits: 4
- ENV 2060 - Energy, Environment, and Society Credits: 4
- ENV 3180 - Ecology & Landscape History of the Green Mountains Credits: 4
- GEY 3040 - Mineral Resources Credits: 4
- GEY 3110 - Hydrogeology Credits: 4
- GEY 4820 - Geologic Evolution: Grand Canyon to Mt. Whitney -- Seminar Credits: 2
- GEY 4830 - Geologic Evolution: Grand Canyon to Mt. Whitney - Expedition Credits: 2
- GEY 4840 - Geologic Evolution: Grand Canyon to Mt. Whitney -- Intensive Credits: 4

Bachelor of Science in Natural Science

Minimum required credits for the program: 70

Requirements for the program

Students majoring in Natural Science are required to take MAT 1020 and MAT 2021 for their Mathematics General Education requirement.

Core: (42 Credits)

- SCI 1000 - First-Year Seminar in Science and Sustainability Credits: 1
- BIO 1211 - Introduction to Biology: Ecology and Evolution Credits: 4
- BIO 1212 - Introduction to Biology: Cells and Genetic Basis Credits: 4
- CHE 1031 - General Chemistry I Credits: 4
- CHE 1032 - General Chemistry II Credits: 4
- ENV 1080 - Introduction to Environmental Science Credits: 4
- GEY 1111 - Introduction to Geology I Credits: 4
- GEY 2112 - Introduction to Geology II Credits: 4
- PHY 2031 - Fundamental Physics I Credits: 4
- PHY 2032 - Fundamental Physics II Credits: 4
- SCI 4610 - Senior Seminar Credits: 1
- SCI 4900 - Research in Science Credits: 1 to 4

Students must complete at least 4 credits of SCI 4900, preferably over at least two terms.

Additional Courses: (28 credits)

Twenty-eight credits from Natural Science, of which twenty-four must be at 3000 or 4000 level. Up to eight credits may be taken from Atmospheric Sciences at 3000 or 4000 level.

Bachelor of Science in Sustainability Studies

Minimum required credits for the program: 66

Requirements for the program

Students majoring in Sustainability Studies are required to take MAT 1020 or MAT 1060 and MAT 2021 for their Mathematics General Education requirements. Students are strongly advised to complete a minor of their choice.

Core: (47 Credits)

- SCI 1000 - First-Year Seminar in Science and Sustainability Credits: 1
- BIO 1211 - Introduction to Biology: Ecology and Evolution Credits: 4
- CHE 1031 - General Chemistry I Credits: 4
- PHY 2025 - Physics for the Environment Credits: 4
- ENV 1080 - Introduction to Environmental Science Credits: 4
- ENV 2090 - Sustainable Living Credits: 3
- ENV 2060 - Energy, Environment, and Society Credits: 4
- GEY 1111 - Introduction to Geology I Credits: 4
- GEY 2112 - Introduction to Geology II Credits: 4
- BIO 4330 - Sustainable Food Systems II Credits: 4
- SCI 4610 - Senior Seminar Credits: 1
- PHI 2050 - Nature, Science, and Technology Credits: 3
- GIS 1050 - Introduction to Fundamentals of Geographic Information Systems (GIS) and Global Positioning Systems (GPS) Credits: 3
- SCI 4810 - Internship in Environmental Science Credits: 3 to 4
OR
- SCI 4900 - Research in Science Credits: 1 to 4
Students must complete at least 4 credits of SCI 4900, preferably over at least two terms.

Choose at least 19 additional credits of courses from ATM, BIO, CHE, ENV, GEY, PHY, or SCI.

Minor

Biology Minor

Minimum required credits for the minor: 20

Requirements for the minor

- Two 2000-level courses Credits: 8
- Three 3000 or 4000-level courses Credits: 12

Environmental Chemistry Minor

Minimum required credits for the minor: 20

Requirements for the minor

In addition to the courses below, choose at least 4 more credits from any 3000-4000 level CHE offering and/or BIO-3280 (Environmental Toxicology).

- CHE 1031 - General Chemistry I Credits: 4
- CHE 1032 - General Chemistry II Credits: 4
- CHE 3111 - Organic Chemistry I Credits: 4
- CHE 3112 - Organic Chemistry II Credits: 4

Geology Minor

Minimum required credits for the minor: 20

Requirements for the minor

- In addition to the following, any three upper-level geology courses (4 credits each) Credits: 12
- GEY 1111 - Introduction to Geology I Credits: 4
- GEY 2112 - Introduction to Geology II Credits: 4

Physics Minor - Calculus-Based Track

Minimum required credits for the minor: 20

Requirements for the minor

- PHY 2010 - Introduction to Electricity and Electronics Credits: 4
OR
- PHY 2030 - The Universe Credits: 4
OR
- ATM 3140 - Physical Meteorology Credits: 3
- PHY 2061 - Classic Physics I Credits: 4
- PHY 2062 - Classic Physics II Credits: 4
- PHY 2063 - Classic Physics III Credits: 4
- PHY 3120 - Modern Physics Credits: 4

Physics Minor - Non-Calculus Track

Minimum required credits for the minor: 20

Requirements for minor

- PHY 2010 - Introduction to Electricity and Electronics Credits: 4

- PHY 2030 - The Universe Credits: 4
- PHY 2031 - Fundamental Physics I Credits: 4
- PHY 2032 - Fundamental Physics II Credits: 4
- PHY 4110 - Physics Modules Credits: 1 to 4

Other Degrees

Pre-Health Professional Curricula

The department offers a pre-health professional curriculum for students who plan to apply to programs in medicine, dentistry, medical technology and related fields. This curriculum is not a degree program but includes courses typically required by medical and dental schools. Students are advised to find out the exact requirements from the institutions to which they are planning to apply. Admission to these schools is highly competitive and students may benefit from taking additional courses beyond the minimum curriculum suggested below. Although students may apply to professional health schools with a bachelor's degree in any field, it may be to the student's advantage to obtain a degree in the natural sciences. Interested students should consult with their advisors on this and related issues.

Students planning to apply to a medical school should also take two semesters of calculus.

Recommended Curriculum

The following curriculum is recommended for students interested in pre-health studies:

- BIO 1211 - Introduction to Biology: Ecology and Evolution Credits: 4
- BIO 1212 - Introduction to Biology: Cells and Genetic Basis Credits: 4
- CHE 1031 - General Chemistry I Credits: 4
- CHE 1032 - General Chemistry II Credits: 4
- CHE 3111 - Organic Chemistry I Credits: 4
- CHE 3112 - Organic Chemistry II Credits: 4
- PHY 2031 - Fundamental Physics I Credits: 4
- PHY 2032 - Fundamental Physics II Credits: 4
- PHY 2061 - Classic Physics I Credits: 4
- PHY 2062 - Classic Physics II Credits: 4
- PHY 2063 - Classic Physics III Credits: 4

Psychology and Human Services

Rhonda Korol, *Professor*

Margaret Sherrer, *Associate Professor*

Patricia Shine, *Professor*

Meri Stiles, *Associate Professor*

Lori Werdenschlag, *Professor*

Bachelor of Science in Applied Psychology and Human Services

Associate of Science in Human Services

Minors: Psychology, Human Services

Mission Statement

In the Psychology and Human Services Department, we provide students with the coursework and practical field experience that prepare graduates for entry-level human service and psychology positions as well as continued study at the graduate level.

Program Goals

Our program provides students with a solid foundation in psychological and developmental theory along with an emphasis on experiential learning. This is a flexible program which prepares graduates for entry-level human services positions and for success in a variety of graduate programs such as social work, psychology, or counseling.

Program Description

Career Opportunities

Upon graduation, students with a degree in Applied Psychology and Human Services are qualified for positions in a variety of settings including social services agencies, the correctional system, schools, hospitals, and research facilities. Graduates of our program are often employed as behavioral interventionists, substance abuse counselors, child protection case workers, or probation and parole officers. Students are well-prepared for graduate study to pursue careers as guidance counselors, social workers, psychologists, and in related fields such as medicine, nursing, public policy, law enforcement, and business administration.

Unique Program Features

This program emphasizes a strong foundation in theory. Students become well versed in the variety of psychological theories that help to explain human behavior in the social environment. They also develop analytic skills, problem-solving skills, professionalism, and ethical decision making which they can apply to "real-life" problems that arise in the field. Students are challenged to learn about themselves, their strengths, and their areas for continued growth and self-care. A systems perspective, how the larger society impacts their work, is also important. Particular attention is paid to issues of poverty, diversity, and oppression, and how to advocate for social justice in these areas. Students are encouraged to think of themselves as potential leaders in the fields of psychology and human services.

Experiential Learning

As early as sophomore year, students can be placed in the field where they complete 80 hours working in settings such as local elementary or high school guidance counselor offices, a teen drop-in center, or sexual and domestic violence prevention programs. During senior year, a 300-hour internship is completed. Internships take place locally and out-of-state and they have included work at the Department of Corrections, a Vermont Refugee Resettlement Program, camps for children with special needs, and a family outreach program for Vermont veterans. Students often have jobs when they graduate because of the contacts and the professional skills they develop at their internships.

Specialized Coursework

To prepare students for specific career paths, specialized coursework can be chosen in the junior and senior years. Students can select tracks in Child and Adolescent Development, Corrections, Community Mental Health and Substance Abuse, Elder Populations, or General Psychology. For students not ready to specialize, a Generalist Track is available.

Acceptance to the Major

Approval for field work placement is contingent upon the student's academic progress and potential for success in the fields of human services and psychology. Any student who has engaged in unprofessional or unethical practices may not be considered for field work placement, acceptance to the major, or continuation in the program. Prior to the completion of 60 credits students must successfully complete PSY 1040, PSY 2811, PSY 2812 and apply for acceptance to the major. Requirements for acceptance to the psychology major include a 2.3 GPA in Psychology/Human Services courses and a 2.0 GPA overall, satisfactory academic progress in the General Education Program, recommendation of two Psychology and Human Services Department faculty members as well as the development of interpersonal skills necessary for success in the profession.

Student Learning Outcomes

Graduates of the major in Applied Psychology and Human Services will be able to:

- demonstrate an understanding of and be able to articulate the research principles, concepts, and theories of psychology and human services;
- research, synthesize, and apply theory and practice in psychology and human services;
- acquire skills and behavior necessary for obtaining employment and succeeding in the professional world;
- demonstrate knowledge of and adhere to the ethical and legal standards of the fields of psychology and human services.

Program Assessment

The Psychology and Human Services Department assesses its programs in a variety of ways. Surveys are periodically sent to recent graduates, and the responses to the surveys guide program development and curricular change. Graduate school enrollment and job placement of alumni are also used as part of program assessment. Faculty members participate annually at national conferences for human services, psychology, and social work. Participation at such conferences allows faculty to stay informed about national standards and changes in respective fields. Faculty are also involved in research, private practice, and community service, all of which provide insights into the relationship between community needs and our program.

Associate of Science

Associate of Science in Human Services

Minimum required credits for the program: 27

Core: (21 credits)

- PSY 1010 - Introduction to Psychology Credits: 3
Advised Term 1st Year
- PSY 1040 - Human Interaction Credits: 3
Advised Term 1st Year

- PSY 1050 - Human Growth and Development Credits: 3
Advised Term 1st Year
- PSY 2270 - Introduction to Human Services Credits: 3
Advised Term 2nd Year
- PSY 2411 - Introduction to Research Methods Credits: 3
Advised Term 2nd Year
- PSY 2811 - Field Work Credits: 3
Advised Term 2nd Year
- PSY 2812 - Field Work Seminar Credits: 3
Advised Term 2nd Year

Take 6 Credits From:

- PSY 1130 - Introduction to Substance Abuse Credits: 3
- PSY 2120 - Human Sexuality Credits: 3
- PSY 3050 - Child Development Credits: 3
- PSY 3070 - Abnormal Psychology Credits: 3
- PSY 3080 - Macro Perspectives Credits: 3
- PSY 3090 - Lifespan Across Cultures Credits: 3
- PSY 3110 - Aging and Older Adulthood Credits: 3
- PSY 3210 - Perspectives on Death and Dying Credits: 3
- PSY 3260 - Adolescent Development Credits: 3
- PSY 4145 - Responding to Psychological Trauma Credits: 3
- PSY 4150 - Understanding and Working with At-Risk Families Credits: 3
- PSY 4170 - Developmental Psychopathology Credits: 3
- PSY 4180 - Exploring Race & Challenging Racism in the US Credits: 3
- PSY 4215 - Substance-Abuse Treatment Credits: 3

Bachelor of Science

Bachelor of Science in Applied Psychology and Human Services

Minimum required credits for the program: 54

Core: (42 Credits)

Core plus 12 elective credits are required for the program (see below for Focus Options):

- PSY 1010 - Introduction to Psychology Credits: 3
Advised Term - 1st Year
- PSY 1040 - Human Interaction Credits: 3
Advised Term - 1st Year
- PSY 1050 - Human Growth and Development Credits: 3
Advised Term - 1st Year
- PSY 2270 - Introduction to Human Services Credits: 3
Advised Term 2nd Year
- PSY 2411 - Introduction to Research Methods Credits: 3

- Advised Term 2nd Year
- PSY 2811 - Field Work Credits: 3
Advised Term - 2nd Year
- PSY 2812 - Field Work Seminar Credits: 3
Advised Term - 2nd Year
- PSY 3050 - Child Development Credits: 3
OR PSY-3090 Lifespan Across Cultures, OR PSY-3110 Adulthood and Aging, OR PSY-3260 Adolescent Development
Advised Term 2nd or 3rd Year
- PSY 3070 - Abnormal Psychology Credits: 3
Advised Term 2nd or 3rd Year
- PSY 3080 - Macro Perspectives Credits: 3
Advised Term 3rd Year
- PSY 4151 - Counseling Theory & Practice Credits: 3
Advised Term 3rd Year
- PSY 4720 - Senior Seminar Credits: 3
Advised Term - 4th Year
- PSY 4820 - Internship Credits: 6 to 9
Six credits, taken in the same semester, are required for graduation.
Advised Term 4th Year
- OR
- PSY 4921 - Senior Research I Credits: 3
And
- PSY 4922 - Senior Research II Credits: 3
Advised Term 4th Year

Tracks for Applied Psychology and Human Services Majors:

All Applied Psychology and Human Service majors are required to complete four upper-level courses (12 credits) as well as the core courses required for the major. Students must choose one of the following tracks. The upper-level elective(s) for each track should be selected from 3000/4000 level Psychology courses.

General Psychology

MAT 2021 Statistics

PSY 4010 Biopsychology

PSY 4020 Psychological Testing or PSY 3040 Theories of Personality

One additional upper level PSY elective (3 credits)

Child/Adolescent Development

PSY 3050 Child Development OR PSY 3260 Adolescent Development

PSY 4150 Understanding/Working with At-Risk Families

PSY 4170 Developmental Psychopathology

One additional upper level PSY elective (3 credits)

Community Mental Health/Substance Abuse

PSY 1130 Introduction to Substance Abuse

PSY 4215 Substance-Abuse Treatment

PSY 4145 Responding to Psychological Trauma

One additional upper level PSY elective (3 credits)

Elder Populations

PSY 3110 Aging and Older Adulthood

PSY 3210 Perspectives on Death and Dying
PSY 4150 Understanding & Working with At-Risk Families
One additional upper level PSY elective (3 credits)

Generalist

Select four upper level PSY electives. Students should work with their advisor to select courses consistent with individual career goals.

Minor

Human Services Minor

(Available only for students who are not Applied Psychology and Human Services majors)

Minimum required credits for the minor: 18

Requirements for the minor

- PSY - Three credits of Psychology courses - Credits: 3
(excluding PSY 1040, 2811, 2812, 4820, 4921, 4922, and 4720)
- PSY 1010 - Introduction to Psychology Credits: 3
- PSY 1050 - Human Growth and Development Credits: 3
- PSY 2270 - Introduction to Human Services Credits: 3
- PSY 3070 - Abnormal Psychology Credits: 3
- PSY 4151 - Counseling Theory & Practice Credits: 3

Psychology Minor

(Available only for students who are not Applied Psychology and Human Services majors)

Minimum required credits for the minor: 18

Requirements for the minor

- PSY - Twelve credit hours of PSY courses - Credits: 12
nine of which must be at the 3000-4000 level
(excluding PSY 1040, 2811, 2812, 4820, 4921, 4922, and 4720)
- PSY 1010 - Introduction to Psychology Credits: 3
- PSY 1050 - Human Growth and Development Credits: 3

Secondary Education

Secondary Education Faculty in Related Areas:

Alan Giese, *Assistant Professor (Natural Science)*

Daisy McCoy, *Professor (Mathematics)*

Linda Metzke, *Professor, (Education)*
Elaine Razzano, *Professor (English)*
Paul Searls, *Associate Professor (Social Sciences)*

Licensure in Secondary Education

-English

-Mathematics

-Natural Science

-Social Science

Program Mission Statement

The secondary education program is designed to provide students majoring in English, mathematics, science or social science the requisite preparation to be eligible for licensure to teach their content area in grades seven through twelve. The program involves one faculty member from each of the content areas and two members from the Education Department who teach courses specifically for students in the Secondary Education Program.

Program Goals

For students seeking licensure in secondary education, there are four primary goals in the program:

- to obtain the content background appropriate for teaching a content area in grades 7-12
- to explore and model within the content courses a broad range of teaching techniques that would be appropriate in the secondary classroom
- to fulfill all the competencies, both general and content-specific, as required by the Vermont State Department of Education
- to develop a prospective teacher's certification portfolio that demonstrates attainment of all the licensure competencies

Application to the Secondary Education Program

Application to the secondary education program is done in EDU-2025 Introduction to Secondary Education, typically the first course that licensure students take. To remain eligible, a student must:

1. major in one of the four content areas: English, mathematics, science, or social science;
2. have successfully completed EDU-2025 Introduction to Secondary Education;
3. have passed Praxis Core or its equivalent;
4. have achieved a minimum GPA of 2.4 by the end of the candidate's third semester, with a GPA of 2.63 after sixty credits (this GPA must be raised to 3.0 prior to student teaching).

Licensure Criteria

Lyndon State College has been approved by the Vermont State Board of Education to prepare students for secondary school licensure in the following areas: English, Mathematics, Science, and Social Studies. Graduates who are recommended by the college must apply to the State Department of Education for their teaching license. In order to be recommended for a license to

teach secondary school in Vermont (or in the many states that accept Vermont's license), students must successfully complete the following components of the Secondary Education Program:

1. The degree program, with the appropriate concentration if necessary, in their chosen field (English, Mathematics, Natural Science or Social Science);
2. Secondary Education Licensure courses, along with any additional courses required for their chosen field (see course lists below);
3. Student Teaching. Student teaching is the summative experience of the program. Before student teaching, students must have completed at least sixty hours of supervised classroom observation; have completed all other course work in both the degree and licensure programs; and have demonstrated academic competence, as attested either by a 3.0 average (cumulatively and in the degree and in the licensure programs) or, in extraordinary circumstances, by written certification of the Academic Dean. To qualify for student teaching, students must also have permission of the secondary education coordinator in their field. Students applying for Student Teaching must have applied for a criminal background check and successfully complete Praxis Core and Praxis II by the middle of the semester prior to student teaching
4. The Level I Teaching Licensure Portfolio (The portfolio will be completed in accordance with the guidelines of the Vermont State Department of Education and the Lyndon Secondary Education Program; upon completion of the Secondary Education Program, the student will submit his or her portfolio for review by the Secondary Education Portfolio Review Panel and will participate in an interview with the panel. The panel must approve the portfolio for the student to be recommended for licensure.)
5. Have a minimum ranking of "Satisfactory" on the Professional Attributes and Dispositions Assessment.
6. Comply with current State of Vermont regulations regarding skills testing for licensure, including passing the Praxis II in endorsement areas; and
7. Receive a grade of "B" or better in student teaching and receive a positive recommendation from the college supervisor and the cooperating field teacher.

Learning Outcomes

The Secondary Education Program's learning outcomes are outlined in *Regulations Governing the Licensing of Educators and the Preparation of Educational Professional's* general competencies 5235.1 through 5235.16 and endorsement competencies in section 5440.

Through the successful completion of the Level I Teaching Licensure Portfolio, students completing the Secondary Education Program will:

1. demonstrate proficiency in meeting the Five Standards and Sixteen Principles for beginning educators identified by the Vermont Department of Education;
2. demonstrate mastery of the endorsement competencies in the area(s) for which she/he is seeking an endorsement;
3. successfully plan, implement, and assess several weeks worth of instruction in an actual secondary class in the area(s) for which she/he is seeking an endorsement; and
4. demonstrate a commitment to and appropriate disposition towards a career in education through behavior such as attendance, preparedness, active participation, and other behaviors expected of a secondary teacher.

Program Assessment

Secondary Education is an outcomes-based program. A student must document successful completion of learning outcomes through his/her Level I Teaching Licensure Portfolio in order to be eligible for recommendation for a secondary education license. This portfolio contains documentation of all the learning outcomes required by the Vermont Department of Education. Upon completion of all requirements for licensure, the portfolio review panel conducts a formal interview of the candidate. Only after successful completion of this portfolio review is the candidate recommended for licensure.

The Program assesses itself by three surveys: students who have completed the program; classroom teachers who have served as cooperating teachers in the preceding year; and employers of recent graduates.

Finally, the program is assessed by the Vermont State Department of Education's Results Oriented Program Approval process, which includes a site visit by a team who interviews students and reviews the program's institutional portfolio and samples of student portfolios.

Licensure

Secondary Education

Secondary Education Licensure Courses

Psychology and Education Core Courses: (15 credits)

- EDU 2010 - Foundations of Education Credits: 3
Advised Term 1st Year
- EDU 3020 - Educational Psychology Credits: 3
Advised Term 2nd Year
- EDU 3150 - Secondary Teaching Process Credits: 3
Advised Term 2nd or 3rd Year
- EDU 3240 - Literacy Development in the Content Area Credits: 3
Advised Term 3rd or 4th Year
- PSY 3260 - Adolescent Development Credits: 3
Advised Term 2nd Year

Secondary Methods Courses: (18 Credits)

- EDU 4020 - Methods of Teaching Secondary English Credits: 3
Advised Term 4th Year
or **EDU 4025 Methods of Teaching Secondary Mathematics** Credits: 3
Advised Term 4th Year
or **EDU 4030 Methods of Teaching Secondary Social Studies** Credits: 3
Advised Term 4th Year
or **EDU 4040 Methods of Teaching Secondary Science** Credits: 3
Advised Term Spring of 3rd Year
- EDU 4050 - Teaching Diverse Learners: Strategies, Assessment, Law Credits: 3
Advised Term 4th Year
- EDU 4850 - Secondary Student Teaching Credits: 12
Advised Term 4th Year

Content-Area Specific Courses

English:

English Literature and Cultural Studies concentration, including:

- ENG 2540 - Global English: Forms, Roles & Issues Credits: 3

Mathematics:

Pure Mathematics program, including:

- MAT 3010 - History of Mathematics Credits: 3
- MAT 4140 - Geometry Credits: 3

Natural Science:

Natural Science concentration, including:

- SCI 4010 - History of Science Credits: 4

Social Studies:

Social Science concentration, including at least two courses at the 3000 or 4000 level in American History or American Government.

Visual Arts

Robby Gilbert, *Assistant Professor*
Kelly Glentz Brush, *Professor*

David Johnston, *Associate Professor*
Harry Mueller, *Associate Professor*
Philip Parisi, *Assistant Professor*
Barclay Tucker, *Professor*

Bachelor of Fine Arts **in Animation/Illustration**

Bachelor of Fine Arts **in** Graphic Design

Bachelor of Arts **in Cinema Production**

Bachelor of Arts **in** Visual Communications

- Graphic Design & Advertising
- Photography
- Social Media

Associate of Science **in Visual Arts**

Associate of Science **in Visual Communications**

Associate of Science in Photography

Minors: Cinema Production, Photography, and Visual Arts

Mission Statement

A spirited and engaging environment, the Lyndon State College Visual Arts department provides a venue for dynamic self-expression. Our programs challenge students to become adept problem-solvers and to not only expand the breadth of their design, communication, and artistic techniques, but also to enrich their own personal aesthetic. Through an awareness of art history and contemporary visual culture, students develop a context for their own innovative practice and developing visual literacy. Through hands-on coursework that demands original thought, our program stimulates critical thinking and instills a passion for the visual arts.

Program Goals

In the Visual Arts programs, students are prepared with:

- an entry-level portfolio specific to the major
- an ability to use design principles to communicate effectively
- expertise and professionalism in the development process for the visual arts
- competency and creative skills in using animation, graphic design, illustration, and/ or web design software
- an ability to work collaboratively and independently in solving specific design problems

Formal Acceptance into the Major

During the second year of study, students majoring in the B.F.A. in Animation/Illustration and the B.F.A. in Graphic Design are required to complete DES 2950 BFA Portfolio Development. When a student completes BFA Portfolio Development with a passing grade, the student is granted formal acceptance into the B.F.A. major. The B.A. in Cinema Production and the B.A. in Visual Communications do not require formal acceptance into the major.

Student Learning Outcomes:

Bachelor of Fine Arts in Animation/Illustration - Students will demonstrate:

- an ability to work collaboratively and/or independently in solving advanced problems in animation and/or illustration
- an ability to create effective, professional-level animation and/or illustration projects.
- a proficiency in the use of appropriate creative tools for specific animation and/or illustration projects

Bachelor of Fine Arts in Graphic Design - Students will demonstrate:

- an ability to work collaboratively and/or independently in solving advanced problems in graphic design
- an ability to create effective, professional-level graphic design projects
- a proficiency in the use of appropriate creative tools for specific graphic design projects

Bachelor of Arts in Cinema Production - Students will demonstrate

- a proficiency in the skills and techniques of digital filmmaking
- an advanced understanding of the process of filmmaking through pre-production, production, and post-production phases
- a sophisticated appreciation of the history of cinema as a context for original artworks

Bachelor of Arts in Visual Communications - Students will demonstrate:

- an ability to work collaboratively and/or independently in solving advanced problems in visual communications
- an advanced understanding of general aesthetic principles in the context of visual communications
- a proficiency in the use of appropriate creative tools for specific visual communications projects

Associate of Science in Photography - Students will demonstrate:

- an ability to express original ideas using photographic visual practices
- an ability to use a variety of techniques specific to the medium of photography
- a basic understanding of general aesthetic principles in the context of photography
- a knowledge of historical and/or contemporary photographers and photographic genres

Associate of Science in Visual Arts - Students will demonstrate:

- an ability to express original ideas in a visual fashion
- an ability to use a variety of techniques specific to the art medium
- an ability to exhibit artwork following standard conventions
- an awareness of historical and/or contemporary artists or art forms

Associate of Science in Visual Communications - Students will demonstrate:

- an ability to work collaboratively and/or independently in solving basic problems in visual communications
- a basic understanding of general aesthetic principles in the context of visual communications
- a basic ability in the use of appropriate creative tools for specific visual communications projects

Assessment of Student Learning Outcomes

The Visual Arts Department assesses the Student Learning Outcomes in four primary ways. The methods of evaluation correspond to the Student Learning Outcomes for individual majors.

- course evaluations in DES 3111, DES 3112, VID 4060, ART 4170 and 2000/3000-level ART courses
- supervisor evaluations in Internship, Senior Thesis and Design Studio
- senior portfolio presentations in DES 4950
- final project evaluations in DES 1045 and VID 3060

Associate of Science

Associate of Science in Photography

Minimum required credits for program - 28

Foundation Courses (22 credits)

- DES 1020 - Design Credits: 2
- DES 1025 - Image Manipulation Credits: 2
- ARH 2070 - History of Photography Credits: 3
OR any ARH course as approved by advisor
- ART 2301 - Photography I Credits: 3
- ART 2610 - Advanced Digital Photography Credits: 3
- ART 3270 - Advanced Photography Credits: 3
- ART 3260 - Commercial Photography Credits: 3

Choice Courses (6 credits)

Choose two courses from the following:

If also enrolled in a Bachelor's degree program, select two courses that are not required for that degree.

- ARH 3090 - Historical Themes in the Visual Arts Credits: 3
- ART 1410 - Digital Photography Credits: 3
- ART 2115 - Digital Arts Credits: 3
- ART 3060 - Book Arts Credits: 3
- ART 3270 - Advanced Photography Credits: 3
This course may be repeated once for credit.
- ART 2910 - Independent Study in Art Credits: 1 to 3

Associate of Science in Visual Arts

Minimum required credits for the program: 27

Foundation Courses: (6 credits)

- ART 1011 - Drawing I Credits: 3
- ART 1015 - Art Foundations Credits: 3

Studio Courses: (15 credits)

Choose five courses from the following - at least two courses must be at the 3000 level:

- ARH 3090 - Historical Themes in the Visual Arts Credits: 3
- ART 1410 - Digital Photography Credits: 3
- ART 2030 - Decorative Arts Credits: 3
- ART 2115 - Digital Arts Credits: 3
- ART 2121 - Calligraphy I Credits: 3
- ART 2241 - Painting I Credits: 3

- ART 2251 - Sculpture I Credits: 3
- ART 3031 - Life Drawing Credits: 3
- ART 3050 - Painting II Credits: 3
- ART 3210 - Puppetry Credits: 3
- ART 3060 - Book Arts Credits: 3

Art History Courses: (6 credits)

- ARH 2011 - Survey of Western Art I Credits: 3
- ARH 2012 - Survey of Western Art II Credits: 3

Associate of Science in Visual Communication

Minimum required credits for the program: 27

Foundation Courses: (18 credits)

- DES 1020 - Design Credits: 2
- DES 1025 - Image Manipulation Credits: 2
- ART 2020 - Color Theory Credits: 2
- DES 1035 - Digital Illustration Credits: 2
- DES 1015 - Typography Credits: 3
- DES 1045 - Page Layout Credits: 3
- DES 2015 - Web Design I Credits: 4

Media Communications Course: (3 credits)

- EJA 1010 - Introduction to Media Communication Credits: 3

Choice Courses: (6 credits)

Choose two courses from the following:

- ART 1011 - Drawing I Credits: 3
- ART 2301 - Photography I Credits: 3
- ARH 2011 - Survey of Western Art I Credits: 3
- ARH 2012 - Survey of Western Art II Credits: 3
- ARH 3090 - Historical Themes in the Visual Arts Credits: 3
- BUS 2230 - Principles of Marketing Credits: 3
- ENG 2155 - Multimedia Storytelling Credits: 3

Bachelor of Arts

Bachelor of Arts in Cinema Production

Minimum required credits for the program: 55

Core Courses (46 credits)

- ART 1410 - Digital Photography Credits: 3
- CIN 1060 - Cinema Production I Credits: 3
- CIN 2060 - Cinema Production II Credits: 3
- CIN 3060 - Cinema Production III Credits: 3
- CIN 4060 - Cinema Production Workshop Credits: 3
- CIN 4070 - Cinema Production Seminar Credits: 3
- CIN 4080 - Advanced Cinema Workshop Credits: 3
- DES 3110 - Motion Graphics II Credits: 3
- FLM 1055 - Film Analysis and Appreciation Credits: 3
- FLM 2015 - History of Cinema I Credits: 4
- FLM 2025 - History of Cinema II Credits: 4
- FLM 3010 - Auteur Filmmakers Seminar Credits: 4
or **FLM 3610 Film Studies Seminar** Credits: 4
- FLM 4010 - Theory of Cinema Credits: 4
- THA 1041 - Introduction to Theatre Credits: 3

Choice Courses (9 credits)

Choose three courses from below or selected courses with advisor approval:

- ARH 2070 - History of Photography Credits: 3
- ART 2301 - Photography I Credits: 3
- ART 3270 - Advanced Photography Credits: 3
- ART 4170 - Visual Narrative Credits: 3
- ENG 3110 - Creative Writing Workshop Credits: 3
- ENG 3145 - Writing Narrative: Form and Theory Credits: 3
- ENG 4080 - Advanced Creative Writing Workshop Credits: 3
- FLM 3320 - Film and Culture Seminar Credits: 3
- FLM 4810 - Internship in Film Studies Credits: 2-15
- MBI 2170 - Introduction to Audio Engineering Credits: 3
- MBI 3170 - Recording and Post-Production Techniques Credits: 3
- MBI 3210 - Music Publishing Credits: 3
- PHI 3065 - Philosophy of Film and Television Credits: 3
- PHI 3140 - Art Theory and Criticism Credits: 3
- THA 1040 - Interpreting Contemporary Dramatic Literature Credits: 3
- THA 2080 - Theatre Arts in The Dramatic Format Credits: 3
- THA 2121 - Acting I Credits: 3
- THA 3211 - Directing I Credits: 3

Bachelor of Arts in Visual Communications

Minimum required credits for program - 54

Concentrations in Graphic Design & Advertising, Photography, and Social Media. Complete all core courses and one concentration.

Core Courses (36 credits)

- ART 1011 - Drawing I Credits: 3
Advised Term 1st Year
- DES 1015 - Typography Credits: 3
Advised Term 1st Year
- DES 1020 - Design Credits: 2
Advised Term 1st Year
- DES 1025 - Image Manipulation Credits: 2
Advised Term 1st Year
- ART 2020 - Color Theory Credits: 2
Advised Term 1st Year
- DES 1035 - Digital Illustration Credits: 2
Advised Term 1st Year
- ART 2301 - Photography I Credits: 3
Advised Term 2nd Year
- DES 1045 - Page Layout Credits: 3
Advised Term 2nd Year
- DES 2015 - Web Design I Credits: 4
Advised Term 2nd Year
- ENG 2085 - Public Relations, Advertising, and Marketing Credits: 3
Advised Term 2nd Year
- BUS 2230 - Principles of Marketing Credits: 3
Advised Term 3rd Year
- ART 3260 - Commercial Photography Credits: 3
Advised Term 3rd Year
- ART 4611 - Senior Thesis I Credits: 3
Advised Term 4th Year

Photography Concentration (18 credits)

- ARH 2070 - History of Photography Credits: 3
Advised Term 2nd Year
- ART 2610 - Advanced Digital Photography Credits: 3
Advised Term 3rd Year
- ART 3270 - Advanced Photography Credits: 3
Advised Term 4th Year

Select two (2) courses from the following:

- BUS 3272 - Social-Media Marketing Credits: 3
- BUS 3160 - Sales Management and Selling Credits: 3
- DES 3111 - Print Production Credits: 3

Graphic Design & Advertising Concentration (18 credits)

One (1) 3-credit ARH course as approved by advisor

Advised Term 2nd Year

- DES 3111 - Print Production Credits: 3
Advised Term 3rd Year
- DES 3150 - Package Design Credits: 3
Advised Term 3rd Year
- BUS 3272 - Social-Media Marketing Credits: 3
Advised Term 4th Year

Select two (2) courses from the following:

- BUS 3160 - Sales Management and Selling Credits: 3
- DES 4020 - Advanced Typography Credits: 3
- ENG 3080 - Strategic Media Communications Credits: 3

Social Media Concentration (18 credits)

- BUS 3272 - Social-Media Marketing Credits: 3
Advised Term 4th Year
- DES 4050 - Designing for Social Media Credits: 3
Advised Term 4th Year

Select two (2) courses from the following:

- BUS 3160 - Sales Management and Selling Credits: 3
- ENG 2155 - Multimedia Storytelling Credits: 3
- ENG 3080 - Strategic Media Communications Credits: 3

Bachelor of Fine Arts

Bachelor of Fine Arts in Animation/Illustration

Minimum required credits for the program: 75 credits

Core Courses: (52 credits)

- ARH 2011 - Survey of Western Art I Credits: 3
- ARH 2012 - Survey of Western Art II Credits: 3
- ARH 3080 - History of Animation and American Illustration Credits: 3
- ART 1011 - Drawing I Credits: 3
- ART 2020 - Color Theory Credits: 2
- ART 2045 - 3D Modeling Credits: 3
- ART 2070 - Introduction to Animation Credits: 3
- ART 2270 - Introduction to Illustration Credits: 3
- ART 2530 - Intermediate Illustration Credits: 3
or **ART 3085 3D Animation** Credits: 3
- ART 3020 - Digital Painting Credits: 3
- ART 3031 - Life Drawing Credits: 3 (*must be taken twice*)
- ART 3070 - Advanced Illustration Credits: 3

or **ART 4175 Advanced 3D Animation** Credits: 3

- DES 1020 - Design Credits: 2
 - DES 1025 - Image Manipulation Credits: 2
 - DES 1035 - Digital Illustration Credits: 2
 - DES 2010 - Motion Graphics I Credits: 2
 - ENG 2140 - Introduction to Writing Fiction Credits: 3
 - ENG 2535 - Genre Survey Credits: 3
- or **ENG 2545 Literature and Culture Survey** Credits: 3

Formal Acceptance into the Major: (2 credits)

- DES 2550 - BFA Seminar Credits: 1
- DES 2950 - BFA Portfolio Development Credits: 1

Choice Courses: (6 credits)

Choose 6 credits from:

- ART 2055 - Onsite Sketching Credits: 3
- ART 2241 - Painting I Credits: 3
- ART 3160 - Character Design Credits: 3
- ART 4170 - Visual Narrative Credits: 3
- DES 3110 - Motion Graphics II Credits: 3
- ENG 3110 - Creative Writing Workshop Credits: 3

Studio Courses: (12 credits)

Choose 12 credits from:

- ART 3415 - Animation Illustration Workshop I Credits: 3
- ART 3515 - Animation Illustration Workshop II Credits: 3
- ART 4415 - Animation Illustration Workshop III Credits: 3
- ART 4515 - Animation Illustration Workshop IV Credits: 3
- ART 4820 - Animation Illustration Internship Credits: 1-15
Note: only 3 credits of ART 4820 may be used to satisfy program requirements

Capstone Course: (3 credits)

- DES 4950 - Design Portfolio Credits: 3

It is strongly recommended that Animation/Illustration students take BIO 2011, XSC 2050, PHY 2031, or PHY 2061 for the LGSE8 GEU requirement.

Bachelor of Fine Arts in Graphic Design

Minimum required credits: 76

Core Courses: (29 credits)

- ART 1011 - Drawing I Credits: 3
- ART 2020 - Color Theory Credits: 2
- DES 1015 - Typography Credits: 3
- DES 1020 - Design Credits: 2
- DES 1025 - Image Manipulation Credits: 2
- DES 1035 - Digital Illustration Credits: 2
- DES 1045 - Page Layout Credits: 3
- DES 2010 - Motion Graphics I Credits: 2
- DES 2015 - Web Design I Credits: 4
- DES 3111 - Print Production Credits: 3
- DES 3112 - Web Production Credits: 3

Formal Acceptance into the Major: (2 credits)

- DES 2550 - BFA Seminar Credits: 1
- DES 2950 - BFA Portfolio Development Credits: 1

Art History Courses: (9 credits)

- ARH 2011 - Survey of Western Art I Credits: 3
- ARH 2012 - Survey of Western Art II Credits: 3
- ARH 3090 - Historical Themes in the Visual Arts Credits: 3
or **PHI 3140 - Art Theory and Criticism**
or Any 2000 or 3000 level ARH course

Choice Courses - Select One Group: (6 credits)

- ART 2301 - Photography I Credits: 3
- ART 3270 - Advanced Photography Credits: 3
OR
- ART 2270 - Introduction to Illustration Credits: 3
- ART 2530 - Intermediate Illustration Credits: 3
OR
- CIN 1060 - Cinema Production I Credits: 3
- CIN 2060 - Cinema Production II Credits: 3
OR
- CIS 3120 - Programming Internet and Web Applications Part II Credits: 3
- CIS 4060 - Advanced Web Tools Credits: 3

Advanced Courses: (21 credits)

- DES 3030 - e-Commerce Fundamentals Credits: 3

- DES 3110 - Motion Graphics II Credits: 3
- DES 3115 - Web Design II Credits: 3
- DES 3150 - Package Design Credits: 3
- DES 4010 - Branding Credits: 3
- DES 4020 - Advanced Typography Credits: 3
- DES 4030 - Advanced Design Credits: 3

Capstone Courses: (9 credits)

- DES 4950 - Design Portfolio Credits: 3

Choose 6 credits from:

- DES 4550 - Design Studio Credits: 3 *Note: may be repeated for credit*
- DES 4810 - Design Internship Credits: 1-6 *Note: may be repeated for credit*

Minor

Cinema Production Minor

Minimum required credits for the program: 18-20

Core Courses: (9 credits)

- FLM 1055 - Film Analysis and Appreciation Credits: 3
- CIN 1060 - Cinema Production I Credits: 3
- CIN 2060 - Cinema Production II Credits: 3

Choice Courses: (9-11 credits)

Choose three courses from:

- CIN 3060 - Cinema Production III Credits: 3
Note: CIN 3060 is highly recommended
- CIN 4060 - Cinema Production Workshop Credits: 3
- FLM 2015 - History of Cinema I Credits: 4
- FLM 2025 - History of Cinema II Credits: 4
- FLM 3010 - Auteur Filmmakers Seminar Credits: 4
- FLM 3610 - Film Studies Seminar Credits: 4
- FLM 3320 - Film and Culture Seminar Credits: 3
- FLM 4010 - Theory of Cinema Credits: 4
- MBI 3170 - Recording and Post-Production Techniques Credits: 3
- PHI 3065 - Philosophy of Film and Television Credits: 3
- PHI 3140 - Art Theory and Criticism Credits: 3
- THA 1041 - Introduction to Theatre Credits: 3
- THA 2080 - Theatre Arts in The Dramatic Format Credits: 3

Photography Minor

Minimum required credits for the minor: 19

Complete the foundation courses and choice courses. Choice courses cannot double-count for requirements in other Visual Arts programs.

Foundation Courses: (10 Credits)

- ART 2301 - Photography I Credits: 3
- ART 3270 - Advanced Photography Credits: 3
- DES 1020 - Design Credits: 2
- DES 1025 - Image Manipulation Credits: 2

Choice Courses: (9 Credits)

Take three (3) of the following courses:

- ART 1410 - Digital Photography Credits: 3
- ART 2115 - Digital Arts Credits: 3
- ARH 2070 - History of Photography Credits: 3
- ART 2610 - Advanced Digital Photography Credits: 3
- ART 3260 - Commercial Photography Credits: 3

Visual Arts Minor

Minimum required credits required for the minor: 18

Foundation Courses: (6 credits)

- ART 1011 - Drawing I Credits: 3
- ART 1015 - Art Foundations Credits: 3

Choice Courses: (12 credits)

Choose four courses from the following:

- ARH 2011 - Survey of Western Art I Credits: 3
- ARH 2012 - Survey of Western Art II Credits: 3
- ART 1410 - Digital Photography Credits: 3
- ART 2030 - Decorative Arts Credits: 3
- ART 2115 - Digital Arts Credits: 3
- ART 2121 - Calligraphy I Credits: 3
- ART 2241 - Painting I Credits: 3
- ART 2251 - Sculpture I Credits: 3
- ART 3031 - Life Drawing Credits: 3

- ART 3050 - Painting II Credits: 3
- ART 3060 - Book Arts Credits: 3
- ART 3210 - Puppetry Credits: 3

Student Handbook

Click on a link to be taken to the entry below.

- College Food Services
- Public Safety Information
- Parking and Vehicle Registration
 - General
 - Parking Violations
 - Violations and Fines
 - Loss of Privileges
 - Appeals
 - Towing Policy
 - Student Identification Cards
 - Lockers
 - Automated Teller Machine
- Emergency Information
 - Protocol for a Student Medical Emergency on Campus
 - Campus Emergency Evacuation Plan
 - Bomb Threats Only
 - Violent Incidents
 - Missing Student Procedures
- Campus Communications
 - Network and Email Connection
 - Cancelled Classes
 - Modes of Communication on Campus
- Student Activities
- Athletics
- Intramurals
- S.H.A.P.E.

College Food Services

The snack bar and dining hall are operated by Sodexo Food Services. The Hornet's Nest Snack Bar is located on the second floor of Vail. This informal eating spot is open weekdays and evenings. On the weekends that school is in session, the snack bar is open for evening food service. Students may bring their own meals and eat them at the tables in the snack bar area.

The Thaddeus Stevens Dining Hall is located in its own building between the Stonehenge residence halls and the Library and Academic Center. Vegetarian and heart-healthy options are regularly available along with salads, sandwiches, pasta, and main-dish choices. Meals are served daily while classes are in session and for special occasions such as orientation, athletic camps, and summer programs. Special meals are offered to celebrate selected holidays and to add variety. A brochure about meal plan options, cost and use of the dining hall is available in the Student Affairs Office (Rita Bole 304) or the dining hall.

To utilize their meal plan, students must present their current student ID. If an ID card is lost, it must be reported immediately to the Director of Public Safety. A charge of \$25.00 is assessed for the replacement of the lost card. The dining hall is closed other than for listed service hours. Food may not be taken from the dining hall unless approved by the Food Service Director. Students

on a meal plan who must miss a meal for classes, sports, or other college-sanctioned events may obtain a box meal. Notify the staff in the dining hall at least one day before this option is needed.

[Click here](#) for the Lyndon State Dining website.

Public Safety Information

Please refer to the following link for information from the Department of Public Safety- [click here](#)

Parking and Vehicle Registration

General

These regulations have been established to protect the safety of faculty, staff, students and visitors and to control motor vehicle traffic and parking on campus so that college business may be conducted in an orderly manner. Parking or driving a motor vehicle on the LSC campus is a privilege and the owner and/or operator is responsible for seeing that his/her vehicle is neither operated nor parked in violation of these regulations or any regulations/laws of the state.

Every member of the campus community (faculty, staff and students) must register any motor vehicle they park on college property. Student registration is done through the Public Safety Office and you are required to register your vehicle yearly (registrations are valid September 1 through August 31st). New, and renewal of, registrations must be done within the first two weeks of the semester. A vehicle is considered registered only when a current valid parking permit for that vehicle is properly displayed in the lower right side of the windshield (permit colors change yearly to ensure that a vehicle is currently registered). Vehicles on campus without a parking permit may receive a ticket and a fine. Additional information regarding vehicle registration, including if you change vehicles, can be provided by the Public Safety Office via e-mail. Also, their office is open 24/7, year round. This regulation will be enforced at all times. Faculty/Staff parking permits do not expire and the same permit is valid year after year. If the permit is transferred to a new vehicle, please notify Public Safety with the new vehicle information.

College parking and traffic restrictions are indicated by these regulations and/or signs, street markings or curb markings. The issuance of a parking permit does not guarantee a parking space. Lack of space is not considered a valid excuse for a violation of the parking regulations.

It is the responsibility of all faculty, staff and students operating a motor vehicle on campus to learn and obey these parking and traffic regulations. Specific questions relating to these regulations may be directed to the Public Safety Office.

The registrant is held responsible for any violation involving the registered vehicle (or the person who is responsible for registering the vehicle if it is not registered) when he/she is operating the vehicle or when another individual is using the vehicle. Students are responsible for parking infractions involving cars driven by those coming to visit them on the college campus. For additional information on parking and Lyndon State College safety practices you should refer to the LSC Public Safety web page.

Parking Violations

All parking and traffic violations are enforced by the Lyndon State College Public Safety Department. If a fine is not paid or an appeal not filed within seven working days from the date of the violation, the registrant will be liable for the fine. Fines must be paid in the Student Services Office. If the fine is not paid or an appeal is not filed in the seven day period, the fine is automatically added to the students account. The following is a list of some of the policies and violations.

Loss of Privileges

Flagrant violations of college parking and traffic regulations may result in loss of privileges to operate or park a motor vehicle on the campus. Reckless driving may result in a hearing and the hearing officer will determine any penalty. Cases maybe referred to the proper law enforcement agency. Please note that the third ticket you receive may result in towing and loss of parking privileges on campus.

Appeals

An appeal for any penalty prescribed by these regulations must be made within seven working days following the date of violation by submitting a written appeal to the Lyndon State College Public Safety Office. This can be done by stopping by the Public Safety Office to complete an Appeal Form or sending your own written appeal through the inter-office or United States mail. If a fine is not paid or an appeal not filed within seven days from the date of the violation, the registrant will be liable for the penalty, and it will be charged to the student account with the Business Office. All fines and parking tickets must be paid in the Student Services Office.

Towing Policy

The college reserves the right to remove or impound any vehicle found on campus that is parked in a driveway, fire lane, or interior campus, blocking a loading dock or trash dumpster or parked in such a way as to constitute a hazard to vehicular and pedestrian traffic or to the movement or operation of emergency equipment. The owner will be responsible for the costs involved in removing or impounding and storing the vehicle. The paved area around the sculpture north of ATT are designated fire lanes to be clear of vehicles at all times and as interior campus roads. Interior campus is the portion of campus inside of the security gates.

Student Identification Cards

Photo IDs are issued during new student orientation each semester. With it, students may gain admission to movies, plays, dances, athletic events and other college programs. It also is used for borrowing materials from the library, cashing checks in the bookstore and gaining access to assigned residence halls. Students who purchase a meal plan will also use the card in the dining hall and snack bar. The identification card is an official document and it is nontransferable. The card is to be carried at all times while on campus and is to be shown at the request of authorized college personnel (e.g., Public Safety, Student Affairs and Residential Life staff and college administrators). Failure to present the card when requested is a violation of the school rules and subjects the holder to disciplinary action. The fee for replacement of a lost ID card is \$25. Broken ID cards will be replaced at no charge.

Lockers

If you use the lockers in the Vail first floor hallway and Harvey Academic Center you will have to register the locker number and your name at the Public Safety Office. If there are any questions, please contact the Public Safety Office at ext. 6452.

Automated Teller Machine (ATM)

An automated teller is located in the lobby near the Student Center in Vail Hall. This machine is limited to cash-dispensing functions and cannot accept deposits or other types of transactions. There are no fees for cash withdrawal from Passumpsic Savings Bank accounts; however a transaction fee is assessed for withdrawals from accounts at other banks. Students may also cash checks at the college bookstore (see College Bookstore section).

Emergency Information

Protocol for a Student Medical Emergency on Campus

- If life threatening: Call for ambulance 911 or 9-748-3111. Call Public Safety at ext. 6452.
- For non-life-threatening medical emergencies: Contact Health Services, ext. 6440. After business hours, contact the emergency room at Northeast Vermont Regional Hospital 748-8141 or Northeast Kingdom Mental Health 748-3181. You should also contact the Director of Residential Life, ext. 6417, or the Dean of Student Affairs, ext. 6418.
- Important Phone Numbers:
 - Ambulance, Fire, State police - 911 or 748-3111
 - Health Services - ext. 6440
 - George Hacking, Director of Public Safety - ext. 6452
 - Jonathan Davis, Dean of Student Affairs - ext. 6418

Campus Emergency Evacuation Plan

In the case of an evacuation from a campus building, please-

- Bring/wear clothing appropriate for the elements
- Walk, don't run, to the nearest exit.
- Quickly check in rooms located adjacent to your room and coordinate assistance IF necessary. Assist individuals with disabilities in exiting the building and locating designated safe areas.
- Do NOT use elevators!
- Use posted evacuation routes to designated assembly areas
- Stay near the floor if air is toxic, be alert for hazards, move quickly and quietly
- Remain calm. Stay with your group until further instructions are received.
- Designated persons will check bathrooms, elevators, basement and other common areas

For students notified that they will be evacuated for an extended amount of time from their residence hall, they should consider bringing the following items with them:

- Medications
- Glasses/Contacts
- A change of clothes
- Toiletries
- Flashlights/batteries
- Cell phone and charger
- Important documents (credit cards, driver's license, etc)
- Blanket/pillow
- Toiletries
- Food/beverages
- First aid kit
- Hand wipes
- Water
- Cash (with no power credit cards can be rejected and ATMs may not be operational)

Bomb Threats Only

There will be no use of elevators, two-way radios, cell phones or fire alarms to evacuate the buildings, as these mechanisms could activate a bomb. When an occurrence time is known, the building will be evacuated until at least one hour past the known time, as a safety margin. The Coordinator of Public Information will prepare the appropriate temporary signs for the building(s) affected.

Only trained personnel will do bomb searches. If an occurrence time is not known, no search will be done. If an occurrence time is known and a decision is made to search, the searcher(s) will leave the building at least one hour before the known occurrence time. If the area to be searched is too large to be accomplished in the known time (minus one hour), no search will be done. The threatened building(s) will be locked after evacuation to discourage unauthorized entry. Building lock-up is the responsibility of the Director of Public Safety, the Director of Physical Plant, the Maintenance/Custodial staff and the Residential Life staff.

Violent Incidents

Individuals faced with deciding what to do in the face of a violent attack should take the following responses into consideration and then use the information available to make a personal decision concerning which response to choose.

If you see or know that a person has a firearm on campus, or if you hear shots fired on campus, or if you witness an armed person shooting people (active shooter), the following actions are recommended:

- Exit the area immediately if it is safe to do so.
 - Notify anyone you may encounter to exit immediately.
 - Evacuate to a safe indoor location away from danger. If possible, go to another campus building. It may be necessary to leave the campus.
- 4) Call 911 and provide the following information:
- Your name
 - Location of the incident (be as specific as possible).
 - Number of shooters (if known).
 - Identification or description of shooter.
 - Number of persons involved.
 - Your location.

If you are directly involved in an incident and exiting the area is not possible, the following actions are recommended:

- All students, faculty, staff and visitors should leave the area if possible, and if not should move into or stay inside building.
 - Close and move away from all windows and doors. Lock doors if possible.
 - If you cannot lock the door, use desks, chairs, door stops or other items to barricade the door.
 - Try to cover the door windows or block the view inside the room.
 - Physically protect yourself from harm
- 5) Call 911 and provide the following information:
- Your name
 - Location of the incident (be as specific as possible).
 - Number of shooters (if known).
 - Identification or description of shooter.
 - Number of persons involved.
 - Your location

- 6) Remain quiet and act as if no one is in the room.

Do not answer the door.

Wait for police or Public Safety to assist you out of the building. When police arrive, raise your arms and show empty hands.

Follow their instructions.

Be mindful that violent attacks can involve any type of weapon, not only a gun. Knives, blunt objects, physical force, or explosives can be just as deadly as a handgun; the suggestions listed here would be applicable in any violent encounter.

Missing Student Procedures

Lyndon State College maintains on-campus housing facilities and, therefore, a policy and procedures for investigating reports of missing students. It is the policy of Lyndon State College Public Safety to immediately investigate reports of missing students, regardless of the student's age, or the length of time they have been reported missing, when it has been reported that the person's last known whereabouts involves our campus.

Lyndon State College requires all students living on campus in an on-campus student residence hall be required to register a contact person to be notified in the case that student's family needs to be contacted in the event of an emergency which includes being reported as "missing."

It is Campus Public Safety policy to notify a missing student's parents or guardians of a missing student if the student is under 18 years of age and not emancipated. Campus affiliates receiving an initial report of a missing student are to report the information to Campus Public Safety or the local police immediately. Campus Public Safety officers will follow the missing persons protocol located on file in the Campus Public Safety Office upon receiving an initial report.

Campus Communications

Network and Email Connections

Residence hall rooms are equipped with connections to the college network. Information on establishing these connections is distributed by Student Affairs and Information Technology Services at orientation and through their offices. All students may use campus Internet and e-mail resources in the 24-hour computer lab, in the Library and Academic Center and in the computer classrooms. All students are required to check their LSC e-mail.

Cancelled Classes

Class cancellations are listed on a recording. Call 626-6767 for a listing of cancellations. Snow-day information is also available at this number.

- WSTJ/WKXH 1340/105.5 (St. Johnsbury)
- WGMT 97.7 (Lyndonville)
- WIKE 1490AM (Newport)
- WDEV 96.1FM/550AM (Waterbury)
- WLVB 93.9 (Morrisville)
- WLTN 96.7 (Littleton)
- WWLR 91.5 (LSC station)

Modes of Communication on Campus

- Mass e-mails can be sent out to all students, informing them of club events and activities that are planned. Banners, paper and markers can be signed out from the Student Activities Office; then the banners are hung in the ATT lobby. Bulletin boards are available for almost every club on campus, which they are responsible for keeping up-to-date. There are also other general boards that can be used to post notices.

- The Buzz is a weekly newsletter which has the schedule and description of weekly student activities and is published by the Student Activities Office. The Buzz can be found in the student center and at campus distribution points. The Critic is the college student newspaper. It is published periodically during the academic year and is available in the student center and at campus distribution points. WWLR, the student-run FM radio station, is powered by a 3000-watt transmitter and serves the college and the neighboring community. Broadcasts include varied programs of music, news, sports, weather and ski reports, and special features.
- LSC-TV is a college-based live newscast featuring LSC students as anchors, reporters, producers, writers, meteorologists, photographers, editors and technicians. Student reporters and photographers travel the Northeast Kingdom covering scheduled and breaking news. LSC-TV is a CNN affiliate and is broadcast live on Charter Communications, Channel 7.
- NewsNet provides a schedule of news and events at LSC and in the surrounding community. NewsNet is published by the Institutional Advancement Office and is available on the LSC website.
- Telephone - The college operates its own switch and voice-mail system. Every campus office and residence hall room has its own direct dial phone number. The college provides local and on-campus service to each student living in a residence room. Voicemail is available for residential students upon request to a RA or RHD.
- Poster and Chalking Policy - In order to enhance communication regarding events and programs on campus, the following poster policy has been established. The intent of this policy is to curtail abuse and ensure that everyone has equal access to the bulletin board locations. This includes, but is not limited to posters in the traditional sense, table tents, banners, and fliers.
 - Posters:
 - Posters and signs may be placed on bulletin boards or notice boards but shall not be placed on top of existing current notices.
 - Only one active poster per event per board is permitted.
 - Posters may not be placed on any glass surfaces, including but not limited to doors, windows, partitions, or display cases except as authorized by the appropriate college official.
 - Tacks or staples shall be used on all bulletin boards to help maintain the cleanliness and preserve the overall appearance. Tape may only be used on the student center columns when posting.
 - Tape may not be used on any painted surface, including the ATT lobby balcony, to prevent the paint from peeling.
 - Banners may be hung on the ATT balcony with prior permission of a Student Activities Coordinator.
 - All banners, posters, and notices must clearly indicate contact information, a name/sponsoring organization, date, time and location and must be removed within 48 hours after the event.
 - Unauthorized removal of or tampering with a poster before an event date will be considered as vandalism, and the person(s) responsible may be brought up on charges.
 - A weekly examination of bulletin board locations will result in the removal of all posters which violate these policies.
 - Bulletin boards belonging to offices, academic departments, clubs, or organizations are not to be used by individuals outside the organization. Students and staff with responsibility for these boards have the right to remove posters not related to their club/organization.
 - Lyndon State College is an equal opportunity institution. Chalking and postering in violation of this mission is subject to immediate removal and those responsible may be brought up on judicial charges.
 - Lyndon State College serves as an institution of higher learning and realizes the dangers of alcohol abuse and chooses not to allow posters and chalking that encourages, promotes, or advertises alcoholic beverage consumption.
 - Chalking:
 1. The use of chalking for advertisements and announcements is permitted with water-soluble chalk on sidewalks only.
 2. A Student Activities Coordinator must be notified before chalking begins to ensure there is no conflict with other plans/events on campus.
 3. Chalking is not permitted on the exterior surface of buildings, walls, steps, exterior patios or building foyers, or any vertical surface, except as authorized by the appropriate college official.

- **LSC Mail**

Every student, whether residing at Lyndon or commuting, has an on-campus mailbox. Along with e-mail, students are also responsible for checking their campus mailbox. Students maintain the same mailbox number during the time they are enrolled at LSC. It is important to use that number on all incoming mail/packages in order to avoid delays in receipt. Your college I.D. is required to retrieve packages.

Equally important is the need for students to keep the mailroom informed of any changes in student status and forwarding address. Remembering these steps will help to insure prompt delivery of your mail.

- Hours of Operation: Monday – Friday, 9:30 a.m. – 3:00 p.m.
- Example of Correct Address:
Your Name
1001 College Road
L.S.C. Campus Mailbox #
Lyndon State College
Lyndonville, VT 05851

The 1001 College Road address must be on all package deliveries, i.e., UPS/FED EX/RPS, other than US Mail.

If you have been issued a key for your mailbox, please don't forget to turn it in to the mailroom when you graduate or leave school permanently. Lost keys can be replaced at a charge of \$5.00. Stamps are available at the bookstore. Stamped mail drop boxes are located at HAC, second-floor Vail by the ATM and at the mailroom.

Student Activities

Mission Objectives

- Facilitate development of leadership, interpersonal and communication skills through collaboration and educational programming with student organizations and student government
 - Enrich campus life through delivery of a variety of educational and entertainment opportunities, programs and services
 - Enhance student development through mentoring, joint programming and other collaborative activities
 - Promote an environment in which cultural diversity is valued and the uniqueness of the individual is respected through behavior modeling, programming focused on these topics and involvement with presenters and entertainers who are from minority groups and/or who address these issues
- Clubs and Organizations – www.lyndonstate.edu/studentlife

- Social/Service Clubs
- Academic Organizations/Honoraries
- Media Organizations
- Recreational Sports Club

Athletics

Lyndon is a member of the National Collegiate Athletics Association (NCAA) - Division III, North Atlantic Conference (NAC). Varsity competition includes women's and men's basketball, women's and men's soccer, men's and women's tennis, men's and women's cross country, men's and women's lacrosse, women's volleyball, baseball, softball, and men's and women's track and field. Lyndon also offers several club teams that compete with other colleges, including rugby, cycling, and ice hockey.

Intramurals

Many students take advantage of our wide range of intramural sports in order to take a break from their academic routines. Dozens of sports and activities are offered on campus, including football, water sports, volleyball, basketball, tennis and wiffle ball. All ability levels are welcome at intramural programming.

S.H.A.P.E.

Lyndon's SHAPE center includes a fitness center, two racquetball courts, two gymnasiums, a new climbing wall and a 25 yard, six-lane swimming pool. Outdoors, Lyndon boasts running trails, tennis courts and fields for varsity athletics and club/intramural games. Cross-country skiers and cyclists enjoy local trails while downhill skiers and snowboarders enjoy the facilities at nearby Q Burke Mountain, Jay Peak, and the Lyndon Outing Club.

Student Life

Click on a link to be taken to the entry below.

- About Student Life
 - Mission Statement
 - Value Statement
 - Philosophy Statement on Diversity
 - Expectations of Residence Hall Communities
 - Vermont State Colleges Student Housing Policy
 - Commuting Distance for Off-campus Status
- Student Life Policies, Procedures and Regulations
 - Alcohol Policy
 - Check-Out Procedure
 - Cohabitation/Guest Policy
 - Cooking Facilities
 - Custodial Services
 - Damage Policy
 - Drug Policy
 - Firearms, Explosives and other Weapons
 - Hazing Policy
 - Keys
 - Laundry
 - Lockouts
 - Lost and Found
 - Music and Noise Policy
 - Pets
 - Room Changes
 - Room Decorations
 - Room Limit
 - Safety Restrictions
 - Skateboarding, Snowboarding, Biking, and In-Line Skating Policy

- Smoking Policy
- Snow Emergency Procedures
- Solicitation and Concession
- Storage
- Vacation Periods
- Care and Maintenance of Residence Hall Rooms
 - Energy Use, Recommendations and Warnings
 - Electrical Safety
 - Fire Safety
 - Room Entry and Search Procedures
 - Fire Inspection
 - Administrative Fines
 - Procedures for Reporting Residence Hall Problems
 - LSC Directory
- Student Rights and Responsibilities
 - Philosophy and Focus of the Conduct Administration Process
 - Student Code of Conduct and Conduct Administration Procedures

About Student Life

Mission Statement

The mission of the Office of Student Life is to provide an environment which enhances student learning and individual growth by facilitating relationships and programs intended to develop characteristics desirable in an LSC-educated person. These characteristics include a commitment to civic responsibility, an appreciation for diversity, critical-thinking skills, an appreciation for life-long learning and the ability to develop healthy, productive relationships. This learning should occur within a secure living environment that encourages risk-taking, cooperation and responsible decision-making.

Value Statement

The Department of Student Life is committed to:

- Facilitating an environment which allows students to be academically successful
- Providing leadership opportunities for residents and other opportunities for involvement
- Providing inclusive programming which enhances classroom learning and challenges students intellectually, spiritually, physically and socially
- Creating communities which are free of harassment and bullying and are based on respect and an appreciation of differences
- Providing activities which allow students to build relationships with each other and lead to tight-knit communities
- Providing an environment in which students do not have to suffer the second-hand effects of alcohol and other substance abuse
- Creating a disciplined community which is fair and just
- Maintaining facilities which are secure, healthy and clean
- Creating opportunities for students to demonstrate civic responsibility to the LSC community and the community at large
- Creating opportunities for students to have fun

- Working collaboratively with Public Safety, Dining Services, Student Affairs, faculty and other departments on campus to provide an environment which maximizes student potential for personal and academic success

Philosophy Statement on Diversity

The Department of Student Life is committed to creating and sustaining a community that is characterized by sensitivity, acceptance and celebration of differences. We believe that communities are strengthened and enriched by the presence of diversity. To that end, we wish to create an environment which is welcoming to people of diverse ethnicity, ability, age, religion, gender and sexual orientation. We are committed to promoting such an environment through our interactions, programs and outreach to students.

We urge you to take this opportunity to learn more about those who are different from you. A willingness to learn about diversity results in increased awareness, strengthened friendships, rich experiences and greater insight. There is perhaps no greater place to explore new horizons than an institution of higher learning.

We are committed to confronting situations of intolerance that seek to destroy the spirit of acceptance and respect. Such acts are irreconcilable with the mission of our college. We urge you to do the same. We must each take responsibility to create a community where all members feel as if they matter and are respected and appreciated.

Expectations of Residence Hall Communities

A residence hall at Lyndon State College achieves community when:

- The residents within the community can identify each other by name and know something about each other
- The residents establish and foster working relationships with common goals
- The residents celebrate individual differences while forming a shared identity and common language
- The residents exhibit their mutual trust by looking out for the well-being of others
- Residents support each others intellectual and personal development
- The residents make sacrifices for the good of the community

The Office of Student Life at LSC expects to foster successful residence hall communities. To that end we will work toward:

- Residents and RAs who know each others names and some pertinent information about each individual
- Have residents who wish to stay involved in and return to that community
- Have residents who take pride in identifying with that community
- Have residents who take responsibility for their actions
- Respect the sanctity of the residence hall itself
- Establish a common goal to improve the life in the residence hall
- Have residents and leaders who work together in consensus
- Discover and respond to the needs of their residents
- Sustain the qualities necessary for academic success
- Grant opportunities for growth to all of their residence hall members
- Pledge to understand and celebrate the diversity inherent in the community

Residence Hall Communities

Residence halls:

- Arnold/Bayley (Bayley 2nd floor- 24 hour quiet)

- Poland/Rogers
- Crevecoeur/Whitelaw (first year students under age 21)
- Wheelock
- Gray House (Service Learning Housing community)
- Rita Bole Complex (21+ and gender neutral options available)

Vermont State College Student Housing Policy

Lyndon State Colleges Housing Policy complies with the Vermont State Colleges Housing Policy Number 304, approved September 24, 1983, by the Board of Trustees.

It is a condition of admission to Lyndon State College, to the extent that campus housing is available, that unmarried students, students not in a civil union, or whose legal domiciles are not within commuting distance are required to live on campus for two academic years (space permitting). Those accepted as sophomores are required to live on campus for one academic year. Once a housing contract has been signed, the agreement with the college is binding for a full academic year. The Director of Residential Life or designee may authorize exceptions due to extraordinary circumstances. In practice, exceptions are granted in the following circumstances:

- Students who are age 24 or older
- Students who have achieved junior standing (according to credit hours)
- Students who are graduates of approved high schools (see list below) and will be commuting from their legal residence in that school district
- Students who have custody of their children
- Students who can document a medical reason for exception (physical or mental health, with documentation from a physician or mental health professional)
- Students who can document a compelling fiscal reason for exception (the Director of Financial Aid makes a recommendation based upon a significant change in financial circumstances since the signing of the contract or an assessment that the student is among the very small percentage of our most fiscally challenged students)
- Limited other cases merit special consideration, but these are very rare

The Director of Residential Life, sometimes in consultation with the Dean of Student Affairs, hears requests for exception. The Dean serves as an appeal for students who are displeased with the Director's decision. After the opening of a semester, any student who moves out of college housing without the permission of the Director of Residential Life or designee shall be financially responsible for the full term of the residence hall contract.

Commuting Distance for Off-campus Status (45 Driving Miles)

High schools acceptable for commuting students:

- North: North Country Union High School, Lake Region Union High School, Lyndon Institute
- South: St. Johnsbury Academy, Blue Mountain Union High School, Oxbow Union High School
- West: Danville High School, Cabot High School, Hazen Union High School, Twinfield Union High School, Craftsbury Academy
- East: Concord High School
- New Hampshire schools: Littleton High School, Woodsville High School, Lisbon High School, White Mountains Regional High School, White Mountains School, Haverhill High School
- Border Schools: Union 32, Montpelier High School, Spaulding High School

Student Life Policies, Procedures and Regulations

1. Alcohol Policy

Lyndon State College strongly opposes the illegal and inappropriate use of alcohol. Violations of alcohol policy and regulations will result in judicial action which may result in sanctions up to and including dismissal from the college. The Lyndon State College Alcohol Policy is congruent with Vermont state law, local regulations, and the mission of the college and is promulgated to assure the appropriate distribution and consumption of alcoholic beverages on the campus. The administration and interpretation of the Alcohol Policy ultimately rests with the President or designee, who, in this instance, is the Dean of Student Affairs and the Director of Residential Life.

- 1.0 Basic regulations:
 - 1.1 Consumption of alcoholic beverages on college property is a privilege accorded under specified conditions to individuals of legal age according to Vermont Law, in areas defined as private domicile (i.e., individual student rooms and the President's house). Reasonable use shall not include kegs, cases, or BYOB parties.
 - 1.2 Recognizing that not all individuals may choose to consume alcoholic beverages and recognizing the social emphasis of all events, any functions providing an alcoholic beverage must also provide two nonalcoholic beverages.
 - 1.3 The sponsoring individual or organization must furnish information concerning the program, facility arrangements, food service needs, and the type and amount of beverages to be served, as directed on the Alcohol Permit and Event Registration Form. Forms are available from the Associate Dean of Student Affairs.
 - 1.4 All recognized organizations and sponsors of registered social events are prohibited from providing alcohol to minors. Consistent with, and related to this restriction, the serving of kegs, beer balls, and alcohol/punch drink may only be done by a licensed caterer (Sodexo). See 3.0 below for an explanation of the approved process.
 - 1.5 Any event which includes alcohol as part of its program should focus upon the social nature of the event in its promotional campaign and not emphasize the sale or availability of alcoholic beverages at said event.
 - 1.6 The safe occupancy level of the approved space must be determined and steps taken to insure compliance with the Fire and Safety Code of LSC and the State of Vermont.
 - 1.7 No alcohol may be carried into or consumed in non residence hall areas, including outdoor areas and at intercollegiate athletic/intramural events, with the exception of approved designated areas (sec 1.1), without the submission and approval of the Alcohol Permit and Event Registration Form.
 - 1.8 Scheduled events must remain within the approved designated area.
 - 1.9 A charge of no less than \$100 will be billed to the organization sponsoring an event if the facility used is not properly cleaned within eight hours after the function has ended.
- 2.0 Residence Halls: (also see Section 8 of the Student Code of Conduct)
 - 2.1 Students who are age 21 or older may possess or consume alcohol in their residence hall rooms. In rooms where all residents are under age 21, alcohol may not be possessed or consumed. In no instance may the number of open alcohol containers in a room exceed the number of individuals who are age 21 or older and are in the room. An excessive number of empty containers being present in a room could lead to the presumption that those of legal age provided alcohol to individuals present who are under age 21. In residence halls which are designated as alcohol-free, and on floors of residence halls which are so designated, no alcohol may be possessed or consumed.
 - 2.2 No physical evidence of alcohol possession may be displayed or used as decorations which are visible in the window of a residence hall room.
 - 2.3 Only a reasonable quantity of alcohol may be present in a legal drinker's residence hall room. No kegs, half-kegs, quarter-kegs, beer balls, cases or other quantities in excess of what may be reasonably and safely consumed may be present.
- 3.0 Campus-Wide, Licensed Events:
 - 3.1 The sponsoring organization must complete and have approved the Alcohol Permit and Event Registration Form at least seven (7) days prior to the event, if scheduled in a licensed facility. For events not scheduled in a licensed facility, a minimum of fifteen (15) days advanced notice is required. These forms are

available from the Dean of Student Affairs Office. Completion of the form indicates an understanding of the Alcohol Policy and a responsibility to fulfill the regulations therein.

- 3.2 The sponsoring organization or individuals must assume financial responsibility for all associated costs (e.g., security, damages, etc.).
- 4.0 Responsibility and Liability
For any party or other event, the persons who sign the required application or registration forms are responsible for the safe conduct of the event. Staff persons involved in clearance procedures are responsible for ensuring that the event is conducted in a safe and acceptable fashion and for monitoring the event for the general safety of the participants. Situations determined to be in noncompliance with regulations of the Alcohol Policy may be immediately suspended by appropriate college staff. Responsibility for any adverse consequences that may occur as the result of a party or other event may implicate any person or group involved with that event, in particular those planning and monitoring its outcome. Any violation of this policy shall be reported to the appropriate dean.

2. Check-out Procedure

All students, with the exception of graduating seniors, must vacate their rooms within 24 hours after their last exam or at the designated time of hall closing, whichever comes first. Room keys must be turned in when the room is vacated or a \$25 charge per key will result. (The key must be returned to a designated hall staff member.)

If a room/suite is left unclean or unsanitary each occupant will be billed for cleaning (\$50 minimum).

If a student moves out of their residence hall room without properly checking out with a residence hall staff member, they will be billed \$50 for improper check-out.

3. Cohabitation/Guest Policy

Lyndon State College recognizes that residence hall students have a right to expect reasonable and appropriate privacy while residing in their rooms. The College also recognizes the necessity and importance of residence hall students respecting the moral standards and individual rights of roommates and suite-mates, especially as related to sensitive topics, such as sexual activity.

Under no circumstances may students live in a room other than the one to which they were assigned. A \$25.00 fine will be charged to any student who moves to a new room without permission.

The College does not condone cohabitation of residence hall students and at no time should a student have an overnight guest against the expressed discontent of a roommate(s).

Guests are allowed to stay no more than three days within a seven-day period. No guest may stay anywhere on campus for more than three days at a time. All guests must wait seven days after their registered date of departure before they can re-register. Residents are fully responsible for guests and their behavior. Hosts will be held responsible for policy violations committed by their guests. Guests must: 1) Obtain a guest registration form from the Residence Hall Director or Resident Assistant; 2) Have the roommate(s) sign the guest registration form; 3) Complete the guest registration form and have it signed by the residence hall director or resident assistant. Any policy violation committed by guest will result in disciplinary action for the host.

If a student feels aggrieved on this matter, the following should occur:

1. Students should tell roommates that they don't wish a third party in the room or that they feel uncomfortable with the sexual behavior in the room. If this fails, the roommate should make his/her hall director or resident assistant aware of the problem.
2. If the behavior continues, the residence staff member will then call both parties together to mediate the problem. At this time the roommate contract will be referred to, to assist in the mediation process.
3. If mediation fails, the Director of Residential Life will be notified for further mediation or judicial action. If the Director of Residential Life is unavailable the Dean of Student Affairs may be notified.

4. Under no circumstances should a student feel that he/she is expected to tolerate roommate activities that are contrary to the reasonable standards of conduct expected of Lyndon State College students.

4. Cooking Facilities

Cooking is allowed only in kitchen facilities. The use of electrical appliances that do not comply with applicable fire codes and regulations is prohibited. Outdoor grills (other than those owned by Sodexo) can only be used if the grill is a minimum of 100 feet away from the buildings. Gas grills are prohibited, and no grill shall be stored in a student room or within 100 feet of any residence hall.

Students are responsible for keeping all residence hall kitchen facilities clean. The housekeeping staff does not wash dishes for you. Suites may be fined daily for failure to properly maintain their suite kitchenette area. Students may not use suite kitchenette areas to store empty bottles/cans of any kind. For a list of items that are not allowed on campus please click [Frequently Asked Questions](#).

Wheelock and Rita Bole common area kitchens- A variety of pots, pans and utensils are available to be checked-out for use from your RA or RHD.

5. Custodial Service

Custodial service is provided in the public common areas and bathrooms with the exception of the Rita Bole residence hall. Residents are expected to clean their rooms and must provide their own cleaning supplies. Vacuum cleaners are available from the hall staff. Personal items are not to be left in bathrooms and common areas. Students will be warned; however, disciplinary action will result or items will be discarded if students continue to leave personal items in common areas.

6. Damage Policy

Students are required to pay for damages to or theft of items from a room or a public or social area and its furnishings, including door locks/handles, as assessed by the Director of Residential Life or the hall directors. All damages or theft occurring in residence areas will be divided equally among the occupants for the academic year, unless the Director of Residential Life or hall directors are notified of the individual(s) specifically responsible and such liability can be verified or substantiated. All damage or theft which can be attributed to given individuals will be billed directly to them. Any student who wishes to appeal a damage charge must do so within five days of receiving notification of damage and subsequent charges. This appeal should be sent to the attention of the Director of Residential Life in Rita Bole 304.

Students are responsible for the actions of their guests. Any damage done by a guest on campus will be the responsibility of the registered host. For a complete explanation of the guest policy, please see [cohabitation/guest policy](#).

Furnishings supplied by the College may not be removed from a residence hall room or lounge area. Any student removing such items may be charged for the full replacement cost and be liable for disciplinary action, including a daily fine, in accordance with College and residence hall regulations.

Tampering with the cable TV system may result in a loss of service to the general residence hall community and is illegal according to Vermont law. Students found guilty of tampering with the cable TV system are subject to a fine and judicial action as appropriate.

7. Drug Policy (See section 3 in the Student Code of Conduct)

Lyndon State College condemns the illegal and inappropriate use of drugs. Violations of the drug policy will result in judicial action which may result in sanctions up to and including dismissal from the college. The possession of stimulants, narcotics, hallucinogens or any controlled or regulated drugs (except on a physicians or dentists prescription), is prohibited; as is the selling, bartering, exchanging or giving away of such drugs to any person not intended to possess them. Offenses involving the use and/or possession of drugs or drug paraphernalia will subject a student to disciplinary action by the college, and possible civil litigation or criminal prosecution. The college will cooperate with local, state and federal authorities in the elimination of illicit drug trafficking.

8. Firearms, Explosives and Other Weapons (See section 2 of the Student Code of Conduct)

The possession of firearms, fireworks, explosives, knives or other weapons of any kind and replicas or facsimiles thereof (including paint and bb guns) is prohibited on campus or in residence halls as they pose a substantial danger to the safety of all students. Please be advised that knives with a blade in excess of 3 are not permitted on campus. This also includes but is not limited to switchblades and butterfly knives with blades of any length. The term weapon also includes items that may be legal but which could be used in an illegal manner or which someone could perceive as placing them in danger of immediate harm (e.g., box cutter, pipe, etc.)

9. Hazing Policy

- Policy Statement - It is the policy of the Vermont State Colleges (VSC) that no member of the VSC community may participate or be involved in hazing. A student or employee will be subject to disciplinary action for: (1) engaging in hazing; (2) soliciting, directing, aiding or abetting, or attempting to aid or abet another person engaged in hazing; and (3) knowingly failing to take reasonable measures within the scope of the persons authority to prevent hazing. It is not a valid defense against charges of hazing that the student against whom the hazing was directed consented to or acquiesced in the hazing activity.
- Definition - Hazing means any act committed by a person, whether individually or in concert with others, against a student in connection with pledging, being initiated into, affiliating with, holding office in, or maintaining membership in any organization which is affiliated with the Vermont State Colleges or any member College thereof; and which is intended to have the effect of, or should reasonably be expected to have the effect of, humiliating, intimidating or demeaning the student or endangering the mental or physical health of a student. Hazing also includes soliciting, directing, aiding, or otherwise participating actively or passively in the above acts. Hazing occurs regardless of the consent or willingness of a person to participate in the activity. Hazing may occur on or off the campus of a member College of the Vermont State Colleges. Hazing shall not include any activity or conduct that furthers legitimate curricular, extracurricular, or military training program goals, provided that:
 - A. the goals are approved by the member College; and
 - B. the activity or conduct furthers the goals in a manner that is appropriate, contemplated by the member College, and normal and customary for similar programs at other educational institutions.
 - C. Organization means an athletic team, association, corporation, order, society, corps, cooperative, club, or other similar group, whose members primarily are students at a member College, and which is affiliated with the College.

10. Keys

- Keys are assigned by residence hall staff members.
- If you lose your key, report it immediately to your hall director. Replacements are charged at a rate of \$25 per key.
- Students must return keys to a residence staff member when checking out of a room. Failure to return an original room or suite key when leaving at the end of the semester or academic year will result in a \$25 fine per key.

- It is against college regulations to have a residence hall key duplicated. It is also against college policy to loan your keys to anyone else. Tampering with locks and doors may result in a judicial hearing and a possible fine. Estimated cost of replacing a residence hall room lock is \$200.

11. Laundry

Laundry facilities are available in each set of residence halls. Machines are coin operated (some have a credit card swipe option). Change machines are also available in each residence hall. Please see your RHD if you have a problem with a machine so a work request can be submitted.

12. Lockouts

Students are expected to have their room keys and ID cards with them at all times. Residential Life Staff members should be contacted to open doors only under unusual circumstances. An excessive number of requests to have a student's room unlocked will result in disciplinary action. A fine of \$25.00 may be assessed after a student's 3 lockout.

13. Lost and Found

This service is handled by Public Safety.

14. Music/Noise Policy

Courtesy hours are in effect 24 hours a day on-campus. Courtesy hours require that all residents, no matter what time of day, consider the impact that noise levels from their room have on other residents.

Students should remember that the LSC residence halls are within close proximity of all academic buildings. Students should not play music outside of their windows or place speakers in their window. Violations of this policy will result in disciplinary action and/or confiscation of equipment.

Residents are expected to respect the rights of others with regard to noise levels. Violation of individual rights or established quiet hours will result in disciplinary action.

Quiet hours are maintained Sunday through Thursday from 10:00 p.m. to 9:00 a.m. and Friday and Saturday from 1:00 a.m. to 9:00 a.m. Quiet hours must also be maintained outside of all residence halls. Students who are repeatedly warned about loud stereo systems will have them confiscated. Use of sub-woofers and amplifiers is prohibited if excessive volume results.

Additionally, courtesy hours are in effect 24 hours a day. The second floor of the Bayley residence hall has a 24 hours quiet policy.

15. Pets

Pets (except for fish in aquariums that are not larger than 10 gallons) cannot be in residence halls under any circumstances. Students violating this rule will face disciplinary action.

16. Room Changes

All requests for room changes should be directed to the Office of Student Life or your Resident Hall Director. Changing rooms without proper permission is a violation of campus policy. Also, the Department of Student Life reserves the right to assign or reassign students as necessary- therefore, students should not arrange their room in such a way that another student could not move in if assigned (ie. beds pushed together or multiple wardrobes used for one person).

17. Room Decorations

Students are not allowed to paint their rooms or suites. Duct tape damages painted surfaces and is not allowed in the residence halls. Students are not permitted to use staples, tacks, screws or nails in their rooms. We encourage the use of blue painters tape to post any items on residence hall walls.

18. Room Limit

The state Fire Marshall's office requires that no more than 10 people be in a double room at any time. No more than 5 people are allowed in a single room at any time.

19. Safety Restrictions

In order to ensure the safety of all residents, the rules listed below are strictly enforced. The following are not allowed:

- Storage of bicycles, motorcycles, furniture, skis or other items in residence hall corridors, stairwells, lounges or entry ways
- Throwing or dropping items from windows or down stairwells of any residence hall
- Waterbeds and personal beds
- Installation of outside antennas or other exterior devices on roofs or from windows Access to roofs or window ledges
- Custom lofts or furniture used in ways other than it was intended and the use of cinderblocks to raise beds .

20. Skateboarding, Snowboarding, Biking and In-line Skating Policy

LSC community members are prohibited from skateboarding, snowboarding, biking, or in-line skating on campus unless they are using a skateboard, snowboard, bike, or in-line skates as a form of transportation from one location to another. Trick riding on curbs, benches and buildings is strictly prohibited. These actions present a safety hazard and are very disruptive to others. Recreational riding is permitted in the skate park only.

21. Smoking Policy

There is a no smoking policy in all residence halls and in inner campus.

- 1.0 Purpose: Vermont law required that Lyndon State College have a smoking policy that either prohibits smoking or restricts smoking to designated smoking areas (parking lots). This policy prohibits smoking on the Lyndon State College campus except in specifically designated areas.
- 2.0 Statement of Policy: Smoking at Lyndon State College is restricted to designated campus parking lots only.
- 3.0 Responsibilities: All students, faculty, staff, and visitors are expected to abide by this policy. Violations will be reported to the Public Safety Department. Noncompliance with this policy may result in disciplinary action under the student code of conduct or the appropriate collective bargaining agreement/employee handbook.

22. Snow Emergency Procedures

During snow emergencies, student-owned vehicles must be moved to designated areas so snow can be plowed. Notices declaring a snow emergency will be sent to you via LSC e-mail.

23. Solicitation and Concession

Students are not permitted to use their rooms for any commercial purposes. Soliciting in the residence halls, campus buildings or the grounds is prohibited, unless approved in writing by the Dean of Student Affairs.

24. Storage

The college is not able to store items for the summer. Students must remove all personal belongings from their rooms at the end of the academic year. During vacation and intercession periods, students should remove all valuables from their rooms. The college is not liable or responsible for losses.

25. Vacation Periods

Residence halls are closed for designated periods during the academic year. All appliances are to be unplugged, and the residential life staff inspects all rooms. During those breaks, students who have a work related, academic or athletic need to be on campus may submit a break housing request to be considered for break housing. This request should be submitted at least one week prior to break.

Students who stay for extra nights prior to the opening of the residence halls for the semester or during breaks without prior permission will be assessed a \$50.00 charge per night and will face further disciplinary action.

Care and Maintenance of Residence Hall Rooms

Energy Use, recommendations and Warnings

The residential community saves energy by:

- Turning off lights when leaving a room, even for a short while.
- Turning off faucets completely.
- Reporting any leaking faucets to the residence hall staff.
- Using energy efficient light bulbs when available.
- Reporting excessive heat to the residence hall staff and keeping all windows closed during the winter.

Electrical Safety

The following are strictly prohibited:

- Unapproved cooking or heating appliances in individual room or suite areas
- Extension cords running under rugs and/or overloading of electrical outlets
- Tampering with any electrical or lighting fixtures

- Plugging in car batteries or heaters through windows or doors of residence halls
- Extension cords that are not UL rated, and heavy duty cords that are not three-wire grounded will not be allowed. (a UL-rated multiple outlet center with an on/off switch and pilot light with circuit breaker protection is recommended)

Fire

The following are strictly prohibited:

- Storage or use of flammable fluids in building
- Misuse of fire equipment
- Any open or enclosed flames and incense or candles
- Large fabric ceiling hangings that are not flat against the ceiling
- Wall hangings that are not flat against the wall
- Items which block egress from a room or suite area.
- Fire crackers
- Using wiring conduit to hang items from
- No more than 15 people in a triple, no more than 10 people in a double and no more than 5 people in a single at one time

The following list represents items that are acceptable in residence halls (They must be U.L. approved; no cooking appliances are allowed in the suite area).

- desk lamp dvd/vcr player
- small television
- blue painters tape (only adhesive allowed on residence hall walls)
- small microwave
- electric blanket
- electric shaver
- electric iron
- clock/clock radio
- small stereo
- floor lamp
- personal computer
- small refrigerator (6 cubic feet)
- coffee pot (not submersible)

Under no circumstances are the following items allowed in residence halls. Students are expected to use good judgment in the assessment of the safety of the items they bring to school (this is not an exhaustive list).

- toaster/toaster ovens
- flammable decorations
- hot plates
- electric fry pans
- decorative lighting
- broilers
- electric corn poppers
- immersion coils
- space heaters
- halogen lights
- incense candles (including wickless)
- lava lamps
- homemade lofts and cinder blocks
- live trees or boughs

- neon lights/signs
- duct tape
- plastic self-adhesive hooks
- lamps with insufficient shade material to protect from heat
- water balloons
- water guns
- paint ball guns
- snowballs
- firearms
- sling shots
- knives
- black lights

Room Entry and Search Procedures

While the college recognizes students' rights to privacy in their rooms and personal effects, students should be on notice that there are times when authorized college representatives may, without specific consent, enter their rooms unannounced and/or check for conditions or articles causing concerns, even in closed spaces. Room entry may occur for purposes of housekeeping, repairs and maintenance, or when there is reasonable basis for legitimate concern about the health, welfare or safety of any of those who occupy the room or other persons or when there is reasonable basis to believe that there may be a violation of college policies, rules or regulations. An inspection or search of closed spaces may occur when there is a reasonable basis, either existing beforehand or resulting from room entry, to justify the inspection or search because of legitimate concern about the health, welfare or safety of any of those who occupy the room or about other persons.

Examples of such reasonable basis may include but are not limited to: a leak that requires inspection of a closed space such as a cabinet or drawer, a standard safety check during break periods or the discovery upon room entry of evidence of violation of the law or school rules, including rules on drugs, alcohol or weapons. There are numerous other situations that could constitute reasonable basis to justify an inspection or search.

A staff member will not open a student's room if another student has requested the door be unlocked to retrieve borrowed items (such as books, laptops, class assignments, etc.). The staff has a responsibility to protect the privacy of the resident(s) of a particular room.

Fire Inspection

The Student Life and Maintenance departments of Lyndon State College may conduct fire inspections once a semester. The inspection will be done without notice and students' rooms may be entered without the occupants being present. If a student is notified of an infraction, he/she will have 48 hours to correct the problem or face judicial sanctions. The College reserves the right to remove any prohibited or illegal items if found upon entering a students room.

On a periodic basis, the State Fire Marshal's office inspects the residence halls. Again, if a student is notified of an infraction, he/she will have 48 hours or less to correct the problem or face sanctions by the college or the state.

Administrative Fines

These charges are assessed to students separate from the judicial process. They are listed here for informational purposes and is not an exhaustive list:

- Housekeeping violation - \$50 minimum
- Lost ID replacement charge - \$25

- Lost keys/keys not returned - \$25 per key
- Improper checkout - \$50
- 3+ lockouts - \$25

Procedures for Reporting Residence Hall Problems

- Maintenance Problems: See your residence hall staff member.
- Emergency: If your residence hall staff member is unavailable, contact the Residential Life Office, 8:00 a.m. to 4:00 p.m., Monday through Friday, at Ext. 6418. On weekends, evenings and holidays, contact Public Safety by dialing "6452" and wait for a telephone or radio response.
- Fire Emergency: If a fire occurs, set off an internal alarm (red pull box) and leave the building immediately. Call Public Safety at ext. 6452 from another building.
- Medical Emergency: Contact Lyndon Rescue at 911. For other medical problems, make an appointment with Health Services at ext. 6440.

LSC Directory

- Absences-Student | Student Affairs | RBC 304 | x6418
- Academic Support | Debra Bailin | LAC | x6210
- Project Excel | Denise Moses | LAC | x6210
- Advising Resource Center | Library
 - Gateway | x4860
 - Career Services | x6441
- Admissions | Vail 305 | x6413
- Arnold/Bayley | RHD Office | Bay. 502 | x6326
- Athletics | Chris Ummer | Gym 104 | x6224
- Bills & Fees | Student Services | Vail 348 | x6396
- Bookstore Manager | Vail 204 | x6466
- Class Cancellations | Academic Dean's Office | RBC 304 | x6767
- Change of Major | Registrar's Office | Vail 348 | x6396
- Change of Advisor | Registrar's Office | Vail 348 | x6396
- Commuter Concerns | Dean of SA | RBC 304 | x6418
- Counseling | Counseling Services | Brown House | x6440
- Degree Audit | Evelyn Franz | Vail 352 | x6495
- Disabilities services | Learning Specialist | Vail 328 | x6210
- Drop-Add Procedures | Registrar's Office | Vail 348 | x6396
- Emergency Service | Ambulance | 911
- Emergency Service | Fire | 911
- Emergency Service | Public Safety | Vail 340 | x1111
- Facilities (scheduling) | Charlotte Porcelli | x6498
- FAX (Students) | Bookstore | Vail 204 | x8967
- Financial Aid | Tanya Bradley | Vail 374 | x6216
- Food Service | Adam Vigue | Dining Hall | x6266
- Information | Switchboard | Vail 332 | x0
- Insurance-student | Student Services | Vail 348 | x6396
- Intramural Programs | Kevin Pezanowski | Gym 102 | x6242
- Keys | Tom Archer | Maintenance | x6454
- Library Information | Library | x6450
- Library Circulation | Donna Edwards | Library | x6447
- Lost & Found | Public Safety Vail 340 | x6452
- Mailroom | Rhonda Trucott | Vail 109 | x6473
- NEBHE Eligibility | Admissions Office | Vail 308 | x6413
- Registrar | Vail 348 | x6396
- Newspaper (LSC) | Critic Office | Vail 203A | x6215
- Parking Permits/Fines | George Hacking Vail 340 | x6432
- Payroll-student | Cynthia Robertson | Vail 369 | x6461
- Public Safety | George Hacking | Vail 340 | x6432
- Poland/Rogers | RHD Office | Whitlaw 601 | x6330
- Pool Info | Chris Dorsey | Gym 102 | x1320
- Pool Schedule | x6769
- President's Office | Joseph Bertolino | Vail 368 | x6404
- Academic Dean's Office | Nolan Atkins | Vail 365 | x6406
- Registration | Registrar's Office | Vail 348 | x6396
- Residential Life | Erin Rossetti | RBC 304 | x6417
- Rita Bole | RHD Office | RBC 304 | x6417
- Student Activities | Vail 218 | x6363
- Students' Rights | Jonathan Davis, Dean SA | x6418
- Dean of Student Affairs | RBC 304 | x6418
- Student Government Association | Vail 218 | x6483

- Health Services | Physician and P.A. | Brown House | x6440
- Housing | Residential Life | RBC 304 | x6418
- I.D. Cards | Public Safety | Vail 340 | x6432
- Info. technology | Help Desk | Library 213 | x6456
- Study Abroad Options | Debra Bailin | Vail 324 | x6210
- TDD Number for Hearing Impaired | 802-626-6273
- Training Room | G13/G15 | x6362
- Transcripts | Registrar's Office | Vail 348 | x6396
- Transfer Evaluations | Miranda Fox | Vail 348 | x4852
- Vehicle Reservations | Tom Archer | Maintenance | x6454
- Veteran's Affairs | Shane Mason | Vail 348 | x4851
- Weather Phone Recorded Message | x6421
- Wheelock/Gray House | RHD Office | Wheelock 103 | x6324
- Whitelaw/Crevecoeur | RHD Office | Whitelaw 601 | x6330
- Withdrawals | Registrars Office | Vail 348 | x6396
- Work study eligibility | Jennifer Aubin | Vail 348 | x6217
- Work Study Jobs | Career Services | Vail 316 | x6441
- LSC Homepage | <http://www.LyndonState.edu>

Student Rights and Responsibilities

Philosophy and Focus of the Conduct Administration Process

The Student Code of Conduct promotes the necessary order, safety and security of the Lyndon State College community. The mission of Lyndon State College's conduct system is to function as an educational process. The goals of the conduct system are:

- To promote a campus environment that supports the overall educational mission of the college.
- To protect the college community from disruption and harm.
- To encourage appropriate standards of individual and group behavior.
- To foster ethical standards and civic virtues.

The conduct system fulfills its mission by providing programs and services that:

- Develop, disseminate, interpret and enforce campus regulations.
- Help students to model appropriate behavior.
- Intervene effectively when behavior violates the Code of Conduct.
- Offer educational and leadership opportunities for students who participate in the operation of the conduct system.

Student Code of Conduct and Conduct Administration Procedures

- Article I: Judicial Authority
 - A. Any member of the college community may report violations of the code directly to public safety, residential life staff or any other official of the college. This does not preclude action under the code where information

initially came from one who is not a member of the college community. A public report form is available on the Portal.

- B. The Residence Hall Directors, Director of Residential Life, Dean of Student Affairs or designee have the judicial authority to assess sanctions in accordance with Article III, Section B.
 - C. Appeal: See Article III, Section A (3).
- Article II: Jurisdiction and Proscribed Conduct
- A. Jurisdiction of the College - All students are expected to conduct themselves as responsible members of the college community and to respect the rights of their fellow citizens on and off campus. Any departure from these standards, which can be shown to be injurious to the college's pursuit of its normal activities, will be defined as a violation of the rules or regulations specified in Lyndon State College's Code of Conduct.
 - B. Conduct: Violations of the Code of Conduct include, but are not limited to, the behavior outlined below. Beyond the Code of Conduct, the administration may, at its discretion, bring charges against any student who engages in dangerous behavior and is in serious violation of the college's rules and regulations. Any student found to have engaged in such conduct is subject to the disciplinary sanctions outlined in Article III.
 - 1. Section 1. Behavior which threatens or endangers the health or safety of oneself or others, whether actual or implied, or results in personal injury to oneself or others. This includes disorderly conduct, including but not limited to public intoxication, lewd or indecent or obscene behavior, libel, slander, simple assault, verbal conduct, racial or sexual slurs, threats, intimidation, harassment and hazing against any member of the college community including faculty, staff and students.
 - 2. Section 2. Illegal or unauthorized possession or use of any type of weapon or firearm, including but not limited to BB or pellet guns, paint guns, water guns, sling shots, explosive fireworks, combustibles, knives (longer than 3" or have a concealed blade), compound bow-and-arrows or other weapons or instruments which could be used to inflict injury, or which might cause a person to believe he or she may be in danger of being harmed.
 - 3. Section 3. The possession, solicitation, sale, distribution, or use of any illegal drugs or substances, including credible supporting evidence indicating drug use, and/or the possession of drug-related paraphernalia (e.g. syringes, hookahs bongs, pipes, rolling papers not accompanied by loose tobacco, etc.). Possession of prescription drugs by a Lyndon State College student who does not have a medical problem which would require their use and where such substances have not been prescribed by a physician entitled to make such prescriptions. The use of legal substances in an illegal manner (e.g., aerosols, chemicals, etc.) and the possession/use of salvia is also prohibited
 - 4. Section 4. Trespassing or unauthorized presence in or on any college-held or college-related property and/or building.
 - 5. Section 5. Attempted or actual theft of college property or property of a member of the college community (i.e., faculty, staff, students, visitors, contractors and vendors). This includes theft of services or unauthorized use of college premises, facilities, vehicles or services, including but not limited to vending machines, college academic and/or library resources.
 - 6. Section 6. Vandalism, defacement, damage to or careless use of any part of the college premises or the personal property of the college or any member of the college community (i.e., faculty, staff, students, visitors, contractors and vendors). This includes, but is not limited to, vending machines and college academic and/or library resources.
 - 7. Section 7. Violations of any federal or state law or local ordinance which could be construed as an endangerment or a violation of state alcohol and drug laws. These may result in prosecution and sanctions by civil authorities. However, violations which adversely affect the interests and reputation of the college may result in disciplinary action being taken against any student by the college itself, independently of civil authorities.
 - 8. Section 8. The use or possession of alcohol by persons under 21 years of age; providing person(s) under the age of 21 with alcohol; the consumption of alcohol in a public or communal area (e.g., parking lots, athletic fields, classroom buildings, lounges and suite hallways in residence halls); being in possession of or being in the presence of a beer keg or ball, case of beer or tap system. Students over 21 may not be present in a room with minors if there is alcohol present in the room unless the students are roommates. Students under the legal drinking age can't remain in a residence hall room where alcohol is present unless the students are roommates. In any case and for any reason, this does not permit alcohol consumption by roommates under the age of 21. Persons who

are of legal drinking age may possess 750 ml. of hard liquor, one 12 pack of beer or two 750 ml. bottles of wine. No open containers, including empty cans and bottles or any cans and bottles used as decorations, are permitted in any student rooms or suites.

9. Section 9. Tampering with any mechanism which is part of the fire alarm system, a fire extinguisher, smoke detector, or any other piece of fire-fighting equipment, including willfully causing a fire, or a fire alarm to sound, and failing to evacuate a room or building when required.
10. Section 10. Furnishing false information to the college; engaging in forgery, alteration or improper use of any college record, key(s), identification card, or other document; withholding information a student knew or reasonably should have known to disclose to the college; or information which has been requested by a member of the college community who is authorized to request such information.
11. Section 11. Failure to comply with directions of, or interference with, any college official, faculty or staff member (i.e., residence life staff member) including the failure to properly identify oneself or to produce an identification card when requested to do so.
12. Section 12. Violations of the general residence hall policies and procedures including, but not limited to, the following:
 - a. Possession of illegal items prohibited by law or college policy (the presence of such items in a student's room is considered possession);
 - b. Violation of guest policy and/or violations of the Code of Conduct by guests;
 - c. Violation of quiet hours and/or disturbing others during non-quiet hours- this includes playing speakers out of a res hall window;
 - d. Unauthorized alterations of a room including painting, construction of lofts, etc.;
 - e. Evidence of possession of pets except fish;
 - f. Failure to attend a mandatory floor or hall meeting without an excused absence;
 - g. Violation of fire/safety regulations (e.g., tapestries not flat against a wall, egress or access to room being blocked or partially blocked);
 - h. Excessive non-college-issued furniture in the room that may pose a fire hazard or affect egress or access to and from the room;
 - i. Improper utilization of cooking equipment in rooms/suites;
 - j. Improper disposal of trash;
 - k. Throwing items out of windows;
 - l. Participating in hallway sports;
 - m. Possession of candles, incense, and/or open flames;
 - n. Significant interference with the normal residence life of others;
 - o. Persons of the opposite gender in other gender bathrooms;
 - p. Smoking in a residence hall room or any common area of a residence hall or smoking in an area other than a designated parking lot.
 - q. More than ten people in a residence hall double or triple room, over 5 in a single room at one time and/or an excessive number of people in a residence hall room;
 - r. Violations of the outdoor riding and skating policy.
 - s. Possession of college lounge furniture in a residence hall room and/or improper use of furniture- ie. taking it apart or removing it from your room.
13. Section 13. Participation in a campus demonstration which adversely disrupts the normal operations of the college and which poses a threat to the safety of the college community and property. This also means intentional obstruction that unreasonably interferes with freedom of movement, either pedestrian or vehicular, on campus.
14. Section 14. Theft or other abuse of computer time or phone service including, but not limited to:
 - a. Unauthorized entry into a file for any purpose, including to use, read or change its contents.
 - b. Unauthorized transfer of a file (not including personal files).
 - c. Unauthorized use of another individual's identification and/or password.
 - d. Use of computing facilities to interfere with the work of another student, faculty member or college official.

- e. Use of computing facilities or phone service to send threatening, harassing, obscene or abusive messages.
 - f. Use of computing facilities to interfere with the normal operations of the college's computing system.
 - g. Fraudulent use of phone service.
 - h. Use of phone system to interfere with the normal operations of the college's phone system.
 - i. Violation of any Vermont State Colleges' computer policy;
 - j. Use of an unapproved wireless router.
15. Section 15. Compromising the security of the card access or locking system including, but not limited to, the following:
- a. Using another person's ID card to gain access to any building, facility or services.
 - b. Tampering with and/or vandalizing any locking or card access equipment.
 - c. Propping any residence hall entrance or exit door is prohibited.
16. Section 16. Abuse of the judicial system, including, but not limited to:
- a. Failure to respond to written summons letter of college official(s) within specified time frame.
 - b. Falsification, distortion or misrepresentation of information before hearing officer or appeal board.
 - c. Disruption or interference with the orderly conduct of a judicial proceeding.
 - d. Failure to comply with sanctions as specified.
 - e. Making false charges.
 - f. Attempting to discourage an individual's participation in, or appropriate use of, the judicial system.
 - g. Attempting to influence the impartiality of the hearing officer, hearing panel, or Judicial Appeals Committee members prior to, and/or during the course of, the judiciary proceeding.
 - h. Harassment (verbal or physical) and/or intimidation of hearing officer, hearing panel, or Judicial Appeals Committee prior to, during and/or after a judicial proceeding.
 - i. Influencing or attempting to influence another person to commit an abuse of the judicial system.

C. Violations of Law and College Discipline

Students are expected to abide by local, state and federal laws. The institution will provide no sanctuary for those who violate such laws, and the college reserves the right to discipline students charged with criminal violations. While most disciplinary action will result from alleged infractions of college rules that occur while the student is on the campus, students involved in off-campus incidents which pose a danger or threat to the safety of others may also be charged through the college's disciplinary procedures if it is judged by the President of the college that the alleged incident jeopardized the college's positive relationship to the local community or if there are grounds for believing that the student may pose a threat to the safety of self and/or others or to the integrity of the educational function of the college.

College disciplinary proceedings may be instituted against a student charged with violation of a law or regulation that is also a violation of this code. Proceedings under this code may be carried out prior to, simultaneously with or following any civil or criminal proceedings off-campus.

▪ Article III: Conduct Administration Proceedings

- A. Charges & Hearings - Members of the college community who file conduct charges against a student for misconduct must contact the Residential Life or Student Affairs offices. Charges will be prepared in writing by the Residential Life Office and submitted to the Public Safety Office for public logging purposes. Any charge must be submitted within five business days (Monday through Friday) of the realization and/or discovery of the alleged violation, exclusive of holidays. This time limit does not include charges as a result of criminal acts which involve off-campus law enforcement authorities or if existing laws prohibit this time limit or if existing college policies have a different time limit (e.g., VSC Policy 311 €" Non-discrimination and Prevention of Harassment and Related Unprofessional Conduct).

- B. First Step: Conduct Hearing Officer - The Dean of Academic and Student Affairs or his/her designee will conduct an investigation to determine whether the charges are meritorious. The hearing officer or hearing panel will issue a judgment and a sanction. Sanctioned hearing officers include Residence Hall Directors, the Dean for Student Affairs, and the Director of Residential Life. The standard of proof shall be a preponderance of the evidence. All decisions will be presented to the accused student in written form. Alleged violations of the Code of Conduct can result in the filing of conduct charges.

Important Information Regarding the Code of Conduct

1. A Lyndon State College student who may be responsible for any behavior or misconduct that is a violation of the Code of Conduct and is subject to disciplinary action shall be afforded due process that is appropriate for college judicial matters.
2. These regulations at the college are set forth in writing in order to give students general notice of prohibited conduct. The regulations should be read broadly and are not designed to define misconduct in exhaustive terms.
3. The provisions of the Code of Conduct are not to be regarded as a contract between the student and the college. The college also reserves the right to amend any provision herein at any time.
4. Any behavior which may have been influenced by a student's mental state (irrespective of the ultimate evaluation) or the use of drugs or alcoholic beverages shall not in any way limit the responsibility of the student for the consequences of his or her actions.

C. Sanctions

1. Interim Sanctions
 - a. Interim Conditions - The college recognizes that students may be accused of offenses that may present a danger of the potential for serious harm to the accused or to other members of the college or surrounding community. In such cases, the appropriate college official may impose temporary sanctions pending a hearing by a hearing panel.
 - b. Immediate Suspension from Housing; Suspension or Dismissal - Under the circumstances listed below, the Dean of Student Affairs or a designee may impose a suspension from housing, college suspension or dismissal or residence hall suspension or dismissal.
 - I. Immediate suspension or dismissal may be imposed only:
 - i. To ensure the safety and well-being of members of the college community or preservation of property;
 - ii. To ensure the student's own physical or emotional safety and well-being;
 - iii. If the student poses a definite threat of disruption of, or interference with, the normal operations of the college.
 - II. During the suspension or dismissal, students will be denied access to the residence halls and/or to the campus (including classes) and/or all other college activities or privileges for which the student might otherwise be eligible, as one of the deans may determine to be appropriate.
 - III. This type of interim sanction will result in the case being heard by a hearing panel within ten business days of the interim sanction.
2. Range of Sanctions - The following sanctions may be imposed upon any student found to have violated this code. Any combination of sanctions listed in this section may be imposed for any single violation. Sanctions are not necessarily progressive in nature. A first serious violation could result in suspension or dismissal from the college. This is not an exhaustive list:
 - a. Verbal Warning: In instances of minor deviations from the LSC Code of Conduct, the student may be formally warned of possible consequences of continuing such behavior. No other specific action is taken unless further misconduct occurs.
 - b. Disciplinary Warning: A written notice to the student that certain behavior is inappropriate.
 - c. Fines: Fines may be assessed and the amount will reflect the degree of seriousness of the violation. All fines are considered legitimate debts to the college, and nonpayment may result in any of the following penalties: prevention from continuation in classes, and/or prevention from attending the graduation ceremony, receiving diploma and receiving

- copies of student transcripts and records. Damage fines will go to replace or repair the damage.
- d. **Judicial Work Hours/Restitution:** This action requires students to perform a specified number of work hours on or off campus at a community agency. Failure to work the assigned hours shall result in a fine twice the amount of the value of the hours of said work figured at the current minimum wage.
 - e. **On-line Certificate Program:** This sanction requires students to enroll in a predetermined on-line course. Students have to pass the course by at least 80% or retake the course until they do score at least 80%.
 - f. **Disciplinary Probation:** A period of time during which a student's behavior is subject to close examination. Students who are found responsible for further violations are subject to greater sanctions including residential suspension or dismissal or suspension or dismissal from the college.
 - g. **Loss of Privileges:** Denial of specified privileges for a designated period of time. This includes, but is not limited to, any and all privileges pertaining to campus housing, operating and parking motor vehicles, use of other college facilities, visitation, or use of any campus facility or service as well as participation on athletic teams or clubs and organizations. This also includes access to the library, computer labs and campus activities.
 - h. **Restitution:** Compensation for loss, damage, or injury may take the form of appropriate service and/or monetary or material replacement.
 - i. **Counseling Services:** Students who violate alcohol and other drug policies on campus and/or demonstrate the need for emotional support by violating the Code of Conduct can be mandated to meet with a college counselor on campus.
 - j. **Residence Hall Suspension or Dismissal:** Indicates that a student is not eligible to live in or visit the residence halls. It may be for a specific length of time, it may be permanent, and it may be limited to a specific residence hall or applied to all residence halls. Campus visits may be restricted to academic areas only. Housing and meal fees will be prorated.
 - k. **Completion of Substance Abuse Counseling/Treatment or Personal Counseling Program:** Successful completion of an approved alcohol/substance abuse and or personal rehabilitation program off campus may be required as a condition for continued matriculation and/or readmission to the college. The financial responsibility of the cost belongs to the student who is sanctioned.
 - l. **College Suspension:** Suspension from the college is traditionally for a period of one year, but may be for lesser or greater periods of time. Suspension may take effect immediately upon the dean's decision and includes suspension from classes, residence halls and all campus visitations, unless specifically authorized. Any student arrested by the civil authorities and charged with a felony may be immediately suspended from classes, pending further decision by the Dean of Academic and Student Affairs or designee. Tuition is refundable according to the published schedule set by the federal guidelines and adhered to by the Business Office of the college.
 - m. **College Dismissal:** Permanent separation of the student from the college. Tuition is refundable according to the published schedule set forth by federal guidelines and adhered to by the Business Office of the college. Students who harm or have the potential of harming others will be disciplined and may forfeit their right to be members of the college community. If a situation warrants such action, completion of course credits will not guarantee students a degree.

D. Disciplinary Guidelines

Students shall be notified in writing within 72 hours in advance of a hearing by the appropriate college official that they are accused of a violation. The letter shall be delivered by campus, U.S. mail and/or e-mail- or, if necessary, hand delivered and will detail the charges made against them. Students may elect to waive the right to 72 hours notice by signing a release to that effect. Hearing procedures are as follows:

1. Generally, the hearing shall be conducted within fifteen business days by the designated college official.
2. Hearing panels hear only cases involving interim sanctions or cases with potential for eviction or suspension or expulsion and only if the accused student is not already on probation.
3. The decision reached by a hearing panel or hearing officer shall be communicated in writing to the student by the Dean of Student Affairs or his/her designee.
4. The designated hearing officer shall generally, within five business days after receiving the hearing panel's recommendation, render a written decision in the disciplinary matter consisting of findings of fact, sanction(s) and reasons therefore which shall be included in the student's record.

E. Hearing Guidelines and Procedures

If alleged violations result in a hearing, students will be so informed and the following guidelines shall apply:

1. Students are required to appear in person at the hearing and present their defense. If a student does not appear, the hearing shall be held in his or her absence. For students who choose to have an inactive role, the hearing officer/panel may draw inferences or conclusions from documentary evidence that responsible persons are accustomed to relying on in serious matters. Students who fail to appear at hearings waive their right to an appeal.
2. Accused students are entitled to an advisor. The advisor may speak only to the student advisee. An advisor of their choice may not conduct a "defense" nor speak on behalf of the accused student nor make any presentation to the hearing officer or panel. In the event the student selects an advisor who is an attorney, the college may also have an attorney present at the hearing. If an attorney or advisor is attending the hearing, the college needs to be notified 72 hours in advance of the hearing. They may not speak directly to the hearing officer/panel.
3. Both the aggrieved and accused student shall be entitled to ask questions of the hearing officer(s) and any witnesses and to testify on their own behalf. An aggrieved student can choose to present his/her own case or ask the college to present the case on his/her behalf. All questioning shall be monitored by the hearing officer/panel in order to maintain reasonable order and decorum. The college must be notified 24 hours prior to the hearing if the accused student is bringing witnesses. Likewise the college must inform accused students of witnesses 24 hours in advance.
4. Strict rules of evidence shall not apply to disciplinary hearings. Oral and documentary evidence may be received and considered if it is the kind which responsible persons are accustomed to relying on in serious matters. The hearing officer/panel may, however, exclude irrelevant or unduly repetitious evidence. The hearing officer/panel shall make all rulings on evidentiary questions.
5. The accused student and case presenter may be present throughout the hearing but shall be excluded from the deliberations of the hearing officer/panel.
6. Upon written request, a tape recording of judicial hearings shall be made. If a student requests a tape recording of the proceedings, the principals may have access to the tapes for the purpose of review relating to an appeal. Such tapes shall be kept by the college and will remain on campus until all appeal rights have been exhausted, at which time they will be erased.
7. All hearings will be conducted with due regard to the right to privacy as provided for in the Family Educational Rights and Privacy Act of 1974. Names of students involved in a disciplinary hearing shall not be released except as permitted by law.
8. Hearing Officer or Panel Format
 - a. Call to order
 - b. Introduction by hearing officer or hearing panel members
 - c. Challenge to members of the panel for bias (Panel only)
 - d. Reading of the charges by the hearing officer and citing of the regulations violated
 - e. Presentation of the college's case by the hearing officer
 - f. Presentation of the college's witnesses (Witnesses for the college and the accused are called into the hearing one at a time and questioned individually)
 - g. Questioning of the hearing officer and the witnesses by the accused student
 - h. Presentation of the case by the accused student

- i. Presentation of the witnesses by the accused student; questioning of the accused student and the witnesses by the hearing officer or by the members of the panel
- j. Recall of any witnesses
- k. Summary arguments from each side
- l. Deliberation on the evidence by the hearing officer or members of the panel

F. Appeal Guidelines & Procedures

Students shall be notified in writing of the right to appeal the decision of the hearing officer or the hearing panel to the Judicial Appeals Committee. A "Request for Appeal" form must be completed and returned to the Student Affairs Office within 5 (five) business days. If a student waives his/her right to a hearing or fails to appear for a hearing, he/she cannot appeal.

1. Judicial Appeals Committee

The Judicial Appeals Committee is comprised of a group of faculty members, students and staff members. Student members will be recruited and appointed by the Dean of Academic and Student Affairs or his/her designee. Faculty members are nominated by the faculty chair. Staff members are recruited and appointed by the Dean of Academic and Student Affairs or his/her designee. A pool of members will be recruited from each constituency. The committee will not meet with fewer than 50% of the membership. Residential Life staff members are ineligible to serve on the Judicial Appeals Committee.

2. Appeals Procedure:

- a. Within five business days following a decision by the appropriate college official, the student may appeal the decision to the Judicial Appeals Committee. Appeal forms are available from the Student Affairs Office (Rita Bole 304). Appeals should be submitted to the attention of the Associate Dean of Student Affairs.
- b. The committee will conduct its review and base its decision on the written reports or arguments of the aggrieved student, the hearing report from the hearing officer or panel which originally heard the case, minutes or the tape recording of the original hearing (if applicable), the original reports of alleged misconduct and supporting documentation from the file and any other case materials submitted by the Associate Dean of Student Affairs. Rights of review do not entitle students to personal representation nor to a full rehearing of the case.
- c. The responsibility to "prove" an appeal rests with the student who files it. The student must provide sufficient written material to support his or her case.
- d. Students' appeals must be based upon one or more of the following criteria:
 - I. New evidence has become available that was unavailable at the time of the original hearing. The Judicial Appeals Committee shall rule on the admissibility of new evidence. If the committee rules that the evidence should be admitted, the case shall be returned to an original-level hearing officer or panel. The person bringing charges will be provided with - and given an opportunity to rebut - the new evidence before a new hearing takes place.
 - II. A procedural error that hindered the student in presenting his or her case; such an error must be substantial as to warrant a new hearing. In such cases, a new hearing would take place with an original level hearing officer or panel.
 - III. The severity of the sanction is not consistent with the gravity of the offense. If the Judicial Appeals Committee believes that this is the case, the committee shall recommend a different sanction.
- e. After conducting its review, the Judicial Appeals Committee shall make a recommendation to the college President or designee. This recommendation may be to affirm or reverse the original level decision, to change the sanction(s) or to require a new hearing.
- f. Appeals will generally be reviewed within fifteen business days of the student's written request, unless otherwise approved by the Dean of Student Affairs.

- g. If a new hearing is recommended, it will generally be held within ten days of the President or President's designee's acceptance of the committee's recommendation, unless otherwise approved by the President.
 - h. During summer and vacation periods, when the Judicial Appeals Committee is not convened, the President of the college or designee, who previously was not involved in the case, shall act as final appeal officer.
- Article IV: Interpretation and Revision
Any questions of interpretation regarding this code will be referred to the Dean of Student Affairs or his or her designee for final determination. This Code of Conduct will be reviewed annually under the direction of the Dean of Student Affairs or his or her designee.

A. Student Records

All disciplinary sanctions are a part of the student's confidential record maintained in the Dean of Student Affairs' office. After a period of two years from the student's date of last enrollment in any degree or certificate program, all records and sanctions except dismissal from campus housing, suspension, and dismissal from the college are destroyed.

B. Records and Confidentiality

The Dean of Student Affairs' office shall maintain disciplinary records, tracking system, and a log, which shall include, but not be limited to, the student's name and related identifying information; applicable Code of Conduct section(s); parties involved; description of the incident, sanction, restrictions and any other data deemed relevant. Disciplinary records and related information shall be made available to members of hearing boards, appeals committees and appropriate college personnel who have legitimate professional and educational interest; this includes student members of the appeals committees and other appropriate college personnel, as necessary. If a student has been found guilty of a second alcohol/drug policy violation, parents may be notified of the violation. Additionally, if a first offense is serious enough, i.e., results in hospitalization, injury to others or self, parents may also be notified.

Students may arrange to review their own disciplinary records and related information by contacting the Student Affairs office. For a complete statement of student rights pertaining to the Family Educational Rights and Privacy Act (FERPA), please contact the Dean of Student Affairs office or the Student Service office.

Course Descriptions

Accounting

ACC 2121 - Financial Accounting

Financial accounting introduces students to the problems of external reporting as they relate to sole proprietorships, partnerships and corporations. After exploring the accounting cycle, the instruction allows students to examine the various accounts found in financial statements and learn how to put these accounts together to render meaningful statements that communicate pertinent information to those who read them.

Prerequisites & Notes

The prerequisite is BUS-1090 and BUS 1210 or permission. This course is offered every semester, including summer.

Credits: 4

ACC 2122 - Managerial Accounting

This course explores internal accounting systems and the uses of internally generated data in management. Topics include: the use of financial accounting data, cost-volume-profit analysis, budgets and responsibility accounting, and cost allocations.

Prerequisites & Notes

The prerequisite is ACC 2121. This course is offered every semester.

Credits: 4

ACC 2201 - Intermediate Accounting I

This course provides an intensive study of Generally Accepted Accounting Principles as they relate to the preparation and use of financial statements. Topics include cash, temporary investments, receivables, inventory valuation, plant- asset acquisition and disposal, depreciation and depletion, and intangible assets.

Prerequisites & Notes

The prerequisite is ACC 2122. This course is offered every odd-numbered fall.

Credits: 4

ACC 2202 - Intermediate Accounting II

This course is a continuation of Intermediate Accounting I and covers financial statement reporting and disclosure. Topics include current and long-term liabilities, investments, non-operational revenue, corporate owner's equity, pensions, income taxes, and preparation of the statement of cash flows.

Prerequisites & Notes

The prerequisite is ACC 2201. This course is offered every even-numbered spring.

Credits: 4

ACC 2210 - Cost Accounting

This course examines key concepts and principles used in recording, classifying, and reporting cost data in relationship to planning and control processes. Topics covered in this course include budgeting, job order and job process, activity and responsibility accounting, and variance analysis.

Prerequisites & Notes

The prerequisite is ACC 2122. This course is offered every odd-numbered spring.

Credits: 4

ACC 2230 - Federal Taxes

Federal Taxation acquaints students with the basic rules of federal taxation, and emphasizes the planning and control opportunities that exist as we live and conduct business in the environment of the federal tax system.

Prerequisites & Notes

The prerequisite is ACC 2121 or permission. This course is offered every even-numbered fall.

Credits: 3

ACC 3050 - Computerized Accounting

This course uses software such as QuickBooks Accounting and covers the use of the microcomputer as an accounting tool. Students will apply knowledge of accounting principles and computers to operate integrated accounting software for various aspects of accounting, including general ledger, accounts payable and receivable, inventory, manufacturing, payroll, and depreciation.

Prerequisites & Notes

The prerequisite is ACC 2121. This course is offered every spring and summer.

Credits: 3

ACC 3115 - Advanced Accounting

This course is a continuation of Intermediate Accounting II. Topics covered in this course include business acquisitions, corporate consolidations, foreign currency transactions and multi-national concerns, partnerships, government and not-for-profit accounting, and fiduciary accounting. Special emphasis is placed on the required knowledge for the Uniform CPA Exam.

Prerequisites & Notes

The prerequisite is ACC 2202. This course is offered every even-numbered fall.

Credits: 3

ACC 4050 - Auditing and Assurance Services

Auditing introduces principles and procedures of investigating financial statements and underlying records. Topics covered in this course include types of audits, responsibilities and duties of the auditor, audit standards, audit programs, internal control, the auditor's report, and ethics. The prerequisite is ACC 2202 or permission. This course is offered every odd-numbered spring.

Prerequisites & Notes

The prerequisite is ACC 2202 or permission. This course is offered every odd-numbered spring.

Credits: 3

ACC 4060 - Forensic Accounting

This course is an examination of several different aspects of fraud and focuses on topics such as internal control, financial-reporting fraud, fraud detection and deterrence. Students will utilize accounting techniques and skills from their prior accounting courses to analyze financial statements and make comparisons between financial statements that cover multiple years. Emphasis is on learning to identify irregularities in all aspects of financial statements.

Prerequisites & Notes

The prerequisite is ACC 2202. This course is offered every even-numbered fall.

Credits: 3

Anthropology

ANT 1030 - Introduction to Anthropology

[LGCC4] This course introduces the study of humankind from both biological and cultural perspectives. The instruction provides a survey of the four subfields: physical anthropology, archaeology, sociolinguistics and cultural anthropology. The course examines problems such as human evolution, physical variation and the diversity of human cultures in both the past and the present.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

ANT 2710 - Topics in Anthropology

This course provides students the opportunity to pursue topics of special interest in anthropology appropriate to the 2000-level that are not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisites are ANT 1030 and sophomore standing.

Credits: 1 to 3

ANT 2910 - Independent Study in Anthropology

Independent Study in Anthropology allows the student to pursue the exploration of a topic in anthropology not offered in the regular curriculum, under the tutelage of a department faculty member. An independent-study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are ANT 1030, sophomore standing and permission.

Credits: 1 to 3

ANT 3010 - Native Societies of America

[LGCC4] This course examines relations between ecology and social organization in traditional native societies of North America. The first half of the course surveys Native American societies as a whole and the habitat in which they occurred. The last half is a detailed analysis of Central Arctic seal hunters, Northwest coast fishers, Plains bison hunters, Southwestern Pueblo builders, Mississippi Valley moundbuilders, and Northeast farmers.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every odd-numbered fall.

Credits: 3

ANT 3030 - Comparative Cultures

[LGCC4] This course explores human cultural diversity through case studies of simple to complex, non-western societies. Interactions between people and their environments are the focus of cultural comparison.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every even-numbered fall.

Credits: 3

ANT 3050 - Culture, Ecology, and Health

[LGCC4] This course is designed to explore the nature of disease and illness worldwide. Students will examine the interrelationships between ecology and culture, comparing western healthcare practices with those of indigenous peoples of Africa, Mexico, Southeast Asia, and Native America. The course is taught from an interdisciplinary perspective, incorporating such fields as nutrition, anthropology, history, economics, and medicine.

Prerequisites & Notes

The prerequisites are ANT 1030 or SOC 1010, or sophomore standing. This course is offered every odd-numbered fall.

Credits: 3

ANT 3060 - Ethnocuisine

[LGCC4] This course explores the complex roles of food around the world from an anthropological perspective. Students will conduct a historical and cultural survey of food areas around the world, including foodways associated with Native America, Latin America Asia, Europe, and Africa. The students will engage in a research component called "Cooking Praxis," where they analyze the history, culture, and economies of their assigned region, cook the meal of that region, and discuss their experience in a website blog. Students will explore the foodways used by all levels of society and learn to analyze choices based on a variety of anthropological theoretical frameworks.

Prerequisites & Notes

The pre-requisite is sophomore standing. This course is offered every summer.

Credits: 3

ANT 3070 - Ecotourism

[LGGE6] This course examines ecological and anthropological principles as applied to tourism. It identifies principles of human behavior used in eco-tourism issues and studies the relationship between natural resources, cultural relativism, and tourism. It also analyzes the planning and management of natural, cultural resources and peoples' way of life for sustainable use in tourism with special focus on rural and village areas, wildlife sanctuaries, deserts, and other ecosystems such as forests, mountains, beaches, and islands.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every odd-numbered spring.

Credits: 3

ANT 3310 - Myth, Magic & Religion

[LGCC4] This course is designed to provide an overview of myth, ritual, and ideological tenets of cultures around the world. Although focused on indigenous (native) religious contexts, the course examines the synthesis between original belief systems and the major world religions such as Buddhism, Taoism, Islam, Christianity, and Judaism. Students will further learn how to relate religion to other socio-cultural processes such as economics, politics, gender, and sexuality.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every odd-numbered fall.

Credits: 3

ANT 3820 - Anthropology Fieldwork

This course is designed to train students in social science fieldwork techniques with emphasis on anthropological qualitative methods of participant observation, interview, kinship analysis, life case history, and photography. It will involve traveling to and living among the group under study. The actual field study will be preceded by preparatory background study and followed by data analysis and a written report. This course may be repeated once for credit, with instructor's permission, if new work is undertaken.

Prerequisites & Notes

The prerequisite is ANT 1030 or permission. This course is offered during the summer.

Credits: 1 to 6

ANT 4710 - Topics in Anthropology

This course provides students with the opportunity to pursue topics of special interest in anthropology appropriate to the 4000-level not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisite is junior standing

Credits: 1 to 3

ANT 4910 - Independent Study in Anthropology

Independent study in Anthropology allows the student to pursue an advanced, in-depth study of a topic in history not offered in the regular curriculum, under the tutelage of a department faculty member. An independent-study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are junior standing and permission

Credits: 1 to 3

Art

ART 1011 - Drawing I

[LGAD3] This course provides an introduction to drawing mediums, techniques, and concepts, with emphasis on drawing from observation.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

ART 1015 - Art Foundations

[LGAD3] This course is an introduction to the expressive and aesthetic aspects of art. The process of creating original works of art, composition, color and understanding art from an artist's point of view will be emphasized.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

ART 1410 - Digital Photography

[LGAD3] This course explores the mechanical and electronic aspects of digital photography, as well as the basic tools of image manipulation. Instruction focuses on composition and the aesthetics of digital images. Access to a digital camera is required.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

ART 2020 - Color Theory

This course explores color theory as related to art, print, design, film, web, and other visual mediums. Instruction investigates color harmonies, effects, visual perception, and color symbolism.

Prerequisites & Notes

The co-requisite is DES 1035. There is a course fee. This course is offered every semester.

Credits: 2

ART 2030 - Decorative Arts

[LGAD3] This course is an introduction to a variety of decorative art mediums. Students will explore processes such as papermaking, marbling, pattern design, textile printing and fabric dyeing. Emphasis will be on creativity, the expressive use of color, and development of artistic technique.

Prerequisites & Notes

The prerequisite is sophomore standing. There is a course fee. This course is offered every even-number spring.

Credits: 3

ART 2045 - 3D Modeling

This course introduces students to 3D character and object modeling. The instruction consists of using 3D animation software to complete self-directed modeling projects.

Prerequisites & Notes

The prerequisites are ART 1011, ART 2020, and DES 1025. There is a course fee. This course is offered every fall.

Credits: 3

ART 2055 - Onsite Sketching

[LGAD3] This intensive studio course focuses on one aspect of the illustration world: reportage(onsite illustration). The class will explore drawing skills, design basics, layout, perspective, line quality, and color by practicing onsite illustrations of the surrounding landscape, including buildings, objects, and people in order to tell a story or to depict a mood.

Prerequisites & Notes

This course may be repeated up to three times for credit, but only 3 credits may be counted toward program requirements. There is a course fee. This course is offered every spring and summer.

Credits: 3

ART 2070 - Introduction to Animation

This course explores the process of traditional animation. Students will learn the basics of the animation process and its application by story boarding and creating basic animation.

Prerequisites & Notes

The prerequisites are ART 1011, DES 1020, and DES 1025. There is a course fee. This course is offered every spring.

Credits: 3

ART 2115 - Digital Arts

[LGAD3] This course explores the use of digital technology as a venue for making art. Students will create original artwork using software programs in conjunction with digital photography and scans of traditional artwork. Contemporary digital artists and exhibition practices will be investigated.

Prerequisites & Notes

There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

ART 2121 - Calligraphy I

[LGAD3] The study and practice of historical and contemporary calligraphy will be introduced in this class. Techniques of lettering by hand and the anatomy of letterforms will be studied in depth.

Prerequisites & Notes

There is a course fee. This course is offered every odd-numbered fall.

Credits: 3

ART 2241 - Painting I

[LGAD3] This course introduces techniques in watercolor painting, including preparation steps, paper selection, color mixing, and painting methods. Instruction covers aesthetics, composition, and possibilities of the medium.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

ART 2251 - Sculpture I

[LGAD3] This course introduces students to historical and contemporary sculpture. Studio projects explore form, space, and dimension utilizing a variety of mediums.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 3

ART 2270 - Introduction to Illustration

This course examines the process of traditional illustration and introduces students to thinking conceptually in a visual manner. Students will learn the basics of the illustration process, perspective, drawing, and its application by exploring the use of different traditional mediums to communicate ideas visually.

Prerequisites & Notes

The prerequisite is ART 1011. This course is offered every fall.

Credits: 3

ART 2301 - Photography I

[LGAD3] This course offers a comprehensive introduction to the art, science and craft of photography. The instruction covers such subjects as camera controls and operation, film exposure and development, black-and-white darkroom printing, print finishing and presentation aesthetics, and history.

Prerequisites & Notes

A fully functional and adjustable 35mm SLR camera with 50mm lens is required. There is a course fee.

Credits: 3

ART 2530 - Intermediate Illustration

This course expands students' skills in illustration and depicting concepts through story telling, and introduces students to the business of illustration. Students will continue to develop their own style in traditional and digital media.

Prerequisites & Notes

The prerequisites are ART 2270 and DES 2950. There is a course fee. This course is offered every spring.

Credits: 3

ART 2610 - Advanced Digital Photography

This course provides students with techniques in digital photography that expand the use of native digital files, image conversions, filters, and printing. Students develop a professional or personal digital-photography portfolio.

Prerequisites & Notes

The prerequisites are either ART 1410 or ART 2301 and DES 1020 and DES 1025. There is a course fee. This course is offered every spring.

Credits: 3

ART 2710 - Special Topics in Art

This course offers topics of special interest in a variety of areas that are not treated in the regular curriculum. The course may be repeated once for credit.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee.

Credits: 1 to 3

ART 2910 - Independent Study in Art

This course gives the student an opportunity to work on a special area of interest that is not possible through the standard curriculum.

Prerequisites & Notes

The prerequisite is permission of the instructor.

Credits: 1 to 3

ART 3020 - Digital Painting

This course concentrates on visual principles and digital techniques for painting and illustrating using industry-standard software as a tool to mimic traditional art media. Students continue to develop their skills in both conceptual and narrative illustration.

Prerequisites & Notes

The prerequisite is DES 1025. There is a course fee. This course is offered every even numbered spring.

Credits: 3

ART 3031 - Life Drawing

This is a classic figure-drawing course, which explores human form and addresses such issues as anatomy, gesture, technique, and content. This course may be repeated once for credit.

Prerequisites & Notes

The prerequisite is ART 1011. There is a course fee. This course is offered every spring.

Credits: 3

ART 3050 - Painting II

This course introduces techniques in acrylic painting, including preparation steps, canvas selection, color mixing, and painting methods. Instruction covers aesthetics, composition, and other possibilities of the medium.

Prerequisites & Notes

The prerequisite is ART 1011. There is a course fee. This course is offered every odd numbered spring.

Credits: 3

ART 3060 - Book Arts

[LGAD3] This course is an introduction to the design and construction of handmade artist's books. Opportunity will be provided for the creation of artwork, photography, or other content in addition to learning multiple styles and bindings for books.

Prerequisites & Notes

The prerequisite is sophomore standing. There is a course fee. This course may be repeated once for credit. This course is offered every fall.

Credits: 3

ART 3070 - Advanced Illustration

This studio course focuses on providing the student an increased understanding of the art of illustration. Students will continue to develop drawing and conceptual skills, their own distinct illustration style, and the ability to communicate visually through illustration, in traditional and/or electronic media.

Prerequisites & Notes

The prerequisite is ART 2530. There is a course fee. This course is offered every spring.

Credits: 3

ART 3085 - 3D Animation

This course introduces fundamental concepts of 3D animation. By building and rigging simple characters, the twelve principles of animation will be applied to the digital format and students will develop the necessary skills needed to create short animated films using 3D software.

Prerequisites & Notes

The prerequisite is ART 2045. There is a course fee. This course is offered every spring.

Credits: 3

ART 3160 - Character Design

This course focuses on character development and creation skills, including pencil and paper, maquettes, digital sculpting, and digital painting techniques. Topics may include character appeal, character archetypes, biophilia, historical approaches, and current stylistic/ethical debates over character depictions in animation, cartooning, and other visual media. Heavy emphasis will be placed on drawing, creating model/style sheets, caricature, storytelling, and production of work for a professional portfolio.

Prerequisites & Notes

The prerequisites are ART 2045 and ART 3031. There is a course fee. This course is offered every odd numbered fall.

Credits: 3

ART 3210 - Puppetry

[LGAD3] This course takes creative approaches to puppetry and mask making. Instruction includes the construction of puppets, masks and sets. Students are involved in various aspects of performance.

Prerequisites & Notes

There is a course fee. This course is offered every even-numbered fall.

Credits: 3

ART 3260 - Commercial Photography

This course introduces students to studio photography for the commercial marketplace. The course involves a variety of commercial projects, including product photography and portraiture. Topics will include composition, exposure, and studio-lighting techniques.

Prerequisites & Notes

The prerequisites are either ART 1410 or ART 2301, and DES 1020 and DES 1025. There is a course fee. This course is offered every fall.

Credits: 3

ART 3270 - Advanced Photography

This course is designed for the intermediate and advanced student working in film-based black and white photography. Technical control and artistic expression are emphasized as students develop their visual perception and an awareness of photographic possibilities. Students will generate a personal portfolio of prints, and the students will sequence a book of student photographs, which is printed, bound and put up for sale. Lab fee covers film, paper, chemistry and a copy of the book.

Prerequisites & Notes

A 35 mm camera with adjustable aperture and shutter speed is required. The prerequisite is ART 2301. This course may be repeated once for credit. There is a course fee. This course is offered every fall.

Credits: 3

ART 3415 - Animation Illustration Workshop I

This course introduces the production team process by engaging and applying students' individual strengths and interests in development roles on larger team projects directed by students in ART 4415. The roles will be project specific and may include cleanup, inbetweening, basic tasks and functions, and the execution of projects for festivals and screenings.

Prerequisites & Notes

The prerequisites are DES 2950, and one of ART 2241, ART 2530, or ART 3085. There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every fall.

Credits: 3

ART 3515 - Animation Illustration Workshop II

This course complements skills and processes introduced in ART 3415 through projects directed by students in ART 4515.

Prerequisites & Notes

The prerequisite is ART 3415. There is a course fee, but students may be required to incur additional expenses toward the

completion of their projects. This course is offered every spring.

Credits: 3

ART 4170 - Visual Narrative

This course provides students concepts of visual story-telling as it relates to the different types of narrative, including but not limited to storyboarding, children's picture books, and the sequential art of graphic novels and comic books. Students will continue to develop drawing skills, a personal style, and the ability to communicate visually using traditional and electronic media.

Prerequisites & Notes

The prerequisites are ART 2270 and ART 3031. There is a course fee. This course is offered every even-numbered fall.

Credits: 3

ART 4175 - Advanced 3D Animation

This course focuses on advanced skills in which the animator develops depth of knowledge and productivity in 3D animation. The continued use of the twelve principles of animation will be applied to the digital format for the purpose of designing and developing advanced 3D animated films.

Prerequisites & Notes

The prerequisite is ART 3085. There is a course fee. This course is offered every spring.

Credits: 3

ART 4415 - Animation Illustration Workshop III

This course places students in leadership roles in the production of advanced animation and illustration projects in conjunction with students in ART 3415, who will serve in support roles during the production process.

Prerequisites & Notes

The prerequisite is ART 3515. There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every fall.

Credits: 3

ART 4515 - Animation Illustration Workshop IV

This course complements work in ART 4415 in collaboration with students in 3515. Acting as project leaders, students will complete a culminating body of work worthy of portfolio inclusion or festival submission.

Prerequisites & Notes

The prerequisite is ART 4415. There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every spring.

Credits: 3

ART 4611 - Senior Thesis I

Students in this course will develop, plan, and execute a personal capstone project related to the visual arts. Examples of possible projects include, but are not limited to, the development of an industry-specific portfolio, self-promotion or marketing of a business, or preparation for a graduate program. BFA Animation/Illustration students will complete their two-semester senior project in ART 4612.

Prerequisites & Notes

The prerequisites are senior standing and permission. There is a course fee. This course is offered every semester.

Credits: 3

ART 4820 - Animation Illustration Internship

This internship offers students the opportunity to gain "on the job" experience in the animation and/or illustration field. Job-site supervisors serve as mentors to students, offering their individual expertise and guidance. Students must apply for an internship in advance and meet with their academic advisor to discuss procedural details. A contract must be established between the student, job-site supervisor, and faculty supervisor, subject to the departmental approval.

Prerequisites & Notes

The prerequisites are junior standing and permission, which requires a portfolio application. The internship may be repeated for credit, but only 3 credits may be counted toward program requirements.

Credits: 1-15

ART 4910 - Independent Study

This course gives the advanced student an opportunity to work on a special area of interest that is not possible through the standard curriculum. The independent study contract must be approved, signed, and submitted before the current semester's registration period closes.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1-3

Art History

ARH 2011 - Survey of Western Art I

[LGPP5] This course provides a survey of the history of Western art from prehistoric times to the early Renaissance, with emphasis on developing visual awareness and the ability to analyze works of art. This instruction examines selected works in terms of their historical and cultural elements and the phenomenon of stylistic change over the centuries.

Prerequisites & Notes

The prerequisite is ENG 1082. There is a course fee. This course is offered every fall.

Credits: 3

ARH 2012 - Survey of Western Art II

[LGPP5] This course surveys the history of Western art from the Renaissance to the present. The instruction provides emphasis on developing the student's visual awareness and ability to analyze works of art. The instruction consists of lectures that examine selected works in terms of their historical and cultural elements and the phenomenon of stylistic change over the centuries.

Prerequisites & Notes

The prerequisite is ENG 1082. There is a course fee. This course is offered every spring.

Credits: 3

ARH 2070 - History of Photography

[LGPP5] This course will explore the history of photography from its inception through modern times. Students will gain an understanding of the cultural impact of photography.

Prerequisites & Notes

The prerequisite is ENG 1082. There is a course fee. This course is offered every spring.

Credits: 3

ARH 3080 - History of Animation and American Illustration

This course introduces the student to the history, evolution, and popular trends of animation and American illustration from the industrial revolution to the present day. Students will also explore the relationship and influence of fine art and graphic design on the two narrative art forms and how animation and illustration have influenced fine art and graphic design.

Prerequisites & Notes

The prerequisite is ARH 2011 or ARH 2012. There is a course fee. This course is offered every even-numbered fall.

Credits: 3

ARH 3090 - Historical Themes in the Visual Arts

This course provides in-depth study of specific topics, themes, artists, mediums, and/or periods etc. within the History of the Visual Arts. Topics will rotate based on faculty expertise. This course may be repeated once for credit with a change of topic.

Prerequisites & Notes

The prerequisites are ENG 1082 and permission. There is a course fee. This course is offered every odd-numbered fall.

Credits: 3

Atmospheric Sciences

ATM 1010 - Elementary Meteorology

[LGSE8] This course presents an introduction to meteorology, primarily for the non-science major. Topics may include weather observation, clouds and precipitation, radiation and weather phenomena, the laws of motion of the atmosphere, the general circulation, air masses and fronts, cyclones and anticyclones, the weather map, and an introduction to weather forecasting.

Prerequisites & Notes

The prerequisite is Basic Math competency (MAT 0010 and MAT 0221). There is a course fee. This course is offered every summer and fall.

Credits: 4

ATM 1020 - Elementary Climatology

[LGSE8] This course presents an introduction to climate science, primarily for the non-science major. Topics may include the causes and impacts of global climate, how all parts of the earth system (sun, ocean, land, and air) work together, how climate has recently changed due to human activity, and how society is impacted by climate changes (food availability, energy usage, economic and transportation systems, governmental policies, and lifestyles).

Prerequisites & Notes

The prerequisite is Basic Math competency (MAT 0010 and MAT 0221). There is a course fee. This course is offered every odd numbered summer and odd numbered spring.

Credits: 4

ATM 1030 - Elementary Oceanography

[LGSE8] This course presents an introduction to oceanography, primarily for non-science majors. Topics may include life in the ocean, the composition of sea water, waves, tides, currents, ocean basin formation, and environmental issues related to the oceans.

Prerequisites & Notes

The prerequisite is Basic Math competency (MAT 0010 and MAT 0221). There is a course fee. This course is offered every even numbered summer and even numbered spring.

Credits: 4

ATM 1040 - Field Experience

This experiential course includes a supervised on-site educational activity at an operational meteorological facility or an on-site instrument usage, data gathering, and data analysis experience as a major component. This course may be repeated when no duplication of experience results.

Prerequisites & Notes

The prerequisite is permission. There is a course fee. This course is offered every fall.

Credits: .5 to 3

ATM 1050 - Problem Solving in Atmospheric Sciences

This course introduces fundamental atmospheric physical processes such as radiation, thermodynamics, and the forces creating wind. An emphasis is placed on problem solving and graphing scientific data.

Prerequisites & Notes

The prerequisite is MAT 1020 or a higher level mathematics course required for the major. There is a course fee. This course is offered every spring .

Credits: 3

ATM 1060 - New Student Seminar in Atmospheric Sciences

This course introduces Atmospheric Sciences majors to the intellectual and social environment of college. Students will discuss skills that will help them to be successful within the Atmospheric Sciences program and more broadly at Lyndon. These skills include managing time and money, effective studying, test taking, problem solving, and critical thinking. This course discusses career paths in Atmospheric Sciences and the skills required to be successful in the workforce. The importance of general education is also covered.

Prerequisites & Notes

There is a course fee. This course is offered every fall semester.

Credits: 1

ATM 1211 - Survey of Meteorology I

This course introduces the study of the atmosphere and is designed for atmospheric science and other science-oriented students. Topics may include atmospheric structure, weather instrumentation, temperature, seasons, humidity, clouds, precipitation, atmospheric stability, optical phenomena, and thunderstorms and tornadoes.

Prerequisites & Notes

The prerequisite is high school physics or PHY 2031, and the co-requisite is MAT 1410 or a higher level math course required for the major. There is a course fee. This course is offered every fall.

Credits: 2

ATM 1212 - Survey of Meteorology II

[LGSE8] This course builds on the principles learned in ATM 1211 and is designed for atmospheric science and other science-oriented students. Topics may include the exploration and study of weather features such as fronts, cyclones, thunderstorms, tornadoes, and hurricanes. The instruction covers basic weather data acquisition, decoding and interpretation of surface weather observations, analysis of surface weather maps, and upper-level analysis in the context of midlatitude cyclone lifecycles. This course requires a lab component.

Prerequisites & Notes

The prerequisites are MAT 1410 and ATM 1211. There is a course fee. This course is offered every spring.

Credits: 3

ATM 2020 - Atmospheric Thermodynamics

This course provides an application of physics and calculus to the study of atmospheric thermodynamics and provides a foundation for more advanced topics such as dynamics, cloud physics, and weather forecasting. Topics may include ideal gas properties, work and energy, hydrostatics, thermodynamics of dry, moist, and saturated air, and thermodynamic diagrams.

Prerequisites & Notes

The prerequisites are MAT 2532, ATM 1212, and PHY 2062. There is a course fee. This course is offered every fall.

Credits: 3

ATM 2061 - Survey of Climate and Statistics I

This course is designed for science majors and introduces the study of climatology using statistical concepts. Topics may include atmospheric composition, controls of climate, atmospheric interaction with other climate components, energy balances, the hydrologic cycle, general circulation, and climate classifications. Statistical concepts include probability, numerical and graphical summaries, and re-expression.

Prerequisites & Notes

The co-requisite is MAT 1531 or a higher math course required for the major, or permission. There is a course fee. This course is offered every fall.

Credits: 2

ATM 2062 - Survey of Climate and Statistics II

This course expands on the study of climatology and may include topics such as regional climates, natural and anthropogenic climate change and variability, coupling between the atmosphere and ocean, statistical forecasting, and climate modeling. Instruction applies additional statistical concepts, such as paired data exploration and significance testing, to various types of climate data to study spatial and temporal climate variability, teleconnections, and trends. This course requires a lab component.

Prerequisites & Notes

The prerequisite is ATM 2061, and the co-requisite is MAT 2532 or a higher math course required for the major, or permission. There is a course fee. This course is offered every spring.

Credits: 3

ATM 2210 - Geophysical and Human Interactions

[LGNR7] This course examines the interactions among humans, the earth, and the atmosphere. Topics may include the human impact on weather, climate, tropospheric pollution, ozone, precipitation acidification, desertification, and biogeochemical cycles. Societal, health, and economic impacts of these phenomena on the human condition are explored. Policy, mitigation, and adaptation strategies to our changing climate are discussed.

Prerequisites & Notes

The prerequisite is MAT 1020. There is a course fee. This course is offered every odd numbered fall.

Credits: 3

ATM 3050 - GIS Applications in Atmospheric Sciences

This course introduces GIS for data analysis in atmospheric science. Topics may include types of GIS data, projections, geo-referencing and reclassifying imagery, creating personal geo-databases, spatial analysis, spatial data acquisition, interpolation techniques, animation, and shape file creation. This course also covers conversion and integration of geospatial data into commonly used application programming interfaces.

Prerequisites & Notes

The prerequisite is junior standing or permission. There is a course fee. This course is offered every fall.

Credits: 3

ATM 3110 - Remote Sensing

The course lecture sessions provide an overview of the operation and performance of various meteorological sensors and platforms, including Doppler radar, wind profilers, balloons and sondes, satellites, aircraft, and ASOS. The laboratory includes

the study and use of data and products from meteorological remote sensing systems, including launching a radio-temponde and analyzing its data.

Prerequisites & Notes

The prerequisites are ATM 3140, ATM 3321, and ATM 3331. There is a course fee. This course is offered every spring.

Credits: 3

ATM 3140 - Physical Meteorology

This course examines topics such as radiation processes in the earth's atmosphere, cloud physics, atmospheric optics, atmospheric electricity, and aeronomy.

Prerequisites & Notes

The co-requisite is ATM-2020. There is a course fee. This course is offered every fall.

Credits: 3

ATM 3170 - Weather Risk Assessment

This course investigates weather and climate risks posed to society and industry. Industries sensitive to weather risk are highlighted. The assessment of risk exposure on weekly to seasonal time scales is accomplished using statistical analysis. The process of monetizing weather and climate effects is described. Effective risk management and decision-making are also discussed.

Prerequisites & Notes

The prerequisite is ATM 2060. There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

ATM 3270 - Television Weather Graphics

This course introduces students to graphical software used in broadcast meteorology. Students will learn how to construct technically correct and visually appealing weather graphics using WSI software.

Prerequisites & Notes

The prerequisite is ATM 2062. There is a course fee. This course is offered every fall.

Credits: 1

ATM 3310 - Forecasting Applications

This course focuses on the application of weather information to weather-sensitive industries. The course develops weather forecasting and technical skills through a variety of simulated forecast challenges for various clients. This course illustrates how meteorologists add value to weather-sensitive industries. Effective interpersonal communication skills and client relations are discussed.

Prerequisites & Notes

The prerequisite is ATM 2060. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

ATM 3321 - Atmospheric Dynamics I

This course uses physics and calculus to examine relationships between forces and motion on a rotating earth. Kinematic principles, such as vorticity and divergence, are introduced, and conservation laws are explored with respect to momentum, mass and energy, and various wind balances.

Prerequisites & Notes

The prerequisites are ATM 2020, ATM 3331, MAT-2543, and PHY 2062. There is a course fee. This course is offered every spring.

Credits: 3

ATM 3322 - Atmospheric Dynamics II

This course expands upon the concepts introduced in ATM 3321 to understand Rossby waves, synoptic-scale instability theory, fronts, and jets. Quasi-geostrophic and potential vorticity frameworks are used to understand the development/decay and movement of midlatitude extratropical cyclones.

Prerequisites & Notes

The prerequisites are ATM 3321 and ATM 3332. There is a course fee. This course is offered every fall.

Credits: 3

ATM 3331 - Analysis and Forecasting I

This course introduces analysis techniques to diagnose past and present weather conditions, and methods to ultimately predict the future state of the atmosphere. Topics may include synoptic mid-latitude weather systems and their mesoscale structures, the effective use of modern numerical weather prediction, and analysis of data from various sources for timely and accurate weather forecast decision making.

Prerequisites & Notes

The co-requisite is ATM 2020. The co-requisite is ATM 3321. There is a course fee. This course is offered every fall.

Credits: 3

ATM 3332 - Analysis and Forecasting II

This course expands upon the concepts introduced in ATM 3331 to accurately diagnose the atmosphere and incorporate forecasting techniques and strategies so that one can construct a forecast based on sound scientific principles and reasoning. Topics may include Quasi-Geostrophic diagnosis and prediction of high-impact weather associated with synoptic scale midlatitude cyclones, and practices and limitations of modern numerical weather prediction.

Prerequisites & Notes

The prerequisite is ATM 3331, and the co-requisite is ATM 3321. There is a course fee. This course is offered every spring.

Credits: 3

ATM 4010 - Television Weathercasting

This course allows students to prepare unique weather forecasts which are communicated to nearly 10,000 local households via live on-camera presentations using the News7 studios. Instruction includes one-on-one critiquing/coaching to develop and

improve weather storytelling on live TV. This course may be repeated once for credit.

Prerequisites & Notes

The prerequisites are ATM 3332 and ATM 3270. The co-requisites are EJA 3222 and permission. There is a course fee. This course is offered every semester.

Credits: 1

ATM 4030 - Physical Climatology

This course examines the climate system based on fundamental physical principles and statistical theory. Topics may include the dynamical influences of climatic indicators, such as sea-surface temperature, on planetary circulation regimes, commonly identified intraseasonal-to-multidecadal climate variations, teleconnections, and their relationships to high impact weather/climate events and medium-range forecasting.

Prerequisites & Notes

The prerequisite is ATM 2061. There is a course fee. This course is offered every even numbered spring.

Credits: 3

ATM 4040 - Physical Hydrology

This course introduces hydrology with application to the atmosphere and upper one meter of the terrestrial surface. The instruction covers such topics as hydrologic cycle, precipitation, evapotranspiration, soil moisture transfer, surface runoff, flood prediction and mitigation, flash flooding, terrain influence on water flow, drainage basins, and natural and anthropogenic changes to hydrologic cycle. The instruction includes the study of computer models of soil moisture and canopy energy transfer to demonstrate air-soil moisture interactions.

Prerequisites & Notes

The prerequisite is ATM 2020. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

ATM 4110 - Numerical Weather Prediction

This course focuses on numerical weather prediction, including both regional climate models and general circulation models. The instruction covers such topics as the governing equations, numerical methods, model configurations, history of numerical modeling, climate change scenarios, ensembles, and atmospheric predictability.

Prerequisites & Notes

The prerequisites are ATM 2020 and ATM 3331. There is a course fee. This course is offered every odd numbered spring.

Credits: 3

ATM 4120 - Mesoscale Meteorology

This course focuses on the structure, evolution, and dynamics of atmospheric phenomena having spatial scales between 2 and 2,000 km., which are studied through the examination of data from a variety of observing platforms, mesoscale models, case studies, and multi-media instructional modules. Topics may include sea/land/lake breezes, the dryline, coastal fronts, gust fronts, air-mass thunderstorms, multicell thunderstorms, supercells, mesoscale convection systems, bow echoes, derechoes, tornadoes, and gravity waves.

Prerequisites & Notes

The prerequisites are ATM 3321 and ATM 3331. There is a course fee. This course is offered every fall.

Credits: 3

ATM 4140 - Climate Change Dynamics

This course discusses natural and anthropogenic impacts on the global energy budget, global carbon cycling, and radiative forcings. Topics may include general circulation dynamics and modeling, theories of climate change controls, and observational evidence for climate change.

Prerequisites & Notes

The prerequisite is ATM 2061. The co-requisite is ATM 3321, or permission. There is a course fee. This course is offered every odd numbered spring.

Credits: 3

ATM 4410 - Workshop on Weathercasting Techniques

This course offers TV weathercasting training facilitated by professional TV meteorologists. During the fall semester, instruction includes an overview of the current state of the TV weather, business, and one-on-one guidance on the effectiveness of students' on-camera performance and weather storytelling skills. During the spring semester, instruction includes feedback on News7 shows and assessment of improvement from the fall semester. This course may be repeated once for credit.

Prerequisites & Notes

The prerequisites are ATM 3332, and permission. There is a course fee. This course is offered every semester.

Credits: 1

ATM 4610 - Mathematical Studies in Atmospheric Sciences I

This course allows students to use their knowledge of mathematics to investigate a meteorologically-related topic at a level beyond those which are presented in courses in the Atmospheric Sciences B.S. program.

Prerequisites & Notes

The prerequisite is ATM 3321. This course is offered every fall.

Credits: 1

ATM 4620 - Mathematical Studies in Atmospheric Sciences II

Students complete the research program started in ATM 4610, then write and present their work.

Prerequisites & Notes

The prerequisite is ATM 4610. This course is offered every spring.

Credits: 1

ATM 4710 - Topics in Atmospheric Sciences

This course offers a study of topics of special interest, not extensively treated in regularly scheduled offerings. Topics may include: Oceanography, Aviation Meteorology, Tropical Meteorology, Air Pollution, Space and Weather, and IPCC Reports.

Prerequisites & Notes

The prerequisite is permission.

Credits: 0.5-4

ATM 4712 - Thesis in Atmospheric Sciences I

This course discusses meteorological research methodology and then requires students to research and write a major paper on a topic in the atmospheric sciences.

Prerequisites & Notes

The prerequisites are ATM 3321, ATM 3332 and ATM 3140. There is a course fee. This course is offered every fall.

Credits: 2

ATM 4713 - Thesis in Atmospheric Sciences II

This course provides an opportunity for students to revise and expand the content and style of the report written in ATM 4712 and includes a unique research component.

Prerequisites & Notes

The prerequisites are ATM 3322, ATM 4120, and ATM 4712. There is a course fee. This course is offered every spring.

Credits: 2

ATM 4820 - Co-op in Atmospheric Sciences

This cooperative education course provides college credit for field placement with a commercial, governmental, or non-profit organization and is designed to provide the student with experience in practical application of theories and principles learned in the classroom. The work experience must be approved in advance by the department, the employer, and the college.

Credits: 1 to 15

ATM 4900 - Independent Study, Directed Study, and Special Projects in Atmospheric Sciences

This course allows students to select a topic or project in atmospheric sciences for detailed independent or directed study under the supervision of a department faculty member.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1 to 3

Biology

BIO 1110 - Bird Identification

This course is designed for students interested in being able to identify the local birds in field and in laboratory. A final field test and bird list is required.

Prerequisites & Notes

There is a course fee. This course is offered by student request.

Credits: 2

BIO 1210 - Introduction to Biology

[LGSE8] An introduction to the study of life, including cells, organisms, ecosystems, and evolution, and the techniques of the biologist. This course is recommended for non-science majors.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 4

BIO 1211 - Introduction to Biology: Ecology and Evolution

[LGSE8] In this course, students will examine the "process of science" with hands-on field and laboratory experiments. Concepts in the evolutionary history of biological diversity, ecology, and the biosphere, and conservation biology will be covered. This course is recommended for science majors.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 4

BIO 1212 - Introduction to Biology: Cells and Genetic Basis

[LGSE8] This course will introduce students to biology through the unifying theme of the "process of science" -- what we know, how we know it, and what we don't know yet. The course will cover topics in the chemistry of life, cell structure and function, cell reproduction, classical and molecular basis of inheritance, and DNA technology. This course is recommended for science majors, including exercise science.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 4

BIO 2011 - Human Anatomy and Physiology I

[LGSE8] First semester of a two-semester course which examines the structure and function of the human body. Topics include: chemistry, cells, tissues, skeletal system, muscular system, and nervous system.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 4

BIO 2012 - Human Anatomy and Physiology II

This course is a continuation of BIO 2011. Topics include the structure and function of the other organ systems.

Prerequisites & Notes

The prerequisite is BIO 2011. There is a course fee. This course is offered every semester.

Credits: 4

BIO 2020 - Laboratory Techniques in Exercise Science

This course addresses contemporary theories and techniques for data acquisition, processing and analysis from instruments typically used in the research and clinical settings of Exercise Science. The course integrates library and information technology towards evaluation and presentation of laboratory findings in light of published scholarship.

Prerequisites & Notes

The prerequisite is GEU mathematics. There is a course fee. This course is offered every fall.

Credits: 3

BIO 2060 - Nutrition for Health and Fitness

This course considers diet and its relationship to healthy lifestyles. Students analyze their own diets, body types, and activities by computerized nutritional and exercise assessment and a variety of body composition measures. Conclusions on these analyses are drawn from study of the chemistry and metabolism of nutrients, the physiology of body constitution and its changes, examination of dietary facts, fictions, theories, food supplements and labeling, eating behaviors and disorders and their medical implications.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 3

BIO 2370 - Biology Modules

Biology Modules provides an introductory study of a specific topic in biology not duplicated elsewhere in the curriculum. These topics will often reflect the interests of biology faculty with respect to general principles and methodology of study.

Prerequisites & Notes

There is a course fee. This course is offered by student request.

Credits: 1 to 4

BIO 3020 - Field Zoology

This course utilizes a variety of field-based data-collection techniques to study local animal diversity including invertebrates, birds, mammals and amphibians. Field techniques include capture, marking, collection and museum preparation, point counts, transect sampling and non-invasive sampling. Students make a collection or complete a research project.

Prerequisites & Notes

There is a course fee. The prerequisite is BIO 1211 or permission. This course is offered every odd-numbered fall.

Credits: 4

BIO 3050 - Natural History of Vertebrates

The course provides a study of the phylogeny, evolution, biogeography, physiology, and general-life histories of the vertebrates, with emphasis on the New England fauna. The laboratory work includes the study of a selection of examples from each vertebrate class with a view to better understanding the phylogeny and morphology of each group and their environmental adaptation. The course requires two classroom hours and one three-hour lab per week.

Prerequisites & Notes

The prerequisite is BIO 1211 or BIO 1212 or permission. There is a course fee. This course is offered by student request.

Credits: 4

BIO 3110 - Field Ornithology

This course is a field-oriented course designed for students interested in the study of birds primarily as an avocation. Identification, conservation, and life history of the local bird fauna are stressed.

Prerequisites & Notes

There is a course fee. This course is offered by student request.

Credits: 3

BIO 3120 - Principles of Ornithology

This course focuses on an appreciation for avian diversity through the study of museum specimens and field trips. The instruction provides an advanced study of avian biology, including morphology, physiology, taxonomy, evolution, ecology, and behavior.

Prerequisites & Notes

The prerequisite is BIO 1211 or BIO 1212. There is a course fee. This course is offered every even-numbered spring.

Credits: 4

BIO 3140 - Introduction to Microbiology

The instruction of this course focuses on the study of microorganisms, including growth and morphology of representative organisms, microbial physiology, and selected topics in bacterial pathogenesis, virology, and immunology. The laboratory exercises develop fundamental skills in aseptic technique, microscopy, pure culture study, and the isolation and identifications of selected microorganisms.

Prerequisites & Notes

The prerequisite is BIO 1212, or permission. There is a course fee. This course is offered every spring and summer.

Credits: 4

BIO 3160 - Animal Behavior

Animal Behavior explores the relationships of ecology, taxonomy, and evolution to behavior from the viewpoint of natural selection. The instruction includes such topics as the principles of animal behavior; the concepts and methods of study; invertebrate and vertebrate nervous organization, communication, and social behavior. The laboratories include experimental investigations, films, and field trips. The course requires two two-hour combination lecture/labs per week and several extended field trips.

Prerequisites & Notes

There is a course fee. This course is offered by student request.

Credits: 4

BIO 3220 - Genetics

This course balances coverage of classical genetics and modern molecular genetics. The instruction includes DNA structure, the genetic code, classical inheritance, quantitative traits, genetic mapping, mutation and genomics. Laboratory exercises expose students to applications of bioinformatics, genetic engineering, DNA fingerprinting and microarray analysis. The prerequisite is BIO 1212 or permission. There is a course fee. This course is offered every even-numbered spring.

Prerequisites & Notes

The prerequisite is BIO 1212 or permission. There is a course fee. This course is offered every even-numbered spring.

Credits: 4

BIO 3280 - Environmental Toxicology

This course introduces students to the field of environmental toxicology and environmental remediation. Environmental toxicology is the intersection of a variety of different disciplines including chemistry, ecology, biology, microbiology, physics, statistics, meteorology, and genomics. The impacts of pollutants on the structure and function of ecological systems are examined in depth. Topics include environmental sampling and testing of pollutants, toxicity testing, major classes of environmental toxicants, fate and transport of pollutants in the environment, dose response relationships, biotransformation and biodegradation, ecotoxicology, ecological risk assessment, and emerging techniques for sustainable environmental remediation including bioremediation and phytoremediation.

Prerequisites & Notes

The prerequisites are CHE 1032 and BIO 1212. There is a course fee. This course is offered every odd-numbered spring.

Credits: 4

BIO 3330 - Field Botany and Dendrology

This course introduces students to the principles of classification and identification of the vascular plants. The lectures cover phylogenetic and artificial systems of classification, nomenclature, phytogeography, and the concept of natural variation within populations and its evolutionary significance. The laboratory centers on a study of the major divisions of vascular plants. Specimens collected in the field are compared with the herbarium collections. Students learn to use keys and interpret technical descriptions. Two collections of 25 specimens are required: herbs in flowering condition and woody plants in the winter condition. The course requires two two-hour lab/lectures per week.

Prerequisites & Notes

The prerequisite is one semester of biology. There is a course fee. This course is offered every fall.

Credits: 4

BIO 3340 - Advanced Systematic Botany

Topics for this course include the systematics of the more difficult groups of vascular plants, e.g., the pteridophyte, aquatic plants or graminoids, and an introduction to the methods employed in modern systematic research. Field trips, a plant collection, and a project are required.

Prerequisites & Notes

The prerequisites are BIO 1211 and BIO 3330, or permission. There is a course fee. This course is offered every even-numbered spring.

Credits: 4

BIO 4040 - Ecology

Ecology offers a study of the general principles of modern ecology including limiting factors, distribution, populations, communities, and the ecosystem concept. The laboratory and field work emphasizes quantitative techniques of experimental analysis. Field trips include all the local spectra of habitat types and, tentatively, one trip to a marine environment. The course requires three classroom hours and one two-hour lab per week.

Prerequisites & Notes

The prerequisite is BIO 1211. There is a course fee. This course is offered every odd-numbered spring.

Credits: 4

BIO 4050 - Watershed Ecology

This course focuses on the study of surface water hydrology, soils, erosion and water quality on a watershed scale. It includes a study of the roles of riparian and wetland ecosystems in maintaining environmental quality and of methods of remediation when environmental degradation has occurred. The course emphasizes practical applications and quantitative analysis of both theoretical and empirical data. There are three lectures and one laboratory per week.

Prerequisites & Notes

Prerequisites are CHE 1031 and BIO 1211. There is a course fee. This course is offered every even-numbered fall.

Credits: 4

BIO 4080 - Introduction to Plant Pathology and Pest Management

This course teaches the nature, causes and controls of plant diseases. Students learn the relationships among agricultural practices, production systems, crop environments and the development of disease epidemics and pest infestations. The course will include a thorough examination of pest control, including integrated and sustainable pest management. The laboratory component of this course will focus on the characteristics and identification of the causal agents of plant diseases, and on identification of symptoms on plant tissue.

Prerequisites & Notes

The prerequisite is BIO 1211. There is a course fee. This course is offered every odd-numbered spring.

Credits: 4

BIO 4210 - Wildlife Biology and Management

Topics for this course include the basic principles of ecology, introduction to fishes, amphibians, reptiles, birds, and mammals, human impacts on soils, plants, animals and the environment. Discussions address ways to work toward an appreciative and respectful coexistence. The laboratory emphasizes current techniques for assessing and managing the health of wildlife populations.

Prerequisites & Notes

There is a course fee. This course is offered by student request during even-numbered fall semesters.

Credits: 4

BIO 4320 - Sustainable Food Systems I

[LGNR7] This course will give students a thorough examination and comparison of conventional, organic, and sustainable food production systems. Instruction in the field component will include visits to local farms which practice organic and/or sustainable methods of agriculture. Students will critically analyze these farm operations and assess their sustainability. The course will allow students to work in the Lyndon State garden producing food for use by food services. This course also provides graduate and continuing education credits for practicing teachers who are working to incorporate local foods as part of their curricula and their school cultures.

Prerequisites & Notes

The prerequisite is BIO 1211 or BIO 1212, or permission. There is a course fee. This course is offered every summer.

Credits: 4

BIO 4330 - Sustainable Food Systems II

This course will examine the principles of plant and animal sustainable food production. Topics will include best practices for maintaining soil fertility, scientific principles for diseases and pest, and emphasizes matching of agricultural production to land, climate and markets. Instruction includes planning, development and maintenance of Lyndon State College Gardens.

Prerequisites & Notes

The prerequisite is BIO 1211 or BIO 1212 or permission. There is a course fee. This course is offered every spring.

Credits: 4

BIO 4710 - Biology Modules

Biology Modules provide an intensive study of a variety of current topics in biology, and is offered in response to the current interests of the students and faculty. Some modules may be taken for major elective credit with written permission. The course requires fifteen lecture/lab hours per credit.

Prerequisites & Notes

The prerequisite is permission. There is a course fee.

Credits: 1 to 4

BIO 4720 - Seminar in Conservation Biology

This seminar features a detailed study of the major problems and issues in Conservation Biology with an emphasis on endangered ecosystems and species. Field trips visit sites of conservation interest. The course is open to non-science majors with permission.

Prerequisites & Notes

There is a course fee. This course is offered by student request during even-numbered fall semesters.

Credits: 4

Business

BUS 1090 - Business Math

This course covers the fundamental math skills and reasoning for business applications. Topics include mathematical functions, problem-solving techniques, ratio analysis, relationships of time and value, statistical concepts, and graphs. Topics will be learned through applications in business or personal finance, or economics.

Prerequisites & Notes

The prerequisite is Math Competency. The course is offered every semester.

Credits: 3

BUS 1210 - Introduction to Business Software and Information Systems

This hands-on introductory computer course develops required student skills in office applications with strong emphasis on spreadsheets and presentation software. We also introduce the concepts of information systems, transaction-processing systems, reporting, and analytics – taking data and turning it into useful information to support management decision-making.

Prerequisites & Notes

This course is offered every semester, including summer.

Credits: 3

BUS 2015 - Fundamentals of Management in Business

[LGGE6] This course surveys various business topics with a detailed focus on management principles. Course topics include management theory, organizational structure, communication, motivation, planning, decision-making, marketing, and finance.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

BUS 2080 - Organizational Behavior and Communications in Business

[LGGE6] This fundamentals course covers the critical components of organizational behavior and effective professional business communication. Students will learn to write clear, concise, well-organized letters, memos, proposals, reports, instructions, manuals, and specifications for all levels of the firm, and for both internal and external audiences. This course also exposes the student to current theory and practice in the area of human behavior in organizations and work groups.

Prerequisites & Notes

The prerequisite is BUS 2015. This course is offered every semester.

Credits: 3

BUS 2140 - Personal Finance

[LGGE6] This is a broad-based introduction to a wide range of financial planning opportunities in money management, tax planning, career planning, banking, credit, insurance, investing, retirement planning, and estate planning. A major goal of the course aims to identify the financial traps to avoid in making personal-finance decisions, and the course creates a blueprint for living that should maximize personal and financial success.

Prerequisites & Notes

This course is offered every odd-numbered fall.

Credits: 3

BUS 2230 - Principles of Marketing

[LGSS1] Principles of Marketing introduces the basic concepts and practices of modern marketing. The instruction studies how large and small organizations successfully develop, price, promote and distribute products and services. The course includes case studies.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

BUS 2450 - Business Law

This course introduces the student to the fundamentals, principles, and practices of law as they apply to business operations. Topics covered in this course include state and federal regulations, consumer law, contracts, business forms (partnerships and corporations), sales and warranties, commercial transactions, tort liability, tax considerations, and bankruptcy.

Prerequisites & Notes

This course is offered every semester.

Credits: 4

BUS 2710 - Seminar in Business

This seminar offers an opportunity to concentrate on areas of special interest in management or to extend the range of study in specific areas in business. The seminar may be repeated for credit.

Prerequisites & Notes

The prerequisite is math competency.

Credits: 3

BUS 3150 - Production/Operations Management

This survey course develops the administrative skills and knowledge needed to effectively and efficiently manage the elements of production and service operations. Students are exposed to quantitative models commonly seen in management science, which

are used to optimize the efficient use of resources including materials, facilities, and manpower.

Prerequisites & Notes

The prerequisites are ACC 2122, MAT 2021 and junior standing, or permission. This course is offered every spring and summer.

Credits: 3

BUS 3160 - Sales Management and Selling

This course exposes students to the tasks and skills used by sales professionals. The course also provides a detailed examination of the specialized tools and techniques needed to sell products and deliver services. Topics covered in this course include development of the sales force, development of regions and territories, customer relationship management, relationship selling techniques, and personal selling techniques.

Prerequisites & Notes

The prerequisite is BUS 2230 or permission. This course is offered every even-numbered spring.

Credits: 3

BUS 3230 - Financial Management

This course presents a study of the important aspects of the theory of finance, emphasizing financial management and its goals and functions. Topics covered in this course include working-capital management, the capital-budgeting process, financial planning, short- and long-term financing, and the time value of money. Students will also learn to identify risks associated with various financial decisions.

Prerequisites & Notes

The prerequisite is ACC 2122. This course is offered every semester.

Credits: 3

BUS 3240 - Global Business

[LGGE6] This course examines management and its application to global business strategy in the increasingly competitive world marketplace. The course covers such topics as cultural and social differences, strategic planning, political risk and negotiations, personnel selection and repatriation, labor relations and industrial democracy, ethical and social issues, and effective management of unique and diverse employee work forces. The discussion also includes environmental factors and cultural/social issues involved in financing, producing, and marketing in foreign countries. Global Business provides the opportunity to compare and contrast national and international operations by studying a variety of countries, as well as to analyze the myriad challenges and opportunities existing in the global business arena through the use of case studies and team projects.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course is offered every semester.

Credits: 3

BUS 3260 - Investment and Portfolio Management

This course provides a base for the development of careers in investment analysis. The instruction covers such topics as the investment setting, securities valuation and analysis, security markets and regulation, portfolio constraints and regulation.

Prerequisites & Notes

The prerequisite is BUS 3230. This course is offered every odd-numbered spring.

Credits: 3

BUS 3272 - Social-Media Marketing

This course provides an overview of the critical considerations of social-media marketing. We will study these considerations as we define the role social-media marketing will play within any organization's comprehensive marketing plan. Both lecture based and hands-on, this course will focus on many of the current tools and networks in use today.

Prerequisites & Notes

The prerequisite is BUS 2230. This course is offered every odd-numbered fall.

Credits: 3

BUS 3350 - Innovation, Creativity, and Entrepreneurship

[LGSS1] This course examines how to add value to a new venture or existing business by developing solutions that meet new customer demands, hidden needs, or old customer and market needs in new ways. Participants will be introduced to tools to help identify emerging business opportunities, be it in their own entrepreneurial venture or in their workplace. The course will cover competencies and characteristics of entrepreneurs, business idea and model development, analysis of business opportunities, as well as understanding, assessing, and managing risks related to business on a realistic level.

Prerequisites & Notes

The prerequisites are BUS-2015 and ACC 2122. This course is offered every fall.

Credits: 3

BUS 3810 - Business Internship

The Business Internship involves field placement with a business or industrial enterprise designed to provide the student with on-site, entry-level management experience for practical application of professional theories and principles learned in the classroom. The work experience must be approved in advance of the semester by the department faculty, and a learning contract must be established between the student, the faculty advisor, and the work supervisor. Bi-weekly reports and a final paper are required. See also the section on Cooperative Education elsewhere in this catalog.

Prerequisites & Notes

The prerequisite is permission. This course is offered every semester.

Credits: 3

BUS 4030 - Marketing Research

This course provides students with hands-on experience with marketing research and market analysis for start-up, growth, and improvement of business and non-profit enterprises. Marketing research is an organized way of developing and providing information for decision-making. The first part of the class will focus on information sources, research methods and design, and interpretation of data and information for good marketing decisions. The second part of the class will focus on a marketing research or market analysis project, including research design, collection and analysis of data, and presentation of actionable recommendations. Depending on the extent of the research project undertaken by the student, the course can be complemented with BUS 4030L, Marketing Research Special Project (1 credit).

Prerequisites & Notes

The prerequisites are BUS 2230 and MAT 2021, or permission. This course is offered every odd-numbered fall.

Credits: 3

BUS 4060 - Strategic Management

This capstone course provides students with the opportunity to demonstrate their full range of business-analysis and decision-making skills. The course uses theory and case study to help students practice and hone their individual skills. Students are expected to propose and justify strategic decisions for public corporations using their knowledge of management techniques, marketing, accounting, finance, technology, and industry expectations.

Prerequisites & Notes

The prerequisites are BUS 3230 and senior standing. This course is offered every spring and summer.

Credits: 3

BUS 4190 - Leadership in Business

This course offers a comprehensive review of the essential elements of successful business leadership. Through the study of great leaders students will learn how organizational excellence can be shaped, necessary global competencies can be constructed, and organizations can be improved through critical transformational change. At the end of this course students will have a clear understanding of the difference between the traditional management function and the more contemporary leadership role that management plays in business today.

Prerequisites & Notes

The prerequisites are BUS 2015 and senior standing, or permission. This course is offered every spring.

Credits: 3

BUS 4710 - Topics in Business

This course focuses on a special topic in business or a specific business activity. The instruction offers an advanced level of study that assumes prior knowledge or experience in the subject area. This course may be repeated for credit.

Prerequisites & Notes

The prerequisites are determined by topic offered and are junior standing or instructor permission.

Credits: 3

BUS 4830 - Senior Practicum

In this experiential learning practicum, specific projects will be assigned to students for the semester to prepare them to enter the business world by applying and practicing their skills in business situations.

Prerequisites & Notes

The prerequisite is senior standing or permission. There is a course fee. The course is offered every spring.

Credits: 3

BUS 4910 - Independent Study

This course offers independent study or directed study/internships, in consultation with a faculty member. An independent study contract must be negotiated with a faculty member before registration.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

Chemistry

CHE 1023 - Outline of General Chemistry

[LGSE8] This is a one-semester survey of principles of general chemistry for students needing one semester of general chemistry. Topics covered include bonding, structure of molecules, properties of water, electrolytes, chemical reactions in the aqueous phase, energy changes, oxidation/reduction, gas behavior, equilibrium, acid/base chemistry, and solubility. The course requires three classroom hours and one two-hour lab per week.

Prerequisites & Notes

The prerequisite is MAT 1060 or permission. High school chemistry is strongly recommended. There is a course fee. This course is offered every fall.

Credits: 4

CHE 1031 - General Chemistry I

[LGSE8] This is the first course of a two-semester sequence that provides an introduction for Science and Exercise Science (2-semester chemistry requirement only) majors to the principles of chemistry. The first semester focuses on stoichiometry, atomic structure, and the periodic table, chemical bonding and molecular structure, chemical reactions in aqueous solution, and the properties of solids. The course requires three classroom hours, and one 2 hour lab per week.

Prerequisites & Notes

High school or college physics is strongly recommended. There is a course fee. This course is offered every fall.

Credits: 4

CHE 1032 - General Chemistry II

[LGSE8] This is the second course of a two-semester sequence that provides an introduction for Science and Exercise Science (2-semester chemistry requirement only) majors to the principles of chemistry. The second semester topics include behavior of gases, liquids and changes of state, properties of solutions, chemical equilibrium, acids and bases, solubility and complex equilibria, electrochemistry, introduction to organic chemistry, and the chemistry of the representative and transition metal elements. The course requires three classroom hours and one 2 hour lab per week.

Prerequisites & Notes

The prerequisite is CHE 1031. There is a course fee. This course is offered every spring.

Credits: 4

CHE 2020 - Introduction to Environmental Chemistry

[LGNR7] This course examines the interactions between chemicals and the environment. Specific topics include major classes of pollutants, environmental degradation due to chemical pollutants, chemistry of soil and water, microbial biodegradation of pollutants, restorative and buffering ecosystem services, biogeochemistry, environmental restoration and risk assessment of contaminated land and water. Student projects are conducted throughout the semester.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 4

CHE 2710 - Chemistry Modules

This course provides a study of a variety of current topics in chemistry, offered in response to the current interest of students and faculty. Examples of topics include water quality, household chemicals, food, and nutrition.

Prerequisites & Notes

There is a course fee.

Credits: 1 to 4

CHE 3010 - Biochemistry

This course provides an introduction to the principles of biochemistry. Topics studied include the structure, function, reactions, and metabolism of carbohydrates, lipids, proteins, and nucleic acids. The course requires three laboratory hours per week.

Prerequisites & Notes

The prerequisite is CHE 3111 or permission. There is a course fee. This course is offered by student request.

Credits: 4

CHE 3050 - Environmental Chemistry

This course focuses on applying concepts of sustainable environmental management of chemicals. Emphasis is placed on the remediation of contaminated land and water with living technologies such as living machines, phytoremediation, bioremediation, and biomimicry. Discussion of current issues in environmental chemistry including state, federal, and international legislation, current events, and emerging technologies occurs throughout the course. This course expands upon concepts introduced in CHE 2020 through student project-oriented experimentation and application.

Prerequisites & Notes

The prerequisite is CHE 1032 or CHE 2020. There is a course fee. This course is offered every even-numbered spring.

Credits: 4

CHE 3111 - Organic Chemistry I

Organic Chemistry I presents the fundamentals of the structure and reactions of carbon compounds. The instruction emphasizes reaction mechanisms, synthesis, stereochemistry, and chemical and spectroscopic methods of analysis. The course requires one three-hour laboratory per week which emphasizes basic techniques and synthesis.

Prerequisites & Notes

The prerequisite is CHE 1032. This course is offered every odd-numbered fall.

Credits: 4

CHE 3112 - Organic Chemistry II

This course continues CHE 3111 with an introduction to the biochemistry of carbohydrates, lipids and proteins. The course requires one three-hour laboratory per week which emphasizes basic techniques of compound identification and synthesis.

Prerequisites & Notes

The prerequisite is CHE 3111. This course is offered every even-numbered spring.

Credits: 4

CHE 4710 - Chemistry Modules

Chemistry Modules provide an intensive study of a variety of current topics in chemistry, offered in response to the current interests of the students and faculty. Examples of topics include food and nutrition, household chemicals, drugs and pharmaceuticals, farm chemistry, and water quality. Some modules may be taken for major elective credit with written permission. The course requires 15 lecture/lab hours per credit.

Prerequisites & Notes

The prerequisite is permission. There is a course fee.

Credits: 1 to 4

Cinema Production**CIN 1060 - Cinema Production I**

[LGAD3] This course focuses on the visual aspects of motion picture production and introduces students to fundamental aspects of cinematography and editing. Student projects will emphasize the aesthetic nature of the cinematic medium as a form of visual communication.

Prerequisites & Notes

There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every spring.

Credits: 3

CIN 2060 - Cinema Production II

This course further develops the techniques presented in CIN 1060 and introduces basic aspects of sound recording and design to expand students' understanding of the aesthetic nature of the cinematic medium. Students will work in a team environment to explore the key components of motion picture production through a series of short projects that emphasize motion picture grammar, form, and style.

Prerequisites & Notes

The prerequisite is CIN 1060. There is a course fee, but students may be required to incur additional expenses toward the

completion of their projects. This course is offered every fall.

Credits: 3

CIN 3060 - Cinema Production III

This course provides rigorous and intensive practical training in the techniques of motion picture production. Student projects focus on advanced methods of production management, camera work, lighting, editing, sound recording, and sound mixing.

Prerequisites & Notes

The prerequisites are CIN 2060 and FLM 1055. There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every fall.

Credits: 3

CIN 4060 - Cinema Production Workshop

This course involves students in the creation of original works of cinematic art and offers advanced students intensive inquiry into specific cinema production topics. Students will undertake the supporting creative and professional roles in senior capstone films and will work on their own short projects under the direct supervision of a faculty specialist. It should be noted that this course is not designed to provide direct professional experience but rather to permit students to explore their creative abilities while employing professional tools and procedures.

Prerequisites & Notes

This course may be repeated for credit. The prerequisite is CIN 3060 and the prerequisite or co-requisite is DES 3110. There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every spring.

Credits: 3

CIN 4070 - Cinema Production Seminar

This course focuses on the correlations among the art of filmmaking, production management practices, and methods of distribution and exhibition in the changing media landscape, and engages senior students in planning their capstone films. Particular emphasis is on the various pre-production phases of cinema production, on legal issues related to filmmaking, and on portfolio development in preparation for graduate study or for careers in the field.

Prerequisites & Notes

The prerequisite is CIN 4060. This course is offered every fall.

Credits: 3

CIN 4080 - Advanced Cinema Workshop

This course builds on work completed in CIN 4070, allowing senior students to execute their capstone films by working with other advanced Cinema Production students. Senior students will undertake the primary creative and professional roles in a significant motion picture project under the direct supervision of a faculty specialist. It should be noted that this course is not designed to provide direct professional experience but rather to permit students to explore their creative abilities while employing professional tools and procedures.

Prerequisites & Notes

This course may be repeated for credit. The prerequisite is CIN 4070. There is a course fee, but students may be required to incur additional expenses toward the completion of their projects. This course is offered every spring.

Credits: 3

Computer Science

CIS 1050 - Computer Operation Systems and Spreadsheets

This course covers the concepts, knowledge, and skills necessary to design, create, organize, store, and utilize spread sheets in varied settings. Students explore concepts and skills such as user-made functions, translation to graphs, using library macros, user macro development, and What If Scenarios. Students who successfully complete the course will be prepared to generate and use spread sheets to process information rapidly in virtually any setting and should obtain the performance of a professional in the workplace. This course is conceptual in nature and includes direct application to hands-on real-world settings.

Prerequisites & Notes

This course is offered every fall.

Credits: 1

CIS 1060 - Introduction to Databases

This course presents the concepts, knowledge, and skills necessary to design, create, organize, store, and utilize microcomputer databases in varied settings. Students explore concepts and skills such as database structures and records, browsing vs. editing, FOR conditions and relational/logical operations, modifying database structures, and use of catalog storage. Students who successfully complete this course will be prepared to generate and use databases to process information in varied dimensions, and should obtain the performance of a professional in the workplace. This course is conceptual in nature and includes direct application to hands-on real-world settings.

Prerequisites & Notes

This course is offered every fall.

Credits: 1

CIS 1065 - Introduction to Programming Logic

This course will introduce students to the logic required for computer programming. Students will learn the concepts related to most languages including variables, assignment statements, operators, branches, loops and procedures. Students will focus on the logic required to design a program before it is coded. They will then create executable programs based on their logic.

Prerequisites & Notes

This course will be offered every spring.

Credits: 1

CIS 1090 - Problem Solving with Computers

This course teaches students how to solve problems with computers using elementary computer programming concepts. Students learn to analyze a problem and then define the logic required to solve the problem using a computer. Students complete the

software-development process by designing and implementing the solution using a programming language. Lab exercises reinforce and integrate concepts and practice. This course will teach students how to solve problems with computers using object oriented concepts such as classes, objects, methods and encapsulation. There will be an emphasis on the design, implementation and analysis of solutions. Lab exercises will reinforce and integrate concepts and practice.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

CIS 1210 - Concepts of Word Processing

This course offers the concepts, knowledge and skills necessary to design, create, organize, store, and utilize written documents in varied computer formats. Students explore concepts and skills such as multilayered documents, text-around-image formats, address list creation, document merging, mail-merge for addressing letters, and macros for standard-form documents. Students who successfully complete the course will obtain the performance level required of a professional in the workplace. This course is conceptual in nature and includes direct application to hands-on real-world settings.

Credits: 1

CIS 1220 - Concepts of the Internet and WWW

This course presents the concepts and knowledge that are fundamental to effective use of the Internet and the World Wide Web largely through commonly available browsers and search engines. Students explore concepts such as legal and ethical concerns, public access, and various protocols (http, ftp, etc.) as applied to searching, downloading, and file sharing. Students who successfully complete this course will understand the fundamental operations of the Web and be able to manipulate the Internet. This course is conceptual in nature and includes direct application to hands on real-world settings.

Credits: 1

CIS 1240 - Simple Computer Graphics

This course is designed to present the concepts and knowledge in order to present data and information in a visually appealing form. Students explore concepts such as graphics file types, inputs and scanners, bit mapping, taking pictures of screens, postscript concepts, and review of graphic cards and acceleration. Students who successfully complete this course should understand the fundamental operations of computer manipulation of graphical data and be able to produce presentations using several graphics software packages. The performance level of students completing this course is that required of a professional in the workplace. This course is conceptual in nature and includes direct application to hands-on real-world settings.

Credits: 1

CIS 1247 - Concepts of Desktop Publishing

This course is designed to present the concepts, knowledge, and skills necessary to design, create, and implement various production pieces using an integration of text, texture, style, images, and bars. Students explore concepts and skills such as size, integration, perspective, message, placement, and color. Students who successfully complete this course should be prepared to produce, print, and deliver stand-alone documents and assist others in these productions. The performance level of students completing this course is that required of a professional in the workplace. This course is conceptual in nature and includes direct application to hands-on real-world settings.

Credits: 1

CIS 1310 - Methods of Computer Presentations

This course is designed to present the concepts, and skills necessary to design, create, organize, and make effective computer generated, and/or computer controlled presentations. Students explore concepts, and skills such as masters, and templates, application of text, color, icon, and picture schemes, using other media forms on slides, and directing the flow of a presentation. Students who successfully complete this course should be prepared to produce and make such presentations, as well as assist others in their productions. The level of students completing this course is that required of a professional in the workplace. This course is conceptual in nature and includes direct application to hand on real-world settings.

Credits: 1

CIS 2011 - Visual Basic Programming

This course is an introduction to the Visual Basic programming language and the concepts involved in object-oriented programming. The course will be a hands-on programming class that will expose students to the skills necessary to create and maintain visual programs.

Prerequisites & Notes

CIS 2271, Java Programming, is strongly recommended before taking this course.

Credits: 3

CIS 2032 - C++ Programming

Topics include memory management, object oriented concepts (inheritance, polymorphism, encapsulation, information hiding), data structures, user interface features, error handling, advanced input and output.

Prerequisites & Notes

The prerequisite is CIS 2271. This course is offered every fall.

Credits: 3

CIS 2060 - Programming with FORTRAN

This course offers a brief review of computer architecture and program structure charting techniques. The course presents intensive study of the FORTRAN programming language on available machinery, and intensive applications involving report construction, basic numerical methods, and modeling. The instruction includes special topics such as structured programming and special projects individualized according to the interests and abilities of the student.

Prerequisites & Notes

The prerequisite is MAT 1410 or MAT 1221. This course is offered every spring.

Credits: 3

CIS 2101 - Introduction to Unix

This course offers an introduction to the Unix operating system. The instruction provides students with the necessary knowledge and skills to work proficiently in a networked Unix laboratory. Course topics include the history of Unix, introduction to shell tools and shell programming, the Unix file system, moving around on the system, listing files, managing disk usage, file ownership and permissions, creating, moving, renaming, deleting files and directories, filters, piping, regular expressions, shell programming, job control, and printing.

Prerequisites & Notes

The prerequisite is basic computer competency. This course is offered every fall.

Credits: 1

CIS 2112 - Computer Hardware & Organization

This introductory course focuses on the basic elements and organization of computer hardware. Students study concepts regarding logic elements and Boolean algebra, the central processing unit, input-output interface, peripherals, memory structures, and operating systems. Lab work includes practical application of computer technology, installation and configuration of desktops, laptops, and related hardware; and basic networking.

Prerequisites & Notes

This course is offered every even-numbered spring.

Credits: 3

CIS 2141 - Programming Internet and Web Applications Part I

This course focuses on the creation of web pages and web sites and the subsequent development of software applications that will serve those sites. The major emphasis is on client-side applications. Topics include HTML, graphics for web pages, client-side scripting (JavaScript/Jscript) and related programming concepts, and Dynamic HTML.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

CIS 2142 - Advanced Visual Basic

This course covers advanced topics in the Visual Basic programming language. Instruction will include memory management, object oriented concepts (inheritance, polymorphism, encapsulation, and information hiding), data structures, user interface features, error handling, advanced input and output.

Prerequisites & Notes

The prerequisite is CIS 2011.

Credits: 3

CIS 2271 - Java Programming

Topics include control flow, user defined and Java API classes and methods, data types (simple and object), object oriented concepts, operators, program design, basic input and output and swing GUI components.

Prerequisites & Notes

CIS 1090, Object Oriented Problem Solving, is strongly recommended before taking this course. This course is offered every spring.

Credits: 3

CIS 2279 - Introduction to Perl Programming

This course is an introduction to the Perl programming language with a focus on data manipulation. Topics will include data structures, basic input and output, Perl modules, overall program design and coding practices.

Prerequisites & Notes

The prerequisite is any other computer programming course. This course is offered every fall. There is a course fee.

Credits: 1

CIS 2290 - Introduction to Python

This course is designed to teach the fundamentals of programming in Python. The course will be hands-on and will use a series of lecture, demonstrations, and exercises to teach students how to design, develop, and debug Python applications. Students will learn the fundamentals of Python, including data types, the object-oriented model, list comprehension, exception handling, flow control/looping, packages, modules, inheritance, and more.

Prerequisites & Notes

The prerequisite is experience in at least one other programming language. This course is offered every fall.

Credits: 1

CIS 2330 - Database Systems

This course is designed to develop skills in the use of database management systems. Topics include the analysis, design and maintenance of relational databases and their objects (tables, queries, forms, and reports). Additional areas of focus include: Data description and manipulation languages, schema design and normalization, file and index organizations, and data integrity and reliability.

Prerequisites & Notes

The prerequisite is experience in at least one other programming language. This course is offered every odd-numbered spring.

Credits: 3

CIS 2370 - Help Desk Support

This course introduces students to the tools, technology and techniques used in help desk / customer support systems. Topics include fundamental help desk processes and support tools. Customer interaction utilizing soft skills is emphasized. Students work with real world computer support examples, case studies, and activities.

Prerequisites & Notes

The prerequisites are CIS 2112 and CIS 2101. There is a course fee. This course is offered every odd-numbered fall.

Credits: 3

CIS 2850 - System Administration Essentials

This course offers a practical approach to the principles of system administration. It utilizes the major operating system families: Unix, Linux, Windows and Mac. This course employs hands-on learning for topics such as maintaining and backing up systems, disaster recovery, updates and troubleshooting. There will be an emphasis on industry standard best practices.

Prerequisites & Notes

The prerequisites are CIS 3110 and CIS 2101. There is a course fee. This course is offered every even-numbered fall.

Credits: 4

CIS 2990 - Portfolio

This course consists of the completion of the required graduation portfolio for the Associate's Degree, which will be reviewed by a faculty panel.

Prerequisites & Notes

The prerequisite is sophomore status.

Credits: 1

CIS 3050 - Algorithms and Data Structures

The course includes advanced programming topics dealing with logical structures of data and the design and analysis of computer algorithms operating on these structures. Topics covered include a broad variety of data structures, algorithms and their applications including linked lists, various tree organizations, hash tables, strings, storage allocation, algorithms for searching and sorting, and a selected collection of other algorithms. Programs to give students experience in algorithms, data structure design and implementation will be assigned.

Prerequisites & Notes

The prerequisite is CIS 2032 or CIS 2142. This course is offered every spring.

Credits: 3

CIS 3110 - Networking

This course introduces data communications concepts and terminology. The instruction presents network topologies and components, distributed information systems, the communication environment, protocols, regulatory issues, pricing, and management. The course will also provide students with hands-on experience in setting up and maintaining a computer network.

Prerequisites & Notes

This course is offered every even-numbered fall.

Credits: 3

CIS 3120 - Programming Internet and Web Applications Part II

This course is a continuation of CIS 2141 and it builds on the client-side applications foundation that was established in the previous course. This course then focuses on server-side applications. Topics include Dynamic HTML, Active Server Pages (ASP), server-side scripting, XML, and database access by web applications. An introduction to electronic commerce may also be covered.

Prerequisites & Notes

The prerequisite is CIS 2141. This course is offered every even-numbered spring.

Credits: 3

CIS 3240 - Computer Security

This course will include policy, planning and implementation for building a comprehensive information risk management program, with a focus on technologies such as firewalls and encryption to secure data and aspects of access control, authentication, malicious software, and general exploits and attacks. This course is intended for students with no knowledge of computer information security, but a basic knowledge of networks is required.

Prerequisites & Notes

The prerequisite is CIS 3110. This course is offered every odd-numbered fall.

Credits: 3

CIS 3750 - Cloud Computing

This course presents a hands-on comprehensive study of the concepts of virtualization with an introduction to cloud computing. The course work focuses on practical applications and utilization of current technologies in the IT industry including virtual servers, virtual storage, virtual file systems, and virtual networking.

Prerequisites & Notes

The prerequisites are CIS 3110 and CIS 2101. There is a course fee. This course is offered every odd-numbered fall.

Credits: 4

CIS 3810 - Cooperative Field Work

This field experience is selected according to each student's career plan. Emphasis on system design and analysis or theoretical computer science is recommended. See also the section on Cooperative Education elsewhere in this catalog.

Credits: 3 to 12

CIS 4060 - Advanced Web Tools

This course will provide students the opportunity to explore current web technologies. Through practical application of recent web-development technologies students will build functionally advanced web sites and media. Students' exposure to industry standard technologies that have been recently established will be reinforced through in-class labs and a major project.

Prerequisites & Notes

The prerequisite is CIS 2141. This course is offered every even-numbered fall.

Credits: 3

CIS 4120 - Systems Analysis and Design

This course describes systems analysis and design principles, concepts and methods. The course fosters a disciplined, comprehensive approach to systems analysis and design with an emphasis on human factors as well as technical considerations.

Prerequisites & Notes

The prerequisite is any other programming class. This course is offered every odd-numbered spring.

Credits: 3

CIS 4330 - Advanced Networking

This course emphasizes job skills in computer networks. Topics covered include the configuration and management of eMail services, collaboration services, network storage, virtualization and network security.

Prerequisites & Notes

The prerequisite is CIS 3110. There is a course fee. This course is offered every odd-numbered spring.

Credits: 4

CIS 4350 - Advanced Computer Security

This course presents an in-depth look at how computer and information security is handled in the corporate environment. An advanced course for network, computer and information security specialists that analyzes the various methodologies used to attack and defend networked systems. Topics covered may include development of security policies, cryptography, access control mechanisms, vulnerability analysis, network intrusion, and security auditing.

Prerequisites & Notes

The prerequisite is CIS 3240. There is a course fee. This course is offered every even-numbered spring.

Credits: 4

CIS 4710 - Special Studies in Computer Science

Special Studies is offered to advanced students on an individual basis. Each student plans a program of study in consultation with a faculty member in the department. This course may be repeated for additional credit.

Credits: 3

CIS 4810 - Internship in Computer Science

As arranged.

Credits: 3

CIS 4950 - CIS Capstone

This course serves as a senior capstone project. Students develop a project that demonstrates the technical and cognitive skills mastered in their undergraduate CIS courses. Students work in teams that engage in and complete the design and implementation of a significant information system.

Prerequisites & Notes

The prerequisite is senior standing or permission. There is a course fee. This course is offered every spring.

Credits: 3

Criminal Justice

CRJ 1010 - Introduction to Criminal Justice

[LGSS1] This course provides an overview of the American criminal justice system, tracing its history and development and assessing its strengths and weaknesses. The roles of the agencies that comprise the criminal justice system (representing law enforcement, courts, and corrections) are examined.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

CRJ 2010 - Law Enforcement in America

[LGGE6] This course provides an examination of the history and evolution of law enforcement in the United States. Among the topics examined in this course are law enforcement careers; the police role; selection, recruitment, and training of personnel; occupational socialization and the police subculture; discretion; management and organizational behavior; and patrol/investigative functions. Other issues considered include police use of force, police-community relations, job stress, and corruption/ethical problems.

Prerequisites & Notes

The prerequisite is CRJ 1010 or permission. This course is offered every odd-numbered spring.

Credits: 3

CRJ 2020 - American Judicial Process

[LGGE6] This course is designed to provide students with an overview of the American judicial process through an examination of its history, structure, and operation. The topics considered include court organization and administration, the courtroom "work group," the trial and appellate processes, problems that plague the courts, and alternatives to courts for conflict resolution.

Prerequisites & Notes

The prerequisite is sophomore standing, or permission. This course is offered every odd-numbered fall.

Credits: 3

CRJ 2050 - Criminology

[LGSS1] This course is designed to explore the nature and causation of crime by examining theories of criminal behavior and the factors which affect crime distribution and displacement. The course introduces the student to research methods used in analyzing crime typologies and measuring criminal behavior.

Prerequisites & Notes

The prerequisite is CRJ 1010. This course is offered every semester.

Credits: 3

CRJ 2150 - Community and Restorative Justice

This course examines the needs and obligations of all stakeholders in dealing with the aftermath of crime. It also critically examines the traditional government responses to crime in the United States and how the principles and practices of an approach broadly known as restorative justice may improve that response, as well as examine the challenges of a restorative approach.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every odd numbered spring.

Credits: 3

CRJ 2160 - Juvenile Justice

This course is an examination of the procedures used in dealing with juveniles who come into conflict with the law. The course includes critical appraisal of the history and role of juvenile courts and assessment of correctional strategies currently in use to treat juvenile offenders.

Prerequisites & Notes

This course is offered every odd numbered spring.

Credits: 3

CRJ 2170 - Ethics and Professionalism in Criminal Justice

This course introduces students to ethical theories and helps them apply these theories to real world dilemmas they may confront as professionals in the criminal justice system. Topics may include the meaning of morality and ethics and the connections between law, morality, and justice, standards and professional responsibilities of criminal justice practitioners, including those found in law enforcement, the judicial system, corrections, and criminology. The course provides a forum for students to discuss and process field experiences, explore current issues pertinent to becoming professionals, and examine career options.

Prerequisites & Notes

The prerequisite is sophomore standing, or permission. This course is for CRJ majors/minors only. This course is offered every spring.

Credits: 3

CRJ 2220 - Environmental Justice

[LGNR7] This course introduces students to the developing area of green criminology and solutions to environmental problems. Issues addressed include the nature of environmental offenders and victims, the variety of approaches to achieving environmental justice, and criminal solutions to specific environmental problems.

Prerequisites & Notes

The prerequisite for this course is sophomore standing, or permission. This course is offered every even-numbered spring.

Credits: 3

CRJ 2510 - Criminal Law

[LGGE6] This course is an examination of the evolution and development of substantive criminal law. The topics examined include common law vs. statutory crimes, elements of a crime, parties to a crime, criminal responsibility, and defenses to criminal culpability. Selected portions of the Vermont criminal code are also examined.

Prerequisites & Notes

The prerequisite is CRJ 1010. This course is offered every odd-numbered spring.

Credits: 3

CRJ 3070 - Media and Crime

This course allows students to analyze the images of crime and the criminal justice systems being presented through the major mass media within America (Crime dramas, movies, news, etc.). A major topic that will be covered is the media's institutional structure and its portrayal of crime and how this influences citizen's perceptions of it.

Prerequisites & Notes

The prerequisite for this course is CRJ 1010 or sophomore standing, or permission. This course is offered every even-numbered fall.

Credits: 3

CRJ 3120 - White-Collar Crime

This course is an exploration of work-related violations of criminal and regulatory law. Topics considered include employee theft and misconduct, "crime in the suites" committed by corporations and corporate officers, and offenses committed by government officials, and medical, legal, and other professionals. Theories of causation and suggested strategies developed to identify and control this serious, but often hidden, crime problem are also examined.

Prerequisites & Notes

The prerequisite is CRJ 1010. This course is offered every even-numbered spring.

Credits: 3

CRJ 3145 - Criminal Justice Administration

This course offers an examination of organizational and management theory as it applies to criminal justice agencies. Topics may include the organizational environment, employee motivation, job design, communication in the workplace, leadership and the use of power, organizational socialization, and managing organizational change.

Prerequisites & Notes

The prerequisite is junior standing. This course is offered every odd numbered fall.

Credits: 3

CRJ 3155 - Investigation Sciences

This course introduces students to the principles and procedures used in crime scene investigations. Topics covered include: problem solving, scientific approaches to solving crimes, the crime scene search, documenting the crime scene, types of evidence, techniques for recognizing, collecting, and preserving crime scene evidence, and introducing evidence in court.

Prerequisites & Notes

The prerequisites are CRJ 2010 and junior standing. This course is for CRJ majors/minors only. This course is offered every even numbered spring.

Credits: 3

CRJ 3165 - Delinquency and Crime Prevention

This course examines various crime and delinquency prevention policies and programs. Topics covered will include the historical development of crime and delinquency prevention methods, theoretical applications to prevention efforts, and research findings

on program effectiveness. The importance of research design in evaluating prevention programs also will be considered.

Prerequisites & Notes

The prerequisite is CRJ 1010, or permission. This course is offered every odd numbered fall.

Credits: 3

CRJ 3210 - Punishment and Corrections

[LGGE6] This course offers a sociological view of punishment and corrections in the United States and seeks to place the study of jails, prisons, capital punishment, probation, parole, and community corrections in a macro-sociological and historical perspective.

Prerequisites & Notes

This course is offered on an occasional basis.

Credits: 3

CRJ 3220 - International Criminal Justice

This course examines the different types of criminal justice systems that exist around the world. It examines the interconnections between crime and religion, cultural values, and societal norms. Using historical analysis, the course explores issues in the globalization of criminal justice systems as they deal with murder, terrorism, drug trafficking, prostitution, etc. The course further traces the globalization of U.S. Law Enforcement and provides students with an understanding of the problems and challenges that agencies and personnel face, operating within a foreign criminal justice system, religion, and culture.

Prerequisites & Notes

The prerequisite is CRJ 1010 or permission. This course is offered every other year.

Credits: 3

CRJ 3250 - Terrorism

This course offers an investigation of the context, causes, correlates, consequences, and responses to the crime of terrorism from a variety of perspectives. Individual, group, and organizational factors that shape terrorism and responses to terrorism will be explored. Strategies for reducing the threat of terrorism and its consequences will be examined.

Prerequisites & Notes

The prerequisite for this course is CRJ 1010 or sophomore standing, or permission. This course is offered every even-numbered spring.

Credits: 3

CRJ 4710 - Special Topics in Criminal Justice

This course is a survey of significant topics relating to the analysis of crime and its correction in modern societies. It will be offered to utilize the research specializations of faculty and provide students with an opportunity to study topics not covered in depth in other courses. Examples of special topics are the drug war, police accountability, crime and media imagery, the history of crime in America, and white collar crime.

Credits: 3

CRJ 4810 - Criminal Justice Internship

This course combines 50 hours per credit of student participation in the operation of one host criminal justice agency with instructor-led seminar meetings held throughout the semester. The course is designed to give upper-level criminal justice majors the opportunity to have responsible work-related experience in the field. Students must apply and be accepted into the internship program by both social science faculty and the supervising agency. Both the social science faculty instructor and the on-site supervisor will provide direction and supervision throughout the internship.

Prerequisites & Notes

The prerequisites are CRJ 2170 and permission. A signed contract is required at the time of registration. Students may take the course for up to six credits, but only three may be counted toward program requirements.

Credits: 3-6

Design

DES 1015 - Typography

This course offers a study of the design and use of basic letterforms. The instruction includes such topics as typographic contrast, and major type families and their characteristics. Students explore the expressive qualities of type and communications. After the preliminary introduction to type, appropriate projects to demonstrate the specific dynamics and interrelationships of type are assigned.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

DES 1020 - Design

This course offers a basic study of the elements and principles of design. Coursework provides a visual problem-solving experience that encourages creative thought and innovative approaches to working in both two- and three-dimensional design.

Prerequisites & Notes

The co-requisite is DES 1025. There is a course fee. This course is offered every semester.

Credits: 2

DES 1025 - Image Manipulation

This course focuses on the use of the design industry's standard electronic image alteration program. The instruction consists of exercises which focus on both articulation and visualization of design principles and concepts including manipulating and altering photographic imagery. The instruction includes creative challenges involving typographic and photographic special effects.

Prerequisites & Notes

The co-requisite is DES 1020. There is a course fee. This course is offered every semester.

Credits: 2

DES 1035 - Digital Illustration

This course concentrates on visual principles and techniques for illustration design using the design industry's standard vector-based illustration program. The course focuses on how to visualize design concepts by manipulating type and type paths, on working with layers, editing paths, creating custom typographic treatments, using masking, and more. The course provides an opportunity for students' work to be critiqued and evaluated on both aesthetic and technical merits.

Prerequisites & Notes

The co-requisite is ART 2020. There is a course fee. This course is offered every semester.

Credits: 2

DES 1045 - Page Layout

This course covers the technical and creative applications of the industry standard page layout program. The instruction introduces the student to page composition and aesthetic principles involving typographic and spatial interrelationships with exercises involving text manipulation, multi-page document setups, style sheets, and master pages. Instructional emphasis is concentrated on principles of creative layout design as they can be furthered by a technical mastery of this powerful electronic tool.

Prerequisites & Notes

The prerequisites are DES 1015, DES 1020, and DES 1025. There is a course fee. This course is offered every fall.

Credits: 3

DES 2010 - Motion Graphics I

This course is an introduction to current animation software. Students may work individually and/or in teams in this project-based course.

Prerequisites & Notes

DES 1025 is recommended. There is a course fee. This course is offered every spring.

Credits: 2

DES 2015 - Web Design I

This course examines web site design and development using current software and scripting languages. Students will also learn how to include interactivity into their web site designs.

Prerequisites & Notes

The prerequisites are ART 1011, ART 2020, DES 1015, DES 1020, DES 1025, and DES 1035. There is a course fee. This course is offered every fall.

Credits: 4

DES 2030 - Fundamentals of Web Design

[LGAD3] This course provides students with the fundamentals of web design. Students will learn how to design and produce an image-based web site. Web site rapid-prototyping uses the "What You See Is What You Get" (WYSIWYG) web-design model. This course requires the development of a web site. This course is designed for and open only to non-Visual Arts students.

Prerequisites & Notes

There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

DES 2550 - BFA Seminar

This course emphasizes the key components of being successful in visual arts professions. Topics may include careers in the visual arts, ethical practice, craftsmanship, and current trends in animation, illustration, and graphic design.

Prerequisites & Notes

The prerequisites are ART 1011, ART 2020, DES 1020, DES 1025, and DES 1035. There is a course fee. This course is offered every fall.

Credits: 1

DES 2950 - BFA Portfolio Development

This course addresses portfolio development and professional communication skills in the visual arts. Students will prepare their artwork in animation, graphic design, and/or illustration in order to make a presentation for formal acceptance in the BFA Animation/Illustration or BFA Graphic Design major.

Prerequisites & Notes

The prerequisite is DES 2550 or permission. There is a course fee. This course is offered every spring.

Credits: 1

DES 3030 - e-Commerce Fundamentals

This course will create an interdisciplinary learning environment for students to collaborate with businesses in need of an e-commerce presence on the Internet. Working in teams, students will research, develop, and implement an e-commerce business plan. The content of this course may vary depending on student enrollment and business partners participating in the construction of an e-store.

Prerequisites & Notes

The prerequisites are DES 2950 and DES 3115. There is a course fee. This course is offered every odd numbered fall.

Credits: 3

DES 3110 - Motion Graphics II

This course provides students instruction in digital visual effects, compositing techniques, and motion graphics applications for animation, web design, and cinema post-production.

Prerequisites & Notes

The prerequisite is CIN 2060 or DES 2010 or permission. There is a course fee. This course is offered every spring.

Credits: 3

DES 3111 - Print Production

This course addresses the methods related to print production from design to the finished product. Through real-world projects, students gain experience in various printing techniques in prepress, preflighting of files, requests for estimates, and preparation of files for production. Attention will be given to how to work with graphic imaging and printing services to assure print quality.

Prerequisites & Notes

The prerequisite is DES 1045. There is a course fee. This course is offered every spring.

Credits: 3

DES 3112 - Web Production

This course will advance the student's working knowledge of producing material for the Internet. Included but not limited to in this course will be: web file structure, rapid prototyping, image optimization, Internet Service Providers (ISP), File Transfer Protocol (FTP), domain naming, and the opportunity to design for the Internet.

Prerequisites & Notes

The prerequisite is DES 2015. There is a course fee. This course is offered every spring.

Credits: 3

DES 3115 - Web Design II

This course will explore advanced web design. Students will be required to engage in individual and collaborative projects with a web and interactive design emphasis.

Prerequisites & Notes

The prerequisites are DES 2950 and DES 3112. There is a course fee. This course is offered every even numbered fall.

Credits: 3

DES 3150 - Package Design

This course investigates the packaging industry and its impact on the consumer in retail environments. Principles of three-dimensional design will be explored as students design and construct packaging and point-of-purchase displays. Course topics include printing and finishing methods, UPC codes, FDA regulations, merchandising systems, marketing strategies, and brand identity.

Prerequisites & Notes

The prerequisite is DES 3111. There is a course fee. This course is offered every even numbered fall.

Credits: 3

DES 4010 - Branding

This course offers an advanced study of design principles by focusing on branding and corporate identity. Individually and in design teams, students will use knowledge of design principles to create flexible design systems. This can include collateral designs, design campaigns, and corporate identity standards.

Prerequisites & Notes

The prerequisites are DES 2950, DES 3111, and DES 3112. There is a course fee. The course is offered every odd numbered fall.

Credits: 3

DES 4020 - Advanced Typography

This course provides an increased study of the use of type. By mastering type forms, students learn to transform simple communication into visually powerful statements. Students explore space, proportion, rhythm and composition in a variety of print and multimedia formats. This study of type provides a profound look into both the personality to each typeface and the aesthetic principles involved in the selection of type.

Prerequisites & Notes

The prerequisite is DES 3111. There is a course fee. The course is offered every even numbered spring.

Credits: 3

DES 4030 - Advanced Design

This studio course provides the opportunity for the advanced student designer to practice and improve upon design skills in multiple formats.

Prerequisites & Notes

The prerequisite are DES 2950, DES 3111, and DES 3112. There is a course fee. This course is offered every even numbered fall.

Credits: 3

DES 4050 - Designing for Social Media

This course provides instruction in the use of social media in commercial and professional environments. Students will develop social-media marketing campaigns. Topics include mobile photography, editing, production and distribution over a variety of social-networking platforms.

Prerequisites & Notes

The prerequisites are DES 1020, DES 1025, BUS 3272, ENG 2085, and VID 1060. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

DES 4550 - Design Studio

This course will provide students with advanced team building experience while working collaboratively to gain practical work experience. Students design for not-for-profit organizations under the advisement of a faculty supervisor. Students are expected to follow best practices for workplace and client relations. Students will generate original designs; hold meetings with clients, and produce either a print or digital project or both. Students will negotiate with the necessary vendors to complete each particular project. In addition, focus will be placed on the development of production schedules, job documentation, and other project management skills.

Prerequisites & Notes

The prerequisites are DES 2950, DES 3111, DES 3112, and permission (with portfolio). This course may be repeated once for credit. There is a course fee. This course is offered every spring.

Credits: 3

DES 4710 - Special Topics in Design

This course offers topics of special interest in a variety of design areas including and not limited to new media, graphic design, illustration, typography, photography and other relevant areas. Topics may be advanced undergraduate or graduate level.

Prerequisites & Notes

The prerequisite is permission. This course may be repeated once for credit. There is a course fee.

Credits: 3

DES 4810 - Design Internship

This course offers students the opportunity to gain "on the job" work experience in design. Job-site supervisors serve as mentors to students, offering their individual expertise and guidance. Students must apply for an internship in advance and meet with their academic advisor to discuss procedural details. A contract must be established between the student, job-site supervisor, and faculty supervisor, subject to the departmental approval.

Prerequisites & Notes

The prerequisites are DES 2950, DES 3111, DES 3112, and permission. NOTE: Apply with Portfolio. This course may be repeated for credit but total may not exceed 12 credits. This course is offered every semester.

Credits: 1-6

DES 4910 - Independent Study

This course gives the advanced student an opportunity to work on a special area of interest that is not possible through the standard curriculum.

Prerequisites & Notes

The prerequisite is permission of instructor. The independent study contract must be approved, signed and submitted before the current semester's registration period class.

Credits: 1 to 3

DES 4950 - Design Portfolio

This course, structured for senior design majors, enables students to create, organize and design a portfolio based upon personal strengths and interests, with professional standards, and career expectations in mind. Each student produces a portfolio exhibiting a full range of skills, as the designer possesses.

Prerequisites & Notes

The prerequisites are DES 4010, senior standing, and permission. There is a course fee. This course is offered every spring.

Credits: 3

Early Childhood Education

ECE 3820 - Infant and Toddler Techniques

This course provides students with an opportunity to develop teaching skills for working with children age 0-35 months. The course requires students to integrate theories of child development and pedagogical strategies into their teaching practice. Students assume increasing responsibility for curriculum development, classroom management, and instruction in a single setting. There is a field work component.

Prerequisites & Notes

There is a course fee. The prerequisites are EDU 1030 with a C or better, 2000 hours of experience with children age 0-5, and permission. This course is offered every fall.

Credits: 3

ECE 3830 - Early Childhood Techniques

This course provides students with an opportunity to develop teaching skills for working with young children. The course requires students to integrate theories of child development and pedagogical strategies into their teaching practice. Students assume increasing responsibility for curriculum development, classroom management, and instruction in a single setting. There is a field work component.

Prerequisites & Notes

There is a course fee. The prerequisites are EDU 1030 with a C or better, 2000 hours of experience with children age 0-5, and permission. This course is offered every fall.

Credits: 3

ECE 3840 - Advanced Early Childhood Development

This course examines the development of young children (Birth-Age 5) with an emphasis on the physical, cognitive, language, social, and emotional domains and the concept of the whole child. This course requires students to apply child developmental theory to teaching and learning best practices for young children.

Prerequisites & Notes

There is a course fee. The prerequisites are EDU 1030 with a C or better, 2000 hours of experience with children age 0-5, and permission. This course is offered every fall.

Credits: 3

ECE 3850 - Managing an ECE Classroom

This course explores developmentally appropriate classroom management techniques for young children (Birth-Age 5). Topics covered include pro-social child development, teaching social skills, managing challenging behaviors, and the social context of classroom management. The role of the classroom environment in managing behavior and promoting pro-social interactions will be explored. There is a field work component.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3820, ECE 3830, and ECE 3840, each with a C or better, or permission. This course is offered every spring.

Credits: 3

ECE 3860 - Ethical Considerations for Early Childhood Educators

This course provides students with the training necessary to develop skills and knowledge in professional ethics for teachers. Topics explored include the NAEYC Code of Ethical Conduct, how to use professional ethics to guide interactions with families and students, applicable educational laws related to ethical behavior, and the ethics involved in creating a culturally responsive curriculum for students.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3820, ECE 3830, and ECE 3840, each with a C or better, or permission. This course is offered every spring.

Credits: 3

ECE 3870 - Inclusive Teaching for Early Educators

This course explores the methods and best practices for including children special needs in the typical early childhood classroom.

Topics

include best practices for inclusion, collaboration with families and other special education team members, and curriculum design that addresses all learners. Teaching children who are English language learners will also be addressed. There is a field work component.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3820, ECE 3830, and ECE 3840, each with a C or better, or permission. This course is offered every spring.

Credits: 3

ECE 3920 - Educational Theory for Teachers of Young Children

This course explores theories of education which relate directly to children age 0-5. Instruction focuses on learning theories, motivation of young children, effective teaching, and instructional planning from a developmental perspective.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3850, ECE 3860, and ECE 3870, each with a C or better, or permission. This course is offered every summer.

Credits: 3

ECE 3940 - Developmentally Appropriate Programming: Infants & Toddlers

This course introduces developmentally appropriate curriculum planning for children birth to age 35 months. The instruction focuses on play-based planning using the Vermont Early Learning Standards, authentic approaches to child assessment, culturally responsive planning, and planning activities across all domains. The role of the classroom environment is also explored.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3850, ECE 3860, and ECE 3870, each with a C or better, or permission. This course is offered every summer.

Credits: 3

ECE 3950 - Developmentally Appropriate Programming: Preschool

This course introduces developmentally appropriate curriculum planning for children age three to five years. The instruction focuses on planning play-based learning activities using the Vermont Early Learning Standards, authentic approaches to child assessment, culturally responsive planning, and planning activities across all domains. The role of the classroom environment is also explored. There is a field work component.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3850, ECE 3860, and ECE 3870, each with a C or better, or permission. This

course is offered every summer.

Credits: 3

ECE 4020 - Authentic Assessment of Young Children

This course explores developmentally appropriate techniques of assessment for young children age birth-5 years. Topics include methods of observation, building a body of evidence that support assessment, using alternative assessments, and making learning visible for both children and families. Students will also explore culturally responsive methods of assessment.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3920, ECE 3940, and ECE 3950, each with a C or better, or permission. This course is offered every fall.

Credits: 3

ECE 4040 - Using Inquiry for Math and Science with Young Children

This course explores the best practices for teaching math and science to children age 0-5. Topics include effective methods and approaches for teaching math and science, content specific and cross-curricular lesson planning, and using standards and assessments to inform teaching pedagogy in the classroom. There is a field work component for this course.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3920, ECE 3940, and ECE 3950, each with a C or better, or permission. This course is offered every fall.

Credits: 3

ECE 4080 - Language & Literacy in Early Childhood Classrooms

This course examines emergent literacy development through the lens of the young child's development domains. Instruction will focus on research-based developmentally appropriate strategies for promoting early language and literacy skills. There is a field work component for this course.

Prerequisites & Notes

There is a course fee. The prerequisites are ECE 3920, ECE 3940, and ECE 3950, each with a C or better, or permission. This course is offered every fall.

Credits: 3

ECE 4811 - Teaching Early Childhood Education

This course places students in an early childhood classroom for 13 weeks. Students gradually increase their involvement, culminating in a period of full-time teaching under the direction of a qualified supervising teacher. The course involves practical application of teaching principles, knowledge, and understanding of young children and their development.

Prerequisites & Notes

The prerequisites are ECE 4020, ECE 4040, and ECE 4080, each with a C or better, a passing score on the Praxis Core, a minimum of 3.00 GPA in courses required for the major and a minimum cumulative GPA of 3.00, and permission. This course must be taken concurrently with EDU 4730. There is a course fee. This course is offered every spring.

Credits: 12

Economics

ECO 2060 - Survey of Economics

[LGGE6] This course exposes the student to fundamental economic theory and practice. The course includes exposure to human behavior and decision-making related to the microeconomic concepts of scarcity, availability of resources, supply and demand, opportunity cost, and pricing in competitive and non-competitive markets. Macroeconomic principles covered in this course include aggregate supply and demand, analysis of production, employment and unemployment, monetary and fiscal policy in the US, and stabilization of the economy.

Prerequisites & Notes

The prerequisite is math competency. The course is offered every semester.

Credits: 4

ECO 4710 - Topics in Economics

Topics in Economics provides students the opportunity to pursue topics of special interest in economics appropriate to the 3000-level not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisite is junior standing and permission.

Credits: 3

ECO 4810 - Internship in Economics

The internship provides for field work in economics arranged in conjunction with the Cooperative Education Office. The student is placed in a work site that will provide practical, career-oriented experience under the supervision of an employer and a faculty member who will make on-site visits. The internship emphasizes acquisition of job-related skills and the role of professionals in the discipline. See also the section on Cooperative Education elsewhere in this catalog.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 1 to 6

ECO 4910 - Independent Study in Economics

This course offers independent research under the supervision of a member of the department.

Prerequisites & Notes

The prerequisites are junior or senior standing and permission.

Credits: 3

ECO 4920 - Research in Economics

This course offers independent research in economics under the supervision of a faculty member. A research question and design must be approved by the faculty advisor before registration.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 3

Education

EDU 1025 - Introduction to the Major

This course introduces Education majors to the intellectual and social environment of college. Through a variety of learning activities students will be challenged to reflect on their learning styles, to think critically about a variety of issues, and to develop time management and study skills requisite for success in college. Students will be oriented to the myriad of requirements they must meet as well as the supports available to assist them on their path toward graduation.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 2

EDU 1030 - Introduction to Early Childhood Education

This course familiarizes the student with early childhood education, and the way early childhood can provide experiences for young children that enhance the development of the whole child. The instruction offers a study of the pedagogy, history, and philosophy of early childhood education, and an exploration of the behavioral characteristics of young children which students then observe in early childhood settings. The course stresses developmentally appropriate models of program delivery to young children and their families. It also introduces curriculum design, as an integrative process that includes structuring learning environments and experiences responsive to children's interests and needs through play and exploration. The instruction includes strategies for adapting the learning environment and modifying instruction to make curriculum accessible to all children. There is a field work component.

Prerequisites & Notes

There is a course fee. This course is offered every odd numbered fall.

Credits: 3

EDU 1310 - Introduction to Communication Disorders for Paraeducators

This course introduces the participant to the nature of communication disorders that affect children, from preschool through adolescence. Participants are introduced to techniques used by paraeducators to remediate and manage these disorders.

Credits: 1

EDU 2010 - Foundations of Education

This course provides a survey of the history, philosophy, and contemporary issues in education. Topics to be explored include: curriculum development, multiculturalism and diversity, educational reform, and the political and social forces that shape contemporary education in the United States. Students will have the opportunity to explore education as a career, develop an initial philosophy of education, and discuss current issues and problems related to the field. There is a field work component.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

EDU 2120 - Children with Disabilities

This course addresses the concept of disability through an investigation of children with disabilities. The etiology and cognitive, social, emotional, and physical characteristics of individuals with high incidence disabilities (e.g. intellectual disabilities, learning disabilities, speech/language impairments, and emotional disturbance), low incidence disabilities (e.g. visual/hearing impairments, and physical disabilities), and "increasing incidence" disabilities (e.g. autism spectrum disorders, traumatic brain injury, and attention deficit hyperactivity disorder) are studied from individual, family, school, community, sociological and historical perspectives. The effects of increased awareness, greater knowledge, medical advances, improved educational practices, and changes in social values are emphasized. There is a field work component.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

EDU 2230 - Supporting Students with Autism Spectrum Disorders

This course introduces students to research-based strategies that enhance the communication and behavior of children with autism. Asperger's syndrome, and related pervasive developmental disorders. Examples of such strategies are applied behavioral analysis, discrete trials, picture exchange communication, and basic sign language.

Prerequisites & Notes

The prerequisite is EDU 2120 or PSY 3070, or permission. There is a course fee.

Credits: 2

EDU 2270 - Classroom and Behavior Management

This course provides instruction on research-based classroom management and individual behavior management strategies. Historical aspects of modern methods and new research-based approaches to effective and positive classroom management strategies, such as Positive Behavior Interventions & Supports (PBIS), will be addressed. Throughout the course, functional behavior assessment (FBA) will be covered and comprehensive behavior management plans will be developed. Additionally, this course will explore how culture can influence student and teacher behavior and will examine culturally competent classroom management strategies. There is a field work component.

Prerequisites & Notes

The prerequisites are EDU 2010 and EDU 2120, each with a C+ or better, or permission. There is a course fee. This course is offered every fall.

Credits: 3

EDU 2315 - Technology in the Classroom

This course examines the use of instructional and assistive technologies available for teachers to enhance and supplement their instruction in the classroom. Students will explore and use different tech-related products while considering the ethical and personal responsibilities of teachers in regards to technology in the classroom.

Prerequisites & Notes

The prerequisite is EDU 2010 with a C+ or better, or permission. There is a course fee. This course is offered every semester.

Credits: 1

EDU 2855 - Practicum for Paraeducators

Participants work as a member of a collaborative team to assist and teach students. An emphasis is placed on implementing teacher-planned instruction and behavior management strategies, sensitivity to individual, family and cultural differences and inclusive education. Working in conjunction with a college supervisor and a cooperating teacher, participants also develop and implement a special project designed to enhance skills specific to their work and interests. This course may be repeated, but no more than 3 credits can be used toward degree requirements.

Prerequisites & Notes

The prerequisite is permission. There is a course fee.

Credits: 1-3

EDU 3020 - Educational Psychology

This course examines how psychological principles apply to teaching and learning. The course covers learning theories, motivation, effective teaching, evaluation, and instructional planning from a developmental perspective. There is a field work component.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

EDU 3070 - Secondary School Observation

This course requires students to complete 30 hours of observations in secondary school classrooms. Students will observe, record, and analyze student and teacher behavior.

Credits: 1

EDU 3150 - Secondary Teaching Process

This course requires students to apply educational and psychological principles to the teaching and learning process at the secondary level. Instruction will cover a variety of topics important to secondary education, including but not limited to, classroom management, teacher evaluation, and reflective practice. Students will identify, use and evaluate a variety of instructional strategies. Portfolio development is an integral part of this class. There is a field work component.

Prerequisites & Notes

There is a course fee. This course is offered every odd numbered spring.

Credits: 3

EDU 3185 - Differentiated Instruction & Assessment

This course provides instruction in the methods and materials appropriate for teaching students with diverse needs in an inclusive classroom. Models of designing an inclusive classroom, including universal design for learning and differentiated instruction, are

examined with an emphasis on using assessment data to inform instruction. This course will also help to develop the understanding and skills needed to validly, reliably, and accurately use classroom assessments for learning. There is a field work component.

Prerequisites & Notes

The prerequisites are EDU 2010 and EDU 2120, each with a C+ or better, or permission. There is a course fee. This course is offered every fall.

Credits: 3

EDU 3240 - Literacy Development in the Content Area

This course concentrates on the principles, techniques, and materials for developing literacy in the middle and secondary schools. It focuses on specific reading, writing, and study skills needed within the various content areas taught in the middle and secondary schools.

Prerequisites & Notes

This course is offered every even numbered fall.

Credits: 3

EDU 3350 - Foundations of Language and Literacy Instruction

This course focuses on the content knowledge requisite for teaching students, including English Language Learners, to effectively receive and express thoughts and ideas through oral and written language. Teacher candidates will learn about the structure of English language, and understand the processes by which students learn to read and write.

Prerequisites & Notes

The prerequisites are EDU 3020 and ENG 2540, each with a C+ or better, or permission. There is a course fee. This course is offered every spring.

Credits: 3

EDU 3510 - Differentiating Instruction, Assessment & Spec Ed Law

This course provides instruction in the methods and materials appropriate for teaching students with special learning needs in the inclusive classroom. Models of designing an inclusive classroom, including universal design and differentiated instruction, are studied with an emphasis on using assessment data to inform instruction. The course provides an introduction to special education law and the special education process. This offers students an opportunity to participate in the development of the Individualized Education Program and to work collaboratively as a member of the Evaluation and Planning team.

Prerequisites & Notes

The prerequisites are EDU 2210, EDU 2120, and sophomore standing. Licensure students take the Praxis II test as a program requirement. There is a course fee. This course is offered every fall.

Credits: 3

EDU 3525 - Teaching Math and Science

This course explores the best practices for teaching math and science. Topics examined include effective methods and approaches for teaching math and science, content specific and cross curricular lesson planning, and using standards and assessments to inform teaching pedagogy in the classroom. There is a field work component for this course.

Prerequisites & Notes

The prerequisites are EDU 3185 and MAT 2010, each with a C+ or better, or permission. There is a course fee. This course is offered every spring.

Credits: 3

EDU 3530 - Social Science Methods

This course, using elementary social studies as a basis, provides instruction in developing learning opportunities and multiple assessments that support children in attaining educational standards. "Best practice" instruction is modeled and practiced by the students. A balanced variety of assessment strategies are examined.

Prerequisites & Notes

The prerequisites are EDU 3020 and EDU 3185, each with a C+ or better, or permission. This course is offered every fall.

Credits: 2

EDU 3540 - Teaching Literacy in the Elementary Classroom

This course examines the instructional strategies, curriculum methods, and resources used in teaching literacy in elementary classrooms. There will be an in-depth examination of the components of effective reading and writing instruction as identified by research. Course content will include effective instructional practices for differentiating instruction for students with differing learning abilities including English Language Learners. Use of formative assessment to inform instruction will be emphasized, and links to national and state standards for student learning will be made throughout the course. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 3350 with a C+ or better, or permission. There is a course fee. This course is offered every fall.

Credits: 3

EDU 3730 - Educational Laws & Regulations

This course provides students with an overview of educational laws and regulations for educators. Through this course students will examine the historical events such as key case laws, civil rights acts, and federal regulations that shaped current educational laws and regulations. Students will learn about key laws and regulations pertaining to educational records, mandated reporting, educational interventions and plans, regulations for the evaluation and identification of students suspected of having a disability, accommodation plans for students who have special needs, and the provision of special education services to students found eligible for special education services.

Prerequisites & Notes

The prerequisites are EDU 2010 and EDU 2120, each with a C+ or better, or permission. There is a course fee. This course is offered every fall.

Credits: 1

EDU 3750 - Literature for Children

This course examines the use of children's literature, including informational texts, as an instructional tool in the elementary classroom. Key concepts will include assessing text complexity, using literature to explore cultural diversity, and effective strategies for sharing texts with children of different age groups and reading levels.

Prerequisites & Notes

The prerequisite is EDU 3540 with a B- or better, or permission. There is a course fee. This course is offered every spring.

Credits: 3

EDU 3810 - Apprenticeship Fieldwork

This course emphasizes working collaboratively with one's colleagues, developing teaching skills that address the needs of all children, and developing teaching an effective teaching style. Each student is assigned two mentors - a professor and a teacher in the field - to introduce her or him to all aspects of teaching. The mentors work closely with the student in the field demonstrating techniques and observing and evaluating the student's performance.

Prerequisites & Notes

The prerequisites are EDU 2120, EDU 2210, EDU 2250, EDU 2840, EDU 3020, EDU 3325, EDU 3350, EDU 3520, EDU 3530, EDU 3540, EDU 3550, EDU 3560, acceptance to the Elementary Education major, a passing score on Praxis Core, and a GPA of 2.70. Co-requisite courses are EDU 3315 and EDU 3510, or permission. There is a course fee. This course is offered every spring.

Credits: 4

EDU 3820 - Special Education Practicum

The purpose of this course is to expand one's understanding of what constitutes an appropriate special education. In keeping with the model of family centered care, the student works closely with the family of an exceptional child. The student and family members then create learning opportunities based not on predetermined school standards, but on the child's and family's interests and strengths. On campus meetings provide an opportunity to reflect upon the experience.

Credits: 3

EDU 3825 - Teaching Over Time: Curriculum Development

This course assists students in developing, planning, implementing, and evaluating lessons and units of instruction that are aligned with the Common Core State Standards (CCSS) and other applicable standards (e.g. NET-S, ASCA, NGSS). Coursework becomes the basis for, or is similar to, lessons and units that students will utilize in their Teaching Apprenticeship (EDU 4475) and include in their licensure portfolio for Vermont Educators. Managing time efficiently and utilizing formative assessment strategies and appropriate instructional materials/resources are emphasized. There is a field work component.

Prerequisites & Notes

The prerequisites are EDU 3525, EDU 3530, and EDU 3540 each with a B- or better, or permission. There is a course fee. This course is offered every spring.

Credits: 3

EDU 3830 - Early Childhood Techniques

This course promotes the development of teaching skills for working with young children. Students will integrate theories of child development and pedagogical strategies into teaching practice. Students assume increasing responsibility for curriculum development, classroom management, and instruction in a single setting. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 1030 with a C+ or better, or permission. There is a course fee. This course is offered every fall.

Credits: 3

EDU 4015 - Educational Travel

This course provides students the opportunity to enhance their education through travel. Relevant cultural, historical, and natural sites will be explored. Students will be required to attend meetings before and after the trip, research sites to be visited, record observations, and write a final paper. This course may be repeated for credit with a change of location.

Prerequisites & Notes

The prerequisite is permission. There is a course fee.

Credits: 1-3

EDU 4020 - Methods of Teaching Secondary English

This course explores teaching methods and techniques in the classroom for students preparing to teach English in grades 7-12, as well as preparation, implementation, and assessment of curriculum in secondary English. It also covers the teacher's relationship with the school and the community. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 3150.

Credits: 3

EDU 4025 - Methods of Teaching Secondary Mathematics

This course explores teaching methods and techniques in the classroom for students preparing to teach mathematics in grades 7-12, as well as preparation, implementation, and assessment of curriculum in secondary mathematics. It also covers the teacher's relationship with the school and the community. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 3150.

Credits: 3

EDU 4030 - Methods of Teaching Secondary Social Studies

This course explores teaching methods and techniques in the classroom for students preparing to teach social studies in grades 7-12, as well as preparation, implementation, and assessment of curriculum in secondary social studies. It also covers the teacher's relationship with the school and the community. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 3150.

Credits: 3

EDU 4040 - Methods in Teaching Secondary Science

This course explores teaching methods and techniques in the classroom for students preparing to teach science in grades 7-12, as well as preparation, implementation, and assessment of curriculum in secondary science. It also covers the teacher's relationship with the school and the community. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 3150. This course is offered every spring.

Credits: 3

EDU 4050 - Teaching Diverse Learners: Strategies, Assessment, Law

This course introduces students to the special education process including the development of the Individualized Education Program. The course explores effective methods for individualizing instruction and modifying curriculum to meet the needs of students with special needs. Students are taught to use assessment data to guide recommendations in the classroom setting.

Credits: 3

EDU 4070 - Teaching Students with Special Needs: Elementary Emphasis

This course reviews the etiology, characteristics, and evaluation of individuals diagnosed as learning impaired or learning disabled. The course studies current research and practice regarding teaching strategies, instructional modifications, curriculum, and transitional planning, supervising paraprofessionals, and collaboration with other professionals.

Prerequisites & Notes

The prerequisites are EDU 3185 and EDU 3730, each with a B- or better, or permission. This course is offered every fall.

Credits: 3

EDU 4080 - Language & Literacy in Early Childhood Classrooms

This course examines emergent literacy development through the lens of the young child's developmental domains. Instruction will focus on research-based developmentally appropriate strategies for promoting early language and literacy skills. There is a field work component for this course.

Prerequisites & Notes

The prerequisite is EDU 3540 with a B- or better, or permission. There is a course fee. This course is offered every fall.

Credits: 3

EDU 4250 - e-Portfolio Development

This course will assist students in developing the e-Portfolio required for licensure. Students will demonstrate reflective practice through the artifacts that are included in the portfolio.

Prerequisites & Notes

The course is to be taken concurrently with ECE 4811, EDU 4811, or EDU 4880. The course is offered every semester.

Credits: 1

EDU 4450 - Assessment of Exceptional Students

This course provides instruction in the ethical administration, scoring and interpretation of tests commonly used in the assessment of students with differing abilities. Although a variety of assessment types will be explored including cognitive, language, achievement, behavior, and emotional, the focus of the course will be on tests commonly used by special education teachers in schools. Preference for assessments will be based on their psychometric properties, theoretical basis, appeal to evaluators and students, and their age. The course examines federal regulations as well as Vermont guidelines and procedures for identifying students with special needs.

Prerequisites & Notes

The prerequisites is EDU 4070 or PSY 4020 or permission. There is a course fee. This course is offered every spring.

Credits: 3

EDU 4460 - Emotional and Behavioral Disabilities

This course presents the study of methods of assessment, evaluation, and programming for children with behavioral and/or emotional disabilities that interfere with normal learning and social development. Students investigate behavior modification, biophysical, ecological, developmental, psychodynamic, and countertheoretical approaches. There is a field work component.

Prerequisites & Notes

The prerequisite is EDU 4450 with a B- or better, or permission. This course is offered every fall.

Credits: 3

EDU 4475 - Teaching Apprenticeship

This course emphasizes working collaboratively with ones colleagues, developing teaching skills that address the needs of all children, and developing an effective teaching style. Each student is assigned two mentors - a professor and a teacher in the field - to introduce her or him to all aspects of teaching. The mentors work closely with the student in the field demonstrating techniques and observing and evaluating the student's performance.

Prerequisites & Notes

The prerequisites are EDU 3750 and EDU 3825 each with a B- or better, acceptance to the Elementary Education major, and permission. There is a course fee. This course is offered every fall.

Credits: 6

EDU 4580 - Reading Disabilities I

This course is essential for prospective Tier II and Tier III providers. This course covers the identification of reading disabilities, the classification of reading problems, and an introduction to research-based strategies for Tier II and Tier III interventions. Students will learn about formative assessments as well as norm-referenced diagnostic assessments specific to this course. There is a field work component.

Prerequisites & Notes

The prerequisites are EDU 3540 and EDU 4450 each with a B- or better, or permission. There is a course fee. This course is offered every fall.

Credits: 3

EDU 4680 - Reading Disabilities II

This course offers opportunities to consider actual reading problems in relation to a wide variety of diagnostic and remedial activities.

The field work activities focus on using and evaluating evidence-based strategies while working with students.

Prerequisites & Notes

This course may be repeated once for credit. The prerequisite is EDU 4580 with a B- or better, or permission. There is a course fee.

Credits: 3

EDU 4710 - Topics in Education

This course offers students the opportunity to concentrate on topics not covered in the current Education curriculum.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course may be repeated.

Credits: 3

EDU 4730 - Student Teaching Seminar

This course is taken concurrently with student teaching and students work on the requirements of professional competencies. Students research and present issues in education as they relate to the student teaching experience.

Prerequisites & Notes

This course must be taken concurrently with ECE 4811, EDU 4811, or EDU 4880. This course is offered every semester.

Credits: 2

EDU 4811 - Teaching Elementary Education

This course places students in a public school classroom. Students gradually increase their involvement, culminating in a period of full-time teaching under the direction of a qualified supervising teacher. The course involves practical application of teaching principles, knowledge, and understanding of youth and their development. Please note that 15 weeks of student teaching equals 12 credits and ten weeks of student teaching equals 7 credits.

Prerequisites & Notes

The prerequisites are EDU 4475 with a B- or better, a passing score on at least two of the four sections of the Praxis II tests, a minimum of 3.00 GPA in courses for the major, a minimum cumulative GPA of 3.00, and permission. This course must be taken concurrently with, or after, EDU 4730. There is a course fee. This course is offered every semester.

Credits: 7-12

EDU 4850 - Secondary Student Teaching

This course places students in a secondary classroom. Students gradually increase their involvement, culminating in a period of full-time teaching under the supervision of a qualified cooperating teacher. This course involves practical application of teaching principles, content knowledge, and understanding of youth and their development. Students must take at least fifteen continuous weeks of student teaching for 12 credits.

Prerequisites & Notes

The prerequisites are EDU 4020, 4025, 4030 or 4040, a GPA of 3.0, and passing scores in both Praxis Core and Praxis II. This course is offered every semester. There is a course fee.

Credits: 12

EDU 4880 - Teaching Special Education

This course introduces the student to special education in resource rooms, regular education classrooms, and other setting where special education takes place. Students gradually increase their involvement, culminating in a period of full-time teaching under the direction of a qualified supervising teacher. The course involves practical application of teaching principles, knowledge and understanding of youth and their development. Please note that 15 weeks of student teaching equals 12 credits and 10 weeks of student teaching equals 7 credits.

Prerequisites & Notes

The prerequisites are EDU 4475, EDU 4070, EDU 4450, EDU 4460, and EDU 4580, each with a B- or better, a passing score on at least two of the four sections of the Praxis II test, a minimum of 3.00 GPA in courses for the major, a minimum cumulative GPA of 3.00, and permission. This course must be taken concurrently with, or after, EDU 4730. There is a course fee. This course is offered every semester.

Credits: 7-12

EDU 4910 - Independent Study in Education

This course gives the more mature student an opportunity to work on a well-formulated problem of special interest.

Prerequisites & Notes

This is an elective offered by permission of the department.

Credits: 1 to 4

Electronic Journalism Arts

EJA 1010 - Introduction to Media Communication

[LGSS1] This course provides a broad-based introduction to the field of mass media communication. It includes basic analysis of the pervasive, manipulative, and influential nature of contemporary media communication. Students observe contemporary media and read criticism. Audio/visual materials supplement required readings.

Prerequisites & Notes

The prerequisite or co-requisite is ENG 1081. There is a course fee. This course is offered every semester.

Credits: 3

EJA 1020 - Communications Technology

This introductory course covers basic theory and utilization of video production equipment and focuses on skills in studio and field equipment, lighting, and audio. Students are expected to acquire knowledge of industry standards for video production. Students also study the technologies associated with utilizing video in formats such as web and podcasting. The instruction includes a series of in-class laboratory sessions, which develop basic hands-on competencies.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

EJA 1221 - Person to Person

A journalist's most basic tool is the ability to successfully interact with news sources face-to-face while observing and evaluating the source's information. This introductory course focuses on teaching journalism majors the basics of non-verbal communication, professionalism, and how to present themselves publicly, which includes appropriate speaking and social skills including E-mail and cell phone etiquette. A dress code will be enforced, extensive group work is mandatory, and students are required to participate in video lab exercises and evaluate each other's work.

Prerequisites & Notes

Writing competency at the level of ENG 1081 is expected. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2040 - Journalistic Writing I

This writing-intensive course teaches the basics of news writing for print, online, and broadcast media. Instruction covers journalistic style, grammar, interviewing techniques, and news values.

Prerequisites & Notes

The prerequisite is ENG 1081. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2050 - Digital Image Acquisition

This course teaches digital field-acquisition techniques for both still and video imaging. Particular emphasis will be placed on the importance of visual literacy and storytelling techniques while utilizing both digital media. Students will explore exposure control, focal length selection, and visual point of view, as well as file format choices and field acquisition equipment options. Students will develop techniques related to photographic event illustration as well as sequential shooting. Additionally, students will learn basic tungsten lighting and electronic flash usage.

Prerequisites & Notes

The prerequisite is EJA 1020, and the co-requisite is EJA 2051. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2051 - Aesthetics in Editing

This course is designed to be an exploration of image-editing styles and techniques for stills and video. Through the examination of the editing process, students will learn how to develop and enhance their visual communication skills. Course highlights include basic editing principles, exploration of enhanced sound for video, interpreting and establishing story pace, introduction to news-style editing techniques, incorporation of visual sequences for effective storytelling, integration and presentation of digital and graphic imagery, and understanding the use of transitions and effects.

Prerequisites & Notes

The prerequisite is EJA 1020, and the co-requisite is EJA 2050. There is a course fee. This course is offered every semester

Credits: 3

EJA 2130 - Local News Gathering

This course introduces the skills of gathering and writing news for multiple platforms. Anchored to the specific geographic coverage area of the Vermont Center for Community Journalism, the instruction explores such topics as identifying stories and sources, the interviewing process, back-grounding, computer assisted and other basic news reporting & producing techniques that apply no matter the location.

Prerequisites & Notes

The prerequisites are ENG 1082, EJA 1010, EJA 1020 and EJA 2040, or permission. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2135 - Studio Production

This course covers the basics of studio production, including pre-production and post-production elements. This live production course introduces students to scripting and storyboarding as well as all production positions in the studio environment. .

Prerequisites & Notes

The prerequisites are ENG 1081, EJA 1010, and EJA 1020. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2145 - Art of the Interview

This course prepares student journalists to ask direct and probing questions based on solid research. Students will practice audio and video recording techniques as they conduct interviews designed to educate and engage audiences. They will conduct interviews of a set duration and learn the art of editing sustained conversations into audio stories according to industry-standard protocols and of pulling salient quotes from interviews for news stories.

Prerequisites & Notes

The prerequisites are EJA 1221, EJA 2130 or permission. Co-requisite of EJA 2815 is recommended. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2160 - History of Journalism

[LGPP5] This course views American history through the window of journalism, especially during times of war and social change. Beginning with the Civil War, and including media coverage of the current conflicts, readings examine the way journalists have influenced the way readers, listeners, and viewers respond to life-changing events on the national stage and in their local communities. Close attention is paid to evolving technology and the ever-changing definition of "objectivity." Students will focus on historical turning points that tested the media's role in a democracy.

Prerequisites & Notes

The prerequisite is ENG 1082. This course is offered every odd numbered spring.

Credits: 3

EJA 2810 - VCCJ Practicum I: Editorial

This course provides an introductory practicum in the Vermont Center for Community Journalism for EJA students pursuing the Editorial Focus as well for ATM students in the broadcast concentration. Students work "part-time" in the Vermont Center for Community Journalism as writers and reporters for the News 7 broadcast and NewsLINC website. Approximately 12 to 15 hours per week in the VCCJ newsroom are required.

Prerequisites & Notes

The prerequisites are EJA 2130 and EJA 2135, and the co-requisite is EJA 2843. There is a course fee. This course is offered every semester.

Credits: 3

EJA 2815 - VCCJ Practicum I: VCCJ Newsroom

This course provides an introductory practicum in the Vermont Center for Community Journalism for EJA students pursuing an editorial or visual focus as well as ATM students in the broadcast concentration. Students work 'part time' in the Vermont Center for Community Journalism as writers, reporters, and production assistants for the News7 broadcast. Approximately 12-15 hours per week in the VCCJ newsroom are required.

Prerequisites & Notes

Prerequisites are EJA 2050, EJA 2051, EJA 2030, and EJA 2135. The co-requisite is EJA 2843. There is a course fee. This course is offered every semester.

Credits: 4

EJA 2830 - Sophomore Internship/Co-Op

This course enables students of good standing and achievement in the second year of study to participate in introductory on-the-job work experience in media-related situations separate from the classroom. Students must apply for a co-op in advance, and must meet with their academic advisor for materials, applications forms, and procedural details. See also the section on cooperative education elsewhere in this catalog. All students applying for co-op placements in EJA must receive departmental approval of the co-op placement and plan. Students must have achieved a 3.0 GPA in a specific VCCJ option.

Prerequisites & Notes

The prerequisites are sophomore standing and EJA 2810 for editorial or EJA 2820 for visual or EJA 2825 for publication.

Credits: 1 to 6

EJA 2843 - Practical Presentation I

This course is for students in the entry-level practicum of the Vermont Center for Community Journalism and expands on the interpersonal communications aspects mastered in EJA 1221. Students are expected to start developing their own unique professional style that will be vital to their success in a modern multiplatform newsroom. Instruction will be tailored to improving their expository speaking skills, ability to interact with colleagues and the public. The importance of wardrobe and making a solid first impression within the community will also be focused on. On-camera skills include speech and voice-over, body positioning as well as developing a conversational style that will be useful in gathering and reporting news in a multiplatform environment.

Prerequisites & Notes

The prerequisite is EJA 1221. EJA majors in EJA 2810 or EJA 2815 must take this course concurrently. For ATM majors, the co-requisite is ATM 3331 or ATM 3332. There is a course fee. This course may be repeated once by ATM students or students

repeating VCCJ Practicum I. This course is offered every semester.

Credits: 3

EJA 3030 - Law and Regulation

This course traces the evolution of law and regulation affecting producers and consumers of news media beginning with the First Amendment. Readings combine theory with case studies. Classroom moot court sessions deepen understanding of landmark decisions. Students follow current Supreme Court cases as they unfold and explore the changing landscape of internet law and FCC rulings.

Prerequisites & Notes

The prerequisite is EJA 2130 or permission. There is a course fee. This course is offered every fall.

Credits: 3

EJA 3040 - Journalistic Writing II

This course teaches in-depth story formats and advanced news writing skills for print, online, and broadcast media. Instruction includes training in news research, and editing across journalistic platforms.

Prerequisites & Notes

The prerequisite is EJA 2040. There is a course fee. This course is offered every semester.

Credits: 3

EJA 3222 - Practical Presentation II

This course is for EJA students assigned to their second practicum at the Vermont Center for Community Journalism working as cross-platform journalists. Instruction will be tailored to expand on the interpersonal communication and story-telling skills mastered in EJA 2843. Students will continue to work towards a solid understanding of the importance of professional interaction with field contacts, the general public, and their colleagues. Students will be given training opportunities, both individually and within group sessions, in the preparation and execution of field interviews and standups, as well as in extemporaneous speaking during live webcasts and broadcasts. The course requires a prescribed wardrobe, and professional demeanor. Qualified students will be selected by VCCJ and ATM faculty/staff for on air slots on the News7 broadcast and/or related webcast or podcasts. Selection can be from previous semesters or by special arrangement for transfer students.

Prerequisites & Notes

The prerequisites are EJA 2843 and permission. For EJA majors, the co-requisite is EJA 3810, EJA 3811, EJA 3812 or EJA 3813. For ATM majors, the co-requisite is ATM 4010. There is a course fee. This course may be repeated once for credit. This course is offered every semester.

Credits: 3

EJA 3810 - VCCJ Practicum II: Reporting

This course allows students to work in the Vermont Center for Community Journalism as reporters. Approximately 12-15 hours per week in the VCCJ newsroom are required. The course requires a prescribed wardrobe, and professional demeanor.

Prerequisites & Notes

The co-requisites are EJA 3222 and one of the following: EJA 3811, EJA 3812, or EJA 3813, or permission. There is a course fee. This course is offered every semester.

Credits: 3

EJA 3811 - VCCJ Practicum II: Visual

This course allows students to work in the Vermont Center for Community Journalism as visual journalists for the nightly newscasts. Approximately 12-15 hours per week in the VCCJ newsroom are required. The course requires a prescribed wardrobe and professional demeanor. Visual journalists operate primarily on the "nightside" of the news day. However, they may occasionally be assigned an additional "dayside" assignment. Field production appearance and demeanor are prescribed by the faculty of record.

Prerequisites & Notes

The co-requisites are EJA 3222 and one of the following: EJA 3810, EJA 3812, or EJA 3813, or permission. There is a course fee. This course is offered every semester.

Credits: 3

EJA 3812 - VCCJ Practicum II: NewsLINC / NewsINK

This course allows students to work in the Vermont Center for Community Journalism as content providers for the NewsLINC website and/or NewsINK magazine. In addition to classroom work, approximately 5 hours per week in the VCCJ newsroom are required. The course requires a prescribed wardrobe and professional demeanor. NewsLINC writers operate primarily during 'dayside' hours.

Prerequisites & Notes

The co-requisites are EJA 3222 and one of the following: EJA 3810, EJA 3811, or EJA 3813, except when repeating, or permission. If a student has taken two other courses to fulfill their Practicum II requirements, this course may be used to replace EJA 4100. This course may be repeated once for credit. There is a course fee.

Credits: 3

EJA 3813 - VCCJ Practicum II: VJ

This course allows students to work in the Vermont Center for Community Journalism as video journalists for the nightly newscasts. In addition to classroom work, approximately 5-10 hours per week in the VCCJ newsroom are required. The course requires a prescribed wardrobe and professional demeanor. Video journalists operate primarily on the 'nightside' of the news day. However, they may occasionally be assigned an additional 'dayside' assignment.

Prerequisites & Notes

The co-requisite is EJA 3222, or permission. Students must also take EJA 3810, EJA 3811, or EJA 3812 concurrently (except when repeating), or permission. This course may be repeated once for credit. There is a course fee.

Credits: 3

EJA 3820 - Junior Internship/Co-op

This course enables students of good standing and achievement in the third year of study to participate in introductory "on-the-job" work experience in media-related situations separate from the classroom. Students must apply for a co-op in advance, and must meet with their academic advisor for materials, application form, and procedural details. See also the section on cooperative

education elsewhere in this catalog. All students applying for co-op placements in EJA must receive departmental approval of the co-op placement and plan. Students must have achieved a 3.0 GPA in a specific EJA option.

Prerequisites & Notes

The prerequisites are sophomore standing and EJA 3810.

Credits: 1 to 6

EJA 3850 - Social Media in Journalism

Students will use journalistic scenarios to explore how to use social media to report and gather news. Students will learn how to use social media in a professional capacity, understand shareable media, how to write for the digital age, and explore how to establish a professional digital footprint.

Prerequisites & Notes

Co-requisites are EJA 2815, or EJA 2825, or EJA 3810, or EJA 3811, or EJA 3812, or EJA 3813, or EJA 4810, or EJA 4820, or EJA 4830, or EJA 4850, or EJA 4851, or EJA 4852. There is a course fee. This course is offered every spring.

Credits: 3

EJA 4020 - Issues and Ethics

This course explores the role of community journalism in current national and international affairs, and the ethical dilemmas faced by practitioners. It examines the role of conflict, and the influence economics, technology and other industry elements have on the news reporting process.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course is offered every fall.

Credits: 3

EJA 4100 - Web Producing - Content Management

This course focuses on the web producing process as it pertains to journalism. Students will be actively involved in producing content and maintaining NewsLINC, our e-journalism platform. Basic HTML language, content management, and video for web elements are all part of this course.

Prerequisites & Notes

The prerequisite is EJA 3810. There is a course fee. This course is offered every semester.

Credits: 3

EJA 4550 - Advanced Practical Presentation

This course is designed for EJA students in the Practicum III and Convergence Portfolio courses within the Vermont Center for Community Journalism. Students will work closely with the instructor to further polish their interpersonal communication, storytelling, and extemporaneous skills. Student work will culminate in a portfolio which may include a resume, demo-reel, and other materials for use in job application.

Prerequisites & Notes

Prerequisites for the course are EJA 2843 and EJA 3222. Co-requisites are EJA 4810, EJA 4820, EJA 4850, EJA 4851, or EJA 4852. There is a course fee. This course may be repeated twice for credit, and is offered every semester.

Credits: 1

EJA 4720 - Senior Seminar

This course provides advanced small group learning and exploration in an area of the Vermont Center for Community Journalism program for ambitious students. The course focuses on student projects, and integrates previous course work and attention to future professional work. Assignments typical of this course assume academic maturity, self-motivation and organizational skills.

Prerequisites & Notes

The prerequisite is senior standing or permission. The course may be repeated once for credit. There may be a course fee.

Credits: 1 to 3

EJA 4810 - VCCJ Practicum III: Editorial

This course focuses on editorial work within the Vermont Center for Community Journalism for students pursuing an editorial focus and are assigned as reporters, producers, and anchors (upon approval). A minimum of 35 hours per week of on-site work at the VCCJ is required. The course requires a prescribed wardrobe and professional demeanor.

Prerequisites & Notes

This course must be taken concurrently with EJA 4550. The prerequisites are two VCCJ Practicum II courses (EJA 3810, EJA 3811, EJA 3812, or EJA 3813), and/or permission. There is a course fee. This course is offered every semester and may be repeated for credit but only 6 credits may count for program requirements.

Credits: 6

EJA 4811 - Advanced VCCJ Practicum III

This course advances the editorial work done in EJA 4810. A minimum of 16 hours per week of on-site work at the VCCJ is required. The course requires a prescribed wardrobe, and professional demeanor.

Prerequisites & Notes

This course must be taken concurrently with EJA 4550. The prerequisite is EJA 4810 and permission. There is a course fee. This course is offered every semester and may be repeated once for credit.

Credits: 3

EJA 4820 - VCCJ Practicum III: Visual

This senior-level practicum is for all EJA students with a Visual focus. Students who enroll in the practicum may also serve as assistant directors, technical directors, and/or line directors for the News7 broadcasts. At least 35 hours per week of on-site work at the Vermont Center for Community Journalism broadcast facility are required. The course requires a prescribed wardrobe and professional demeanor.

Prerequisites & Notes

This course may be repeated twice for credit, but only 6 credits may be counted towards program requirements. The prerequisites are EJA 3810 and EJA 3222. The co-requisite is EJA 4550 and permission. There is a course fee. This course is offered every semester.

Credits: 6

EJA 4830 - VCCJ Practicum III: Print & Digital Journalism

This practicum course gives students the opportunity to work and oversee the publication of NewsINK, the electronic magazine of the Vermont Center for Community Journalism. Emphasis is placed on gaining day-to-day practical knowledge of reporting, writing, and other journalistic skills under deadline pressure. At least 35 hours per week of on-site work at the VCCJ are required. The course requires a prescribed wardrobe and professional demeanor.

Prerequisites & Notes

The prerequisites are EJA 2815 and EJA 3812. The co-requisites are EJA 4550 and permission. There is a course fee. This course is offered every semester.

Credits: 6

EJA 4840 - Senior Internship

This course enables students of advanced standing and achievement the opportunity to participate in “on-the-job” work experience in media-related situations separate from the classroom. Students must apply for a co-op in advance, and must meet with their academic advisor for materials, application form, and procedural details. See also the section on cooperative education elsewhere in this catalog. All students applying for co-op placements in EJA must receive departmental approval of the co-op placement and plan.

Prerequisites & Notes

VCCJ students applying for co-op placement must have successfully completed EJA 3810.

Credits: 1 to 6

EJA 4850 - eJ Convergence Portfolio: I-Team

This portfolio course applies investigative-reporting techniques to the online (converged) newsroom environment of the Vermont Center for Community Journalism. Students produce in-depth, broadcast-quality reports with companion web-content through beat reporting, document research, and public meetings coverage. A minimum of 8 hours each week reporting beyond classroom meetings is required.

Prerequisites & Notes

The prerequisite or co-requisite is EJA 4810. The co-requisites are EJA 4550 and permission. There is a course fee. This course is offered every spring.

Credits: 3

EJA 4851 - eJ Convergence Portfolio: Photojournalism

This course allows students to explore and practice the art of photojournalism utilizing both the still and video mediums. Photographers develop visual storytelling techniques in the style and tradition of the National Press Photographers Association.

Prerequisites & Notes

The prerequisite is EJA 4820. The co-requisite is EJA 4550. There is a course fee. This course is offered every spring.

Credits: 3

EJA 4852 - eConvergence Portfolio: Web and Digital Journalism

This course expands upon the VCCJ Practicum III, allowing students to focus on e-journalism in web or e-print formats. Students work for NewsLINC or NewsINK, the e-journalism platforms, producing web-only content and anchoring (with permission) web only segments, or producing long-format e-content for e-publication. Approximately 10-15 hours per week within the VCCJ facilities are required.

Prerequisites & Notes

The prerequisite is EJA 4830. There is a course fee. This course is offered every spring.

Credits: 3

EJA 4900 - Special Studies in Community Journalism

This course provides an opportunity for advanced students to pursue topics of specific interest. Study contracts must be submitted to the department chair prior to registration.

Prerequisites & Notes

The prerequisite is permission. There is a course fee. This course is offered every spring.

Credits: 1 to 6

English

ENG 1035 - Foundations of Reading and Writing

This course focuses on individualized and group work covering study skills such as note-taking, outlining, skimming, and vocabulary development, as well as critical reading skills including recognizing essential points, evaluating the relevance of supporting information, and asking questions about the text. Intensive instruction in writing process provides students with basic English literacy and competence. Paragraph and short essay forms will be covered, and a review of grammar, punctuation, spelling, and sentence mechanics and structure will support students' writing on a college level. This course may be repeated up to three times for credit.

Prerequisites & Notes

There is a course fee. This course is offered every semester as a first-half and second-half mini.

Credits: 1.5

ENG 1081 - Writing and Reading Strategies for College

This course introduces students to the study of language fundamentals and provides practice in reading strategies and in organizing and writing short essays necessary for college success. While providing instruction in syntax, grammar, diction, punctuation, and the conventions of standard academic English, this course emphasizes instruction in writing and reading processes, including invention and revision strategies, developing or locating a thesis, and organizing the material into a coherent whole. The course also includes an introduction to information literacy, particularly collecting or researching information, but does not necessarily include a formal academic research paper.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

ENG 1082 - Academic Inquiry

This writing course provides an opportunity for study and practice in the principles of rhetoric, evidence, analysis, exposition, and argument as a foundation for academic inquiry. Students will be expected to analyze source material from across the disciplines; to evaluate, summarize, and document the thoughts of others; and to synthesize researched evidence to create clear explanations and to develop one's own academic argument. The course includes a review of research process and grammar and mechanics as needed, and at least one formal research paper will be required.

Prerequisites & Notes

The prerequisite is ENG 1081 or permission. There is a course fee. This course is offered every semester.

Credits: 3

ENG 1280 - Fundamentals of Public Speaking

[LGSS1] This course focuses on the practical skills of public speaking essential for effective expository and persuasive presentations in interpersonal, small group, and broad public circumstances. Topics may include extemporaneous and prepared speaking techniques, effective listening, critical analysis, and basic principles of organization and research needed for effective speeches.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

ENG 1310 - Introduction to Literature

[LGWL2] This course consists of the study of short stories, poetry, drama, and nonfiction and requires frequent student compositions. It develops the ability to read perceptively and to write effectively about literature.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

ENG 2085 - Public Relations, Advertising, and Marketing

[LGSS1] This course introduces the principles and practice of public relations, advertising, and marketing in a multimedia environment. Exploring marketing strategies that guide corporations, advertising campaigns that shape popular culture, and public-relations efforts that drive news headlines, this course will examine the role of strategic communications in society. The course offers practical experience in the techniques of writing and producing news releases, marketing projects, and advertising messages for a wide variety of media.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. This course is offered every odd-numbered spring.

Credits: 3

ENG 2130 - Introduction to Writing Poetry

[LGAD3] This course explores the art and the craft of writing poetry and offers an opportunity to practice concepts learned in class in a variety of written exercises. While the instruction encourages students to study published poetry, the emphasis will be on writing poetry for an audience of poetry readers. The course will also cover the rudiments of narrative structure. No previous creative writing experience is required.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. This course is offered every fall.

Credits: 3

ENG 2140 - Introduction to Writing Fiction

[LGAD3] This course explores the art and the craft of writing fiction and offers an opportunity to practice concepts learned in class in a variety of written exercises. While the instruction encourages students to study published fiction, the emphasis will be on writing original fiction. No creative writing experience is required.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. This course is offered every spring.

Credits: 3

ENG 2155 - Multimedia Storytelling

[LGAD3] This course explores the theory and practice of creative and professional writing across media platforms. The instruction allows students to construct narratives using a mix of text, photography, audio, video, and graphics. The course emphasizes development of multimedia offerings for online presentation.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

ENG 2250 - Critical Approaches

[LGWL2] This course provides an introduction to methods of critical analysis of narrative and other forms of storytelling, textual and visual. Beginning with an exploration of the essential categories and vocabulary of critical analysis, this course briefly surveys classical theories, such as those of Aristotle and Plato, and focuses on recent theoretical approaches such as reader-response theory, deconstruction, feminist and gender theory, new historicism, psychoanalytic approaches, semiotics, film theory, and cultural criticism. Students will learn how these theories can be applied to specific genres, texts, and media.

Prerequisites & Notes

The prerequisite is ENG 1082. This course is required for English Secondary Education Licensure. This course is offered every fall.

Credits: 3

ENG 2290 - Survey of British Literature and Culture

[LGWL2] This course explores the roots and transformations of British literature and culture from the Medieval through the Modern periods through representative major figures such as Chaucer, Shakespeare, Milton, Swift, Wordsworth, Dickens, Yeats, and Woolf.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. This course is required for English Secondary Education Licensure. This course is offered every fall.

Credits: 3

ENG 2325 - Survey of American Literature and Culture

[LGWL2] This course explores the roots and transformations of American literature and culture from the pre-Colonial period to the twentieth century. Genres include poetry, fiction, historical narrative, autobiography, and drama.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. This course is required for English Secondary Education Licensure. This course is offered every spring.

Credits: 3

ENG 2390 - Survey of World Literature: Explorations

[LGCC4] This course, by focusing primarily but not exclusively on the modern era, explores the representations, ideas, and concerns of a variety of cultures through selected literary works that are considered significant by the culture that each embodies. Texts to be considered might include Kafka's *The Metamorphosis* and Achebe's *Things Fall Apart*. The emphasis throughout will be on the ways in which the texts address issues of identity, gender, and cultural differences.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. This course is required for English Secondary Education Licensure. This course is offered every spring.

Credits: 3

ENG 2535 - Genre Survey

[LGWL2] This course will explore a variety of literary and cultural genres at an intermediate level. Specific genres that might be explored in any given semester include: Mystery and Detective Fiction; Literary Non-Fiction; Epic Poetry; Fantasy Literature; and Adventure Literature.

Prerequisites & Notes

This course may be repeated for credit with a change of genre but may be counted only twice toward program requirements. The prerequisite is ENG 1082 or permission. This course is offered every semester.

Credits: 3

ENG 2540 - Global English: Forms, Roles & Issues

[LGCC4] This course addresses the importance of language in general as a means of understanding ourselves and the world around us. Topics include, but are not limited to, history of the English language, dialects of American English, World Englishes, language acquisition and language pathology, language and culture, gender difference, language policy and planning.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. The course is required for English Secondary Education Licensure. The course is offered every semester.

Credits: 3

ENG 2545 - Literature and Culture Survey

[LGWL2] This course examines intermediate topics at the intersection of literature and culture by exploring various literary themes and issues in their cultural contexts. Specific themes or issues that might be explored in any given semester include: Greek and Roman Classics; Arthurian Literature; Outsiders in Literature; Dangerous Literature; and the Literature of Business.

Prerequisites & Notes

This course may be repeated with a change of issue or theme but may be counted only twice toward program requirements. The prerequisite is ENG 1082 or permission. This course is offered every semester.

Credits: 3

ENG 2710 - Topics in English

This course provides students the opportunity to pursue topics appropriate to the 2000-level not offered in the general English curriculum.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission.

Credits: 3

ENG 2815 - On-Site Experience

This course provides students with an immersion experience away from the Lyndon campus, such as a film festival, theater performance, a professional conference, or travel to a culturally significant locale. Students will be expected to attend meetings prior to, during, and after the experience. The academic content of the course will focus on participation in the experience activities, group discussions, and reflection papers about the experience. Students registered for 2 or 3 credits will be required to complete extended analytical or research papers.

Prerequisites & Notes

This course may be repeated for credit, but no more than three credits may be counted toward program requirements. The prerequisite is ENG 1082 or permission. There is a course fee.

Credits: 1-3

ENG 3010 - Advanced Composition and Rhetoric

[LGAD3] This course offers advanced study of and practice in analytical, argumentative, persuasive, and expository writing, as well as rhetorical strategies. There is a substantial focus on the formal aspects of writing: grammar, mechanics, syntax, structure, and style. In addition, the course explores logic and rhetoric, techniques of rational and emotional persuasion, and the power of language.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission. There is a course fee. This course is offered every spring.

Credits: 3

ENG 3025 - Media and Society

[LGSS1] This course explores the history, functions, and social effects of mass communication media, both within the United States and internationally, to provide a framework for the critical analysis of the politics, economics, and structure of the media. Topics include the roles and responsibilities of mass media in the context of a robust democracy, media law and ethics, technological developments related to the delivery and consumption of mass media, philosophical and psychological approaches to understanding the media's influence on individuals and society, and possible future scenarios of the field.

Prerequisites & Notes

The prerequisite is INT 2040 or permission. This course is offered every odd-numbered spring.

Credits: 3

ENG 3080 - Strategic Media Communications

This course offers advanced study of strategic media communication techniques in a practical setting. The instruction covers advanced topics such as integrated marketing communication, crisis communication, and social media messaging. Students act as public-relations and advertising consultants for selected clients.

Prerequisites & Notes

The prerequisite is ENG 2085. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

ENG 3110 - Creative Writing Workshop

[LGAD3] This workshop studies the techniques of creative writing in various genres, including fiction, poetry, drama, screenplays, and creative non-fiction, and offers practice of those techniques in a workshop setting. Student work-in-progress is critiqued through class discussion and frequent conferences with the instructor and fellow student writers. This course may be repeated once for credit with permission but may count only once toward program requirements.

Prerequisites & Notes

There is a course fee. The prerequisite is ENG 2130 or ENG 2140 or permission. This course is offered every fall.

Credits: 3

ENG 3135 - Writing Lyric: Form and Theory

[LGAD3] This course examines various theories, both ancient and modern, of how lyric poetry works to convey an emotion. The class will study lyrical moments, not only in poetry and song, but also in fiction, film, drama, essays, and photography. Students will also write lyrical pieces of their own and workshop them in class.

Prerequisites & Notes

The prerequisite is ENG 2130 or ENG 2140 or ENG 2155. There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

ENG 3145 - Writing Narrative: Form and Theory

[LGAD3] This course examines various theories of how narrative structure works to convey meaning and make sense of the world. The class will study a range of narratives from fiction and poetry to history and clinical case studies. Students will also write narratives of their own and workshop them in class.

Prerequisites & Notes

The prerequisite is ENG 2130 or ENG 2140 or ENG 2155. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

ENG 3385 - Genre Seminar

[LGWL2] This seminar will explore a variety of literary and cultural genres at an advanced level. Specific genres that might be explored in any given semester include: Folklore, Fairy Tales, and Children's Literature; Gothic Literature; and Travel Literature. This course may be repeated for credit with a change of genre but may be counted only twice toward program requirements.

Prerequisites & Notes

The prerequisite is INT 2040 or one ENG 2000-level literature course or permission. This course is offered every semester.

Credits: 3

ENG 3545 - Literature and Culture Seminar

This course examines advanced topics at the intersection of literature and culture by exploring various literary themes and issues in their cultural contexts. Specific themes or issues that might be explored in any given semester include: The Bible as literature; Myths and Mythologies; Slave Narratives; The Self and Society; Poetry, Philosophy, and Politics; and Performing Gender.

Prerequisites & Notes

This course may be repeated with a change of issue or theme but may be counted only twice toward program requirements. The prerequisite is INT 2040 or one ENG 2000-level literature course or permission. This course is offered every semester.

Credits: 3

ENG 3710 - Topics in English

This course provides students the opportunity to pursue topics appropriate to the 3000-level not offered in the general English curriculum.

Prerequisites & Notes

The prerequisite is ENG 1082 or permission.

Credits: 3

ENG 4080 - Advanced Creative Writing Workshop

This workshop focuses on the advanced study of a particular genre of creative writing of the student's choosing. In consultation with the instructor, the student will choose a creative writing genre and a suitable project to pursue. Student work-in-progress is critiqued through class discussion and frequent conferences with the instructor and fellow student writers. This course may be repeated once for credit with permission but may be counted only once toward program requirements.

Prerequisites & Notes

There is a course fee. The prerequisite is ENG 3110 or permission. This course is offered every fall.

Credits: 3

ENG 4710 - Topics in English

This course provides students the opportunity to pursue topics appropriate to the 4000-level not offered in the general English curriculum.

Prerequisites & Notes

The prerequisites are ENG 1082 and junior standing, or permission.

Credits: 3

ENG 4750 - Senior Seminar

[LGWL2] This course examines a single, advanced literary theme, author, or text in great detail. Specific topics that might be explored in any given semester include: Shakespeare's Globe; the Austen industry; Twain's America; The Canterbury Tales; Derrida and deconstruction; and Frost's poetry.

Prerequisites & Notes

This course may be repeated with a change of topic but may be counted only once toward program requirements. The prerequisite is INT 2040 or one ENG 2000-level literature course or permission. This course is offered every fall.

Credits: 3

ENG 4810 - Internship in English

The internship provides students with practical experience in the application of their previous course work in the major. Arrangements for placement must be made with the supervising faculty member, faculty advisor, the site supervisor, and the Career Services office. Following approval of the work experience, students are required to submit a learning contract and biweekly reports.

Prerequisites & Notes

The prerequisite is permission. The internship may be repeated for credit, but only 3 credits may be counted toward program requirements.

Credits: 2-15

ENG 4900 - Independent Study in English

Independent Study offers students of English an opportunity to concentrate on an area of interest or to extend their range. The details of study are arranged between each student and the instructor. The course may be repeated for credit.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1 to 3

ENG 4910 - Senior Portfolio

This course provides students the opportunity to demonstrate their competency and proficiency in writing. Students meet independently with a professor to produce a portfolio of written work.

Prerequisites & Notes

The prerequisite is permission. This course is offered every semester.

Credits: 3

Environmental Science

ENV 1080 - Introduction to Environmental Science

[LGNR7] This course studies the environment and solutions to environmental problems. As an interdisciplinary academic field, it lies at the intersection of physical and biological sciences. This course introduces students to fundamental concepts in physical and ecological processes that shape our environment and the role that human civilizations have in shaping the environment. Emphasis is placed on examining solutions to current environmental problems including aspects of soil, water and air pollution, ecosystem services, biomimicry, environmental toxicology, living machines, phytoremediation, bioremediation and green chemistry. Central to this course are semester-long student projects.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 4

ENV 2040 - Introduction to Environmental Restoration

[LGNR7] This course introduces students to the theory and practical applications of environmental restoration. A diverse array of habitat restoration techniques are addressed, including artificial cavity nest construction for birds, vernal pool creation for amphibians, streambank restoration, invasive exotic species control, and reptile hibernacula formation. The vast majority of the course is spent in the field involving hands-on restoration activities in local habitats working in concert with area landowners. The course emphasizes restoration techniques that may be readily used in area high school and junior high school science programs.

Prerequisites & Notes

The prerequisite is SCI 1030. There is a course fee. This course is offered every summer and as needed.

Credits: 4

ENV 2060 - Energy, Environment, and Society

[LGNR7] This course focuses on such topics as energy sources and transformations, energy use and crises, environmental impact, alternative energy systems, solar energy, energy conservation, problems associated with nuclear power, and relations between energy use and environmental pollution. This course is cross-listed with PHY 2020.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 4

ENV 2090 - Sustainable Living

[LGNR7] This course addresses the global environmental consequences of contemporary human lifestyles and ways to live more sustainably, ranging from specific everyday measures that anyone can take to policies and approaches that can bring about broad societal change. Topics covered include solid waste reduction, recycling, composting, energy and water conservation, household heating, transportation of goods, paper and plastics industries, ore and mineral extraction, rainforest conservation, localvorkism,

informed consumerism, and green product alternatives.

Credits: 3

ENV 3060 - Waste Reduction and Management

This course discusses Important issues concerning waste management such as landfilling, recycling, and waste reduction. The relationship between solid waste, and environmental quality will be investigated. Methods that reduce waste or use certain wastes as a resource will be introduced.

Prerequisites & Notes

The prerequisite is junior standing. There is a course fee. This course is offered every even-numbered fall.

Credits: 2

ENV 3070 - Environmental Site Assessment

This course will cover methods of measuring and monitoring the environment. Properties and uses of sensors and analyzers such as gas chromatographs, infrared spectrometers, radioactivity sensors, and pollution detection/measurement equipment will be investigated. Also, methods of obtaining, and processing computer compatible data will be covered.

Prerequisites & Notes

The prerequisites are CHE 1032 and PHY 2032, or permission. There is a course fee. This course is offered every odd-numbered spring.

Credits: 2

ENV 3110 - Environmental Pollution

This course focuses on applying concepts of sustainable environmental management of chemicals. Emphasis is placed on the remediation of contaminated land and water with living technologies such as living machines, phytoremediation, bioremediation, and biomimicry. Discussion of current issues in environmental pollution including state, federal, and international legislation, current events, and emerging technologies occurs throughout the course.

Prerequisites & Notes

The prerequisites are one chemistry course and MAT 1410, or permission. There is a course fee. This course is offered every even-numbered spring.

Credits: 4

ENV 3120 - Environmental Modeling

This course is designed to introduce students to the basic concepts of modeling of various processes in the environment. The emphasis will be on the understanding of scientific principles underlying the models and software that describe typical models.

Prerequisites & Notes

The prerequisites are junior standing and MAT 1410, or permission. There is a course fee. This course is offered every odd-

numbered fall.

Credits: 2

ENV 3140 - OSHA Safety Course

This course covers processes, techniques, and procedures that will enable students to identify, evaluate, and control hazardous situations. Students will acquire the knowledge and capability to develop safety plans and select the proper materials, and equipment for hazardous situations.

Prerequisites & Notes

The prerequisite is CHE 1032. There is a course fee. This course is offered every even-numbered spring.

Credits: 2

ENV 3180 - Ecology & Landscape History of the Green Mountains

In this course, students will spend three weeks in the field, exploring the ecology, natural history, cultural history, and modern issues found in the diverse ecosystems of the Green Mountains. During this time they will hike along America's oldest long-distance hiking trail, the Long Trail. The formative ecological and geologic processes, historical movements, cultural patterns, and current issues in this landscape that will be our classroom are often similar across the globe. Through gaining first-hand experience investigating these processes, students develop a "tool kit" that they can use to self-educate, teach, and lead wherever they go. Students participating in the class will learn through a combination of fieldwork (labs), ecological interpretation, facilitated discussion, and lectures.

Prerequisites & Notes

The prerequisite is permission. There is a course fee.

Credits: 4

Exercise Science

XSC 1090 - Introduction to Exercise Science

This course offers an overview of the professional study of exercise science. Topics of study will include career options, professional standards, history of exercise science, research and analysis, measurement techniques, human anatomy, human physiology, epidemiology, components of fitness, nutrition, biomechanics, motor control, and sports psychology.

Prerequisites & Notes

There is a course fee.

Credits: 3

XSC 1255 - Fitness for Health and Performance

This course will introduce students to the health related components of fitness (muscular strength, muscular endurance, cardiorespiratory fitness, flexibility, and body composition) and the performance-related components of fitness (speed, power, agility, neuromuscular coordination, reaction time, balance, and muscular strength). Lectures and physical activity sessions will emphasize these components.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

XSC 1260 - Professional Experience

This experiential course includes supervised educational and professional activity at a conference, symposium, workshop, or related physical education, exercise science, or sports medicine event. The course may be repeated when no duplication of experience results.

Prerequisites & Notes

The prerequisite is XSC 1090. There is a course fee.

Credits: 1 - 3

XSC 2050 - Human Gross Anatomy

[LGSE8] This course will examine regional, systemic, and clinical study of the structure of the human body. Topics will include but are not limited to the skeletal, muscular and nervous systems.

Prerequisites & Notes

This course is offered every fall. There is a course fee. The prerequisite is BIO 1210 or BIO 1212.

Credits: 4

XSC 2055 - Human Physiology

This course will examine regional, systemic, and clinical study of the function of the human body. Topics will include but are not limited to homeostatic control mechanisms as a function of the cardiovascular, respiratory, endocrine, thermoregulatory, muscular, and skeletal systems.

Prerequisites & Notes

The prerequisite is XSC 2050. This course is offered every spring. There is a course fee.

Credits: 4

XSC 2060 - Sport and Exercise Psychology

This course explores theory, research, and application in sport and exercise psychology with the intent to educate coaches, athletes, parents, exercisers, fitness professionals, and aspiring allied health professionals (AT, PT, OT, PA) about the psychological aspects of their sport or activity. A primary goal of this course is to identify strategies to facilitate optimal involvement, performance, enjoyment, and behavioral change in sport and exercise.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 3

XSC 2111 - Care and Prevention of Injuries

This course introduces the sport medicine and pedagogy students to the methods and theories of proper treatment of injuries. The practicum involves the application of preventive, supportive, and special padding techniques which are used in injury management.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 4

XSC 2140 - Personal and Community Health

This course, a study of the human organism in today's changing society, stresses discussion and involvement in topics that shape students' futures. The instruction seeks to increase student awareness of personal health topics and to help them make decisions suitable to their personal health needs.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 3

XSC 2153 - Evaluation & Management of Lower Extremities

This course provides an in-depth study for the theories of evaluation, mechanisms of injuries, and management of specific problems commonly encountered in athletic injuries for the joints and regions of the lower extremities. In addition, the course provides application of advanced preventive measures, reduction methods, special padding, and immobilization techniques.

Prerequisites & Notes

The prerequisite is XSC 2111.

Credits: 3

XSC 2154 - Evaluation & Management of Upper Extremities

This course provides an in-depth study for the theories of evaluation, mechanisms of injuries, and management of specific problems commonly encountered in athletic injuries for the joints and regions of the upper extremities. In addition, the course provides application of advanced preventive measures, reduction methods, special padding, and immobilization techniques.

Prerequisites & Notes

The prerequisite is XSC 2111.

Credits: 3

XSC 3020 - Therapeutic Modalities

This course provides an in-depth study and the application of therapeutic modalities used in rehabilitation. The instruction includes such areas as ultrasound, electrical stimulation, iontophoresis, hydro and cryotherapy, with an emphasis on record keeping and legal documentation, pain theories, and the normal response of the human body to trauma, the physiological process of wound healing and tissue repair.

Prerequisites & Notes

The prerequisites are XSC 2153 and XSC 2154. There is a course fee. This course is offered every spring.

Credits: 3

XSC 3060 - Physical Disabilities

This course focuses on the medical, educational, sociological, and scientific bases for identifying individuals having physical impairments. Intervening activities, understanding, physical education and recreational opportunities to those individuals will be presented in an adapted physical education laboratory experience. Students will also observe and analyze current settings and programs that provide such opportunities for these individuals.

Prerequisites & Notes

The prerequisite is junior standing. This course is offered every spring.

Credits: 4

XSC 3080 - Personal Fitness

This course is designed to provide students with instruction in the fundamental concepts necessary to provide fitness instruction. Content areas will include exercise programming, instructional technique, basic exercise science, nutrition and fitness assessment, spotting techniques, and professional responsibility. This course will prepare students to sit for the National Strength and Conditioning Association Certified Personal Trainer certification (NSCA-CPT).

Prerequisites & Notes

The prerequisite is XSC 3150. There is a course fee. This course is offered every spring.

Credits: 3

XSC 3120 - Kinesiology

This course offers a scientific study of the dynamics of biological motion with an emphasis on kinematic and kinetic analysis of morphological, environmental and biomechanical adaptations to movement. The course integrates mechanical theory, vector analysis, anatomy, and physiology.

Prerequisites & Notes

The prerequisites are XSC 2050 and XSC 2055. There is a course fee. This course is offered every spring.

Credits: 3

XSC 3130 - Coaching Principles

The course is designed to introduce students to the fundamental principles of coaching. Topics studied include developing a coaching philosophy, sport pedagogy, communicating with your athletes, the management functions and roles of a coach, and elements of sport physiology related to athlete/team conditioning and preparation. Students will learn via lecture material, role playing, and considerations of the practical application of coaching principles to real-life situations.

Prerequisites & Notes

There is a lab fee. This course is offered in the spring.

Credits: 3

XSC 3150 - Physiology of Exercise

This course provides a systematic study of human physiological, biochemical processes, activities and phenomena as observed during and after physical exercise.

Prerequisites & Notes

The prerequisite is XSC 2055. There is a course fee. This course is offered every fall.

Credits: 4

XSC 3810 - Practicum in Exercise Science

This course will provide students in the Department of Exercise Science with an experiential opportunity exercise science as a potential precursor to an internship. The course may be repeated for credit, but the total may not exceed 6 credits. The practicum must be pre-approved by a mentoring faculty member in the Department of Exercise Science.

Prerequisites & Notes

The prerequisite is junior standing and permission. This course is offered every semester.

Credits: 1 to 6

XSC 4010 - Motor Development

This course offers a study of sensory-motor integration through the human life-span. The instruction emphasizes models, theories and experiments which assess motor learning and control through tests of motor performance.

Prerequisites & Notes

The prerequisite is XSC 3150. There is a course fee. This course is offered every spring.

Credits: 3

XSC 4071 - Assessment of Exercise Science

This course is designed to focus on the development, evaluation and practical application of assessment techniques used in Exercise Science areas such as teaching physical education, physical therapy, sport management and athletic training. It will include the practical application of measurement devices pertaining to those areas; the application of statistics in administering and analyzing measurement in those areas; and a review of current research in those areas.

Prerequisites & Notes

This course is offered every fall. The prerequisite is senior standing or permission.

Credits: 3

XSC 4072 - Research Methods in Exercise Science

This course provides the senior capstone experience for all Exercise Science majors. The format for the research varies according to students' selected track. A student must have the sponsorship of a department faculty member and departmental approval of a research contract.

Prerequisites & Notes

The prerequisite is XSC 4071. There is a course fee. This course is offered every spring.

Credits: 3

XSC 4080 - Fundamentals of Physical Conditioning

This course will provide advanced study of the components of fitness. Topics of study will include, but are not limited to the following: fitness assessment testing, individualized exercise prescriptions, team conditioning programs, risk factor analysis and chronic disease prevention, behavior modification, nutrition and weight control, body composition analysis, hydration and heat illness prevention, physiological effects of training and overtraining. This course will incorporate principles of exercise physiology, nutrition, sports medicine, health, and wellness programming. Emphasis will be placed on theory of and participation in physical activity (anaerobic and aerobic systems training). Student instructed fitness laboratory sessions will be used to enhance lecture and activity understanding. The knowledge, skills, and abilities governing the National Strength and Conditioning Association's Certified Strength and Conditioning Specialist (CSCS) examination will serve as foundations for content covered.

Prerequisites & Notes

The prerequisites are XSC 3120 and XSC 3150. This course is offered every spring.

Credits: 3

XSC 4090 - Exercise Testing, Interpretation, and Intervention

This course will introduce students to the principles and practices underlying accurate and appropriate exercise testing methods and prescription of exercise as an intervention for a broad spectrum of participants. This course will provide students with opportunities to practically apply didactic information studied in anatomy, physiology, exercise physiology, and kinesiology. Course topics will include: preliminary health screening and risk classification, assessing and designing cardio respiratory exercise programs, assessing and designing strength, muscular endurance, and resistance training programs, assessing flexibility and designing stretching programs, and assessing body composition and designing weight management and body composition programs. The laboratory component will focus on risk stratification and acquisition of knowledge, skills, and abilities necessary to sit for the American College of Sports Medicine Health Fitness Specialist (HFS) certification.

Prerequisites & Notes

The prerequisite is XSC 3150 and the co-requisite is XSC 4130. There is a course fee. This course is offered every fall.

Credits: 4

XSC 4130 - Practical Applications in Exercise Science

This course reinforces and expands academic, laboratory, and practical components of exercise applications prior to a senior practicum or internship. This course will elucidate the foundation of standards and guidelines for students to serve as practitioners of exercise science.

Prerequisites & Notes

The co-requisite is XSC 4090. There is a course fee. This course is offered every fall. This course may be repeated for credit.

Credits: 2

XSC 4140 - Emergency Medical Technician

This course is designed to introduce the skills that lead to Emergency Medical Technician - Basic (EMT-B) certification. Students who successfully complete the course are eligible to take the Vermont written and practical examinations that lead to certification and licensure in the state of Vermont. Students are also eligible to obtain National Registry status for EMT-B. The course content meets the Department of Transportation guidelines that have been established for the EMT-B course curriculum. Current affiliation with a rescue organization is required upon course registration.

Prerequisites & Notes

The prerequisite is permission. There is a course fee. This course is offered every other spring.

Credits: 3

XSC 4150 - Clinical Exercise Prescription

This course offers comprehensive study of applied clinical exercise physiology and its application in exercise prescription for clinical populations. Topics of study will include exercise prescriptions for coronary artery disease, arthritis, diabetes mellitus, dyslipidemia, hypertension, obesity, metabolic syndrome, respiratory tract infections, osteoporosis, peripheral arterial disease, pulmonary disease, and pregnancy. This course includes academic content necessary for candidacy for certification as a Health Fitness Specialist (American College of Sports Medicine).

Prerequisites & Notes

The prerequisite is XSC 4090 and the co-requisite is XSC 4130. There is a course fee. This course is offered in the spring.

Credits: 3

XSC 4710 - Topics in Exercise Science

This course offers an opportunity for students to concentrate on topics and issues related to the field of Exercise Science. The course may be repeated for credit but the total may not exceed four credits.

Prerequisites & Notes

The prerequisites are junior or senior standing and permission.

Credits: 4

XSC 4810 - Internship In Exercise Science

The internship offers a full or part-time placement in an approved Exercise Science setting under the direct supervision of a qualified professional.

Prerequisites & Notes

The prerequisites are senior standing and permission. The internship may be repeated for up to a total of 12 credits. This course is offered every semester. There is a course fee.

Credits: 3 to 12

XSC 4820 - Practicum in Exercise Science

This course provides students with an experiential opportunity to actively design, implement, and administer strength and conditioning programs or health fitness instruction to local teams, organizations, and community members. A portfolio demonstrating completion of contractual course objectives is required. The practicum must be pre-approved by the Department of Exercise Science.

Prerequisites & Notes

The prerequisites are XSC 3810, senior standing, and permission. This course is offered every semester.

Credits: 1 to 6

XSC 4910 - Independent Study

This course provides students the opportunity to become involved in a project not offered in the general Exercise Science curriculum. The course requires work with a faculty member in designing and evaluating the project. The course may be repeated for credit but the total may not exceed six credits.

Prerequisites & Notes

The prerequisites are junior or senior standing and by arrangement with a departmental faculty member.

Credits: 1 to 6

Film Studies

FLM 1055 - Film Analysis and Appreciation

[LGAD3] This course is an introduction to the basic scholarly and evaluative approaches to film and video art, through critical analyses of narrative, documentary, animated, and experimental cinematic works.

Prerequisites & Notes

The prerequisite or co-requisite is ENG 1081 or permission. There is a course fee. This course is offered every semester.

Credits: 3

FLM 2015 - History of Cinema I

[LGPP5] This course surveys the social and aesthetic impact and development of cinema from its literary and technological origins in the nineteenth century through World War II. Topics include the French and American early silent cinema, Soviet expressive montage, German expressionist cinema, the French surrealist avante garde, the advent of sound, the predominance of the Hollywood studio system, and the growth of national cinemas around the world.

Prerequisites & Notes

The prerequisite is FLM 1055 or ENG 1082 or permission. There is a course fee. This course is offered every fall.

Credits: 4

FLM 2025 - History of Cinema II

[LGPP5] This course surveys the social and aesthetic impact and development of cinema after World War II until the present day. Topics include the rise of independent filmmaking, Italian neo-realism, the development of the Auteur Theory, the growth of art cinema, the French new wave, New Hollywood, and contemporary developments, including home video and digital technologies.

Prerequisites & Notes

The prerequisite is FLM 1055 or ENG 1082 or permission. FLM 2015 is recommended. There is a course fee. This course is offered every spring.

Credits: 4

FLM 2710 - Special Topics in Film Studies

This course provides students the opportunity to pursue topics appropriate to the 2000-level not offered in the general Film Studies curriculum.

Prerequisites & Notes

The prerequisite is FLM 1055 or permission.

Credits: 3-4

FLM 3010 - Auteur Filmmakers Seminar

[LGAD3] The subject of this course varies each semester and offers the advanced student of cinema intensive study of the works of a single premier filmmaker or of a group of closely related filmmakers. This course may be repeated for credit with a change of topic, but may count only once toward program requirements. There is a required screening lab attached to this course.

Prerequisites & Notes

The prerequisite is FLM 1055 or ENG 1082 or permission. There is a course fee. This course is offered every odd-numbered fall.

Credits: 4

FLM 3320 - Film and Culture Seminar

[LGAD3] This course examines the intersection of film and culture by exploring various themes and issues from the history of cinema in their cultural contexts. Topics include the work of particular filmmakers, the codes and conventions of specific genres, and the evolution of noteworthy subjects across a variety of films. Specific themes or issues that might be explored in any given semester include: Food on Film, The Cold War, and American Horror Stories. This course may be repeated with a change of topic but may be counted only once toward program requirements.

Prerequisites & Notes

The prerequisite is FLM 1055 or ENG 1082 or permission. There is a course fee. This course is offered every summer.

Credits: 3

FLM 3610 - Film Studies Seminar

[LGAD3] The subject of this course varies each semester and offers the advanced student of cinema intensive humanistic study of specialized generic, stylistic, and creative problems in the fields of film and/or video. This course may be repeated with a change of topic, but may count only once toward program requirements. There is a required screening lab attached to this course.

Prerequisites & Notes

The prerequisite is FLM 1055 or ENG 1082 or permission. There is a course fee. This course is offered every even-numbered fall.

Credits: 4

FLM 3710 - Special Topics in Film Studies

This course provides students the opportunity to pursue topics appropriate to the 3000-level not offered in the general Film Studies curriculum.

Prerequisites & Notes

The prerequisite is sophomore standing and FLM 1055 or permission.

Credits: 3-4

FLM 4010 - Theory of Cinema

[LGWL2] This course investigates the salient theories of cinema from the pioneering work of Eisenstein and Pudovkin to current work in ideological, structuralist, and semiotic analysis. Reference is made to traditional literary and art criticism and to relevant sociological and anthropological research, but little attention is paid to routine journalistic film criticism. There is a required screening lab attached to this course.

Prerequisites & Notes

The prerequisite is FLM 1055 or FLM 3010 or FLM 3610 or permission. There is a course fee. This course is offered every spring.

Credits: 4

FLM 4710 - Special Topics in Film Studies

This course provides students the opportunity to pursue topics appropriate to the 4000-level not offered in the general Film Studies curriculum.

Prerequisites & Notes

The prerequisites are junior standing and FLM 1055 or permission.

Credits: 3-4

FLM 4810 - Internship in Film Studies

The internship provides students with practical experience in the application of their previous course work for the major. Arrangements for placement must be made with the supervising faculty member, faculty advisor, the site supervisor, and the Career Services office. Following approval of the work experience, students are required to submit a learning contract and biweekly reports.

Prerequisites & Notes

The prerequisite is permission. The internship may be repeated for credit, but only 3 credits may be counted toward program requirements.

Credits: 2-15

Foreign Language

FLL 1010 - Immersion Experience

This course explores a variety of topics in a foreign language by immersing students in different areas of linguistic, cultural, and historical interest. The course requires the use of the foreign language during the planned course experiences. Students are expected to attend class meetings prior to the immersion experience to prepare for it, and afterwards to process it. This course may be repeated when no duplication of experience results.

Prerequisites & Notes

The prerequisite is permission. There is a course fee. This course is offered every semester.

Credits: .5 to 6

FLL 2710 - Topics in Foreign Language

This course offers a study in a variety of areas of foreign language, not extensively treated in regularly scheduled offerings.

Prerequisites & Notes

The course may be repeated once for credit. There may be a course fee.

Credits: 3

FLL 2810 - Co-op in Foreign Language

This course gives students the opportunity to put to use the linguistic and cultural acquisitions made in class within a foreign language-related placement. The placement must be approved in advance by the Social Science Department, the employer and the college Cooperative Education office. See the section on Cooperative Education elsewhere in this catalog.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 1 to 6

FLL 2910 - Independent Study in Foreign Language

Independent Study in Foreign Language allows the student to pursue the exploration of a topic of foreign language not offered in the regular curriculum, under the tutelage of a mentor fluent in the requisite language. An independent study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 3

French

FRE 1111 - French I

[LGCC4] This function-based course instills basic conversational patterns, the fundamentals of grammar, elementary reading selections, and writing skills. The instruction treats some aspects of French culture and civilization. The course is designed for those students who have had no previous French, or not more than a year or two of high school French.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

FRE 1112 - Intermediate French

[LGCC4] The second semester of this introductory level course continues to build on basic skill with further development of cultural, aural, written, speaking, and reading skills.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

FRE 2910 - Independent Study in French

Independent Study in French provides an opportunity for advanced study in selected areas of interest.

Credits: 1 to 4

Geographic Information Systems

GIS 1050 - Introduction to Fundamentals of Geographic Information Systems (GIS) and Global Positioning Systems (GPS)

This course introduces students to the technical components of data acquisition, map projections, scale and cartographic features of basic map composition. Students will be introduced to ARCView, ESRI GIS system.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

GIS 2010 - Spatial Analysis Techniques in Geographic Information Systems

This course builds upon basic GIS spatial analytical techniques such as: buffering, interpolation, overlay techniques and concepts for both vector and raster based GIS applications. Students will be working on an ESRI desktop Spatial Analysis software extension.

Prerequisites & Notes

The prerequisites are sophomore standing and permission. There is a course fee. This course is offered every fall.

Credits: 3

Geography

GEO 1010 - Introduction to Geography

[LGNR7] This course addresses the question “Where?” by taking a regional approach to an understanding of the ecology of human, and physical worlds. This course considers a place not only in terms of its unique environmental features, but of its position in a network of economic, social and political relationships that link one place with every other place.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

GEO 2710 - Topics in Geography

This course provides students the opportunity to pursue topics of special interest in geography appropriate to the 2000-level that are not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 1 to 3

GEO 2910 - Independent Study in Geography

Independent Study in Geography allows the student to pursue the exploration of a topic in geography not offered in the regular curriculum under the tutelage of a department faculty member. An independent-study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 1 to 3

Geology

GEY 1111 - Introduction to Geology I

[LGSE8] This course investigates changes that have occurred in landscapes over a long time which are detected by a study of the processes of rock weathering, erosion, deposition, regional uplift and subsidence, folding and faulting, metamorphism and igneous activity. The instruction proposes a partial geologic history of northern New England that appears consistent with these processes and also consistent with observations made on field trips. The course provides exercises using topographic maps, vertical aerial photographs and geologic maps. The course requires three classroom hours and one two-hour lab per week.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 4

GEY 2112 - Introduction to Geology II

This course investigates the evolution of the northern Appalachian landscape with the help of small-scale geologic maps. It studies the evolution of other landscapes all over the world in the light of the geologic history of the northern Appalachians and Plate Tectonic Theory. The course includes one weekend-long field trip across northern Vermont and Canada. Weekly field labs include work in the White Mountains. The course requires three classroom hours and one two-hour lab per week.

Prerequisites & Notes

The prerequisite is GEY 1111. There is a course fee. This course is offered every fall.

Credits: 4

GEY 2710 - Geology Modules

Geology Modules offers the study of a variety of topics in geology offered in response to the current interest of students and faculty member. Such topics may include river floodplains and floodplain zoning, ground water resources, survey of mineral resources, geologic map reading, and fossils through time.

Prerequisites & Notes

There is a course fee.

Credits: 1 to 4

GEY 3035 - Aqueous Geochemistry

This course introduces students to the theoretical foundations governing the chemistry of ground and surface waters. Particular attention is given to carbonate and silica equilibria, which are the systems most responsible for the chemical behavior of natural waters. The course includes four hours of lecture per week.

Prerequisites & Notes

The prerequisites are CHE 1031 and GEY 1111. CHE 1032 is strongly recommended. There is a course fee. This course is offered upon student demand.

Credits: 4

GEY 3040 - Mineral Resources

This course explores the mineralogy, geologic setting and development of mineral resources and the environmental effects resulting from resource extraction. Geologic resources of Vermont are emphasized. Field work will be included as topics permit.

Prerequisites & Notes

The prerequisite is GEY 1111. There is a course fee. This course is offered every odd-numbered spring.

Credits: 4

GEY 3110 - Hydrogeology

This course focuses on groundwater hydrology including the hydrologic cycle, porosity and permeability of geologic materials, hydraulic head, flow nets, pump tests, steady and unsteady flow in aquifers, migration of solute fronts and the geology of groundwater occurrence. Other topics include flood control, effects of waste disposal on groundwater quality and factors affecting drinking water supplies.

Prerequisites & Notes

The prerequisite is GEY 1111. There is a course fee. This course is offered every odd-numbered fall.

Credits: 4

GEY 4710 - Geology Modules

This course offers the intensive study of a variety of current topics in geology, offered in response to the current interests of the students and faculty. Examples of topics include paleoclimatology of the last five million years, a survey of our economic mineral resources, and the glacial geology of northern Vermont and adjacent Quebec. Some modules may be taken for major elective credit with written permission. The course requires fifteen lecture/lab hours per credit.

Prerequisites & Notes

The permission of the instructor is required. There is a course fee.

Credits: 1 to 4

GEY 4820 - Geologic Evolution: Grand Canyon to Mt. Whitney -- Seminar

This course examines the stratigraphic, structural and tectonic evolution of the southwestern Cordilleran Province from the Colorado Plateau east of the Grand Canyon to the Sierran Front near Mount Whitney in preparation for expedition GEY 4830. Detailed study of geologic processes, structures and landforms includes construction of geologic cross-sections, map and air photo interpretation and discussion of current literature. This course may be repeated for credit once with permission of the instructor but may be counted only once toward degree program requirements.

Prerequisites & Notes

The prerequisite is GEY 1111. GEY 2112 is recommended. This course is offered every even-numbered fall.

Credits: 2

GEY 4830 - Geologic Evolution: Grand Canyon to Mt. Whitney - Expedition

This course is a detailed field study of the geology of the southwestern Cordilleran Province from the Colorado Plateau east of the Grand Canyon to the Sierran Front near Mount Whitney. A twelve-day trip and 6-8 hours of pre- and post-trip class meetings are required. The course may be repeated for credit once with permission of the instructor but may be counted only once toward degree program requirements.

Prerequisites & Notes

Prerequisites are GEY 4820 and permission. There is a course fee. This course is offered every odd-numbered spring.

Credits: 2

GEY 4840 - Geologic Evolution: Grand Canyon to Mt. Whitney -- Intensive

This course offers intensive study of a portion of the stratigraphic, structural and tectonic evolution of the southwestern Cordilleran Province from the Colorado Plateau east of the Grand Canyon to the Sierran Front near Mount Whitney. Two class hours per week and an 8-day field trip to this area are required. Detailed study of geologic processes, structures and landforms will support the specific area chosen for study. This course may be repeated for credit once with permission of the instructor but may be counted only once toward degree program requirements.

Prerequisites & Notes

The prerequisite is GEY 4830 or permission. This course is offered every even-numbered spring.

Credits: 4

German

GER 1111 - German I

An introduction to the fundamentals of the German language. The instruction focuses on grammar, vocabulary, and basic conversation forms, including elementary reading selections and writing. The course also provides an introduction to the culture of Germany.

Credits: 3

History

HIS 1011 - Western Civilization I

[LGPP5] This course features lectures, readings, and discussions of the Western cultural heritage from the beginnings of civilization to 1715. The instruction includes discussion of the ancient civilizations of the Near East, Classical Greece and Rome, the development of Christianity, the Middle Ages, the Renaissance and Reformation in Europe, and the origins of the modern state system. The course emphasizes developing skills in reading, and understanding history.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

HIS 1020 - Comparative Civilization

[LGCC4] This course provides students with an opportunity to explore the concept of civilization by examining the conditions that lead to the emergence and development of civilization. Emphasis will be placed on the complex social and cultural traits that characterize "civilization," for example: trade, urbanization, social stratification, surplus of food, redistribution of resources, and complex religious belief systems. This course will focus on a comparison of specific examples from different periods and regions of the world.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

HIS 1211 - American History I

[LGPP5] This course offers a study of the foundation of American society, and emphasizes the growth of democracy, sectional interests and conflicts, and the frontier through the Civil War.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

HIS 1212 - American History II

[LGPP5] This course offers a study of the American civilization from reconstruction to the present, and emphasizes industrialization, immigration and imperialism, the two World Wars, the New Deal, and the problems of contemporary America.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every spring.

Credits: 3

HIS 2240 - Survey of Eurasia

[LGPP5] This course is a survey of Eurasian history beginning from the Byzantine Empire through Kievan Russia and other Middle Age principalities to the present. The emphasis is on the periods since the establishment of Muscovite Russia and

Ottoman Empire with such topics as leadership and succession; the role of Orthodox Church and Islam and other eastern religions on the development of the distinctive cultures in the region; outside influences and relationships with neighbors, colonization; efforts of reforms and role of the state in Russian Empire, revolutionary movements, the evolution of social, political and economic institutions. The use of novels, poetry, arts and films will complement historical analysis.

Prerequisites & Notes

This course is offered every even-numbered spring.

Credits: 3

HIS 2710 - Topics in History

This course provides students the opportunity to pursue topics of special interest in history appropriate to the 2000-level that are not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisite is sophomore standing.

Credits: 1 to 3

HIS 2910 - Independent Study in History

This course allows the student to pursue the exploration of a topic of history not offered in the regular curriculum, under the tutelage of a department faculty member. An independent study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 1 to 3

HIS 3056 - Race in America

[LGPP5] This course will use a multi-disciplinary lens to analyze American racial attitudes and beliefs over time. The course will emphasize the historical roots of American racism, and how the racial perceptions of various types of Americans have evolved as material circumstances and ideological traditions changed. Both progressive and regressive racial attitudes will be addressed through readings, lectures, discussion, and guest speakers. Students will explore how racial attitudes have interacted with such different areas of life as culture, politics, work, gender relations, violence, religion and ethnicity to shape profoundly twenty-first century America.

Prerequisites & Notes

This course is offered every even-numbered fall.

Credits: 3

HIS 3155 - Sports in American History

[LGPP5] This course will analyze the evolution of American society from the 1830s to the present through the lens of organized professional and amateur athletics. The course will probe what sports has to teach us about the process of American history in such areas of life as gender, race, ethnicity,

local cultures and mass culture, economics, politics, religion, and regional/national identity. Both the experiences of participation and spectatorship will be addressed.

Prerequisites & Notes

This course is offered every even-numbered spring.

Credits: 3

HIS 3165 - Vermont History

[LGPP5] This course provides a close look at Vermont's historical, social, and economic development, its problems as a republic, the struggle for statehood, and its constitution and government today. The instruction observes Vermont's place in American civilization from its inventive, cultural, educational, literary, and political contributions.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

HIS 3280 - The History of the American Recording Industry

[LGPP5] This course traces the history of the recording industry in America from its origins in the 1890s to the present. It explores the history of both minor and major labels that have produced music in such genres as classical, jazz, blues, gospel, country, rock and rap. It covers the internal politics of record labels, their competition with each other, and their relationship with various levels and branches of government. It also analyzes the evolution of how labels have manufactured, promoted and distributed their product. It further traces how labels have responded to changing technology and changes in the marketplace. Listening to, and analyzing, the music produced by a variety of labels is a major component of this course.

Prerequisites & Notes

The prerequisite is sophomore standing. There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

HIS 3310 - 18th and 19th Centuries Europe

[LGPP5] This course will focus on the growth of royal and republican governments in Europe, the major wars and revolutions, including the Napoleonic era and its impact. It will examine such themes as Enlightenment, Romanticism, the industrial revolution, socialism and Marxism, national unification movements, European expansion, the origins of World War I, and major cultural and intellectual developments. The use of novels, arts and films will complement historical analysis.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every odd-numbered fall.

Credits: 3

HIS 3330 - Europe since 1914

[LGPP5] This course provides students with a comparative survey of major ideological, political, economic, and cultural developments in Europe in the 20th century. This study will examine World War I and the Peace of Versailles, the Bolshevik Revolution and Civil War in Russia, the crisis of the western democracies, totalitarian movements such as Fascism and Nazism, the impact of World War II, the Cold War, postwar reconstruction and economic revival, European socialism and the emergence of a European Community, Eastern European transformation in 1990's, and cultural and social trends, all of which shape a

modern European perspective. Equal emphasis on both Eastern and Western Europe will illuminate broad patterns of change and continuity across the continent. The use of novels, memoirs, and films will complement historical analysis.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every even-numbered fall.

Credits: 3

HIS 3440 - Modern Russia

[LGPP5] This course offers a study of modern and contemporary Russia. This broad survey begins with the rule of Alexander I and the Napoleon invasion and takes up the principal phases of Russian, Soviet and post-Soviet history. The discussion highlights issues of leadership, the role of state and bureaucracy, revolutionary movement, centrifugal forces, the role of religion and the development of economy, political forms, literature and arts. The use of novels, poetry, memoirs, arts and films will complement historical analysis.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every odd-numbered spring.

Credits: 3

HIS 3445 - History of Soviet/Russian Cinema and TV

[LGPP5] This course provides a general chronological and thematic introduction to how Russian, Soviet, and Post-Soviet cinema and TV shaped and responded to wider social and cultural contexts. The films and TV programs are analyzed from the point of view of form, narrative, ideology, history and cultural background. This interdisciplinary course introduces the history and theory of Russian cinema and features a selection of the most influential Russian and Soviet films of the 20th century.

Credits: 3

HIS 3530 - Modern East and Southeast Asia

[LGCC4] This course studies Japan, Korea, China and the countries of Southeast Asia from the second half of the nineteenth century to the present. The course emphasizes the impact of foreign imperialism, independence and reforms after World War II, current economic, political and cultural patterns of these regions and challenges of the future.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every even-numbered fall.

Credits: 3

HIS 3540 - Modern South Asia

[LGCC4] This course features lectures, readings, and discussions on modern India. Emphasis will be placed on the social and political evolution of India from the British Empire to India, Pakistan, and Bangladesh today. Special attention will be given to Gandhi's leadership toward independence in 1947, reforms of Jawaharlal Nehru and Indira Gandhi, the rise of Bharatiya Janata Party, relations of India with its neighbors and its geopolitical role in the contemporary world. The use of memoirs and films will complement historical analysis.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every even-numbered spring.

Credits: 3

HIS 3550 - The Islamic World

[LGCC4] This course is a survey of the heart of the Islamic world and its transformation from the age of Mohammed to modern nation to states. The instruction includes the analysis of traditional society, political, economic, and cultural influence of the West, the rise of nationalism, autocracy in the Arab world, Iran, Turkey, Central Asia, Afghanistan; the Arab to Israeli dilemma; the Islamic revolution and spread of fundamentalism; the Persian Gulf conflict and its consequences; modernization and social change and the region's geopolitical role in the contemporary world.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every odd-numbered fall.

Credits: 3

HIS 4710 - Topics in History

This course provides students the opportunity to pursue topics of special interest in history appropriate to the 3000-level not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisite is junior standing.

Credits: 1 to 3

HIS 4810 - Internship in History

This internship offers practical field work in history arranged in conjunction with the Career Services Office. The student is placed in a work site that provides practical, career-oriented experience under the supervision of an employer and a faculty member who will make on-site visits. The internship emphasizes acquisition of job-related skills and the role of professionals in the discipline. See also the section on Cooperative Education elsewhere in this catalog.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 1 to 6

HIS 4910 - Independent Study in History

This course allows students to pursue an advanced, in-depth study of a topic in history not offered in the regular curriculum, under the tutelage of a department faculty member. An independent-study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 1 to 3

Humanities

HUM 1030 - Representing the World

[LGCC4] This course explores a selection of works of art, literature, philosophy, and history from ancient to modern times in order to investigate how humanity tries to explain and understand the world we inhabit. Like scientific theories, stories and philosophies are essentially ways human beings explain the world and our place in it. Representing the world through literature, philosophy, and history has also been a way for humans to question and to challenge accepted explanations for the way the world works. Students in the course will focus on how the human race needs to explain the world in order to understand it, and how such representations are also often a way to question the accepted explanation of the world.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

Interdisciplinary Seminars

INT 1010 - New Student Seminar

New Student Seminar introduces college level scholarship and the college community. The instruction includes values and goals clarification, time management skills, academic expectations, interpersonal and communication skills, and familiarity with the college's policies, procedures, resources, and services. The course is intended for first-year and transfer students.

Prerequisites & Notes

There is a lab fee.

Credits: 3

INT 1020 - Entering an Academic Community

This course introduces the student to LSC's intellectual and social environment. Instructors use a variety of approaches to strengthen higher level thinking, enhance academic skills, and provide information that leads to success in college.

Prerequisites & Notes

There is a course fee.

Credits: 3

INT 1030 - Experiencing Academic and Cultural Life

This course provides students the opportunity to think deeply about a variety of academic and cultural events. During the semester the students will attend six activities chosen from an approved list. For each activity, the students will write a paper based on their experience and on questions that the instructor has provided. This course is a continuation of the academic/cultural events from INT 1020. The main emphasis of this course is the student's participation in the intellectual and cultural life of the College with the subsequent strengthening of personal life. Repeat once for credit.

Credits: 1

INT 1040 - Introduction to College

The course introduces first year students to the academic skills and campus information useful for success in the face of college level standards, expectations, and life-styles. Close linkage with a core academic course and interactive teaching methods are used to enhance the skills and decision making habits needed for achieving academic success in college.

Prerequisites & Notes

Prerequisites are first year standing and co-enrollment in a Divisional Core course of the GEU. There is a course fee. This course is offered every semester.

Credits: 1

INT 1080 - Gateway to College

This course introduces academically at-risk students to self-assessment techniques, effective study methods, and other skills necessary for college-level academic performance. The course builds a supportive learning community for students using structured workshops during class time and regular individual meetings with the instructor throughout the semester.

Prerequisites & Notes

This course is open only to first-year students. This course is offered every fall.

Credits: 1

INT 1810 - Integrated Research and Writing

This course focuses on information literacy and writing skills. Students will learn how to do library research and integrate that research into a written assignment. Instruction may include how to evaluate sources, develop research strategies, and construct bibliographies and in-text citations using a format such as MLA or APA.

Prerequisites & Notes

This course may be repeated five times for credit. There is a course fee. This course is offered every semester.

Credits: 1

INT 2010 - Jumpstart Your Future

This course is intended to assist students in defining their career/life goals, identifying useful resources, and establishing plans to make their goals realities. The course will instruct students in procedures for both long-term and short-term goal-setting, including planning for their remaining time in college. Instruction will also include values clarification, interest assessments, networking, and presentation skills.

Prerequisites & Notes

This course is offered as second-half mini in the spring.

Credits: 1

INT 2040 - Critical Thinking, Reading, and Writing

This course is designed to enable students to better be able to identify issues or problems, gather information from diverse perspectives about those problems, systematically evaluate that information and its contexts, and synthesize the inferences and evidence methodically into a well-reasoned interpretation. Each section is a topics seminar, in which a topic of interest is used to focus the instruction and practice in critical thinking. Topics are chosen by instructor and will vary by semester.

Prerequisites & Notes

The prerequisite is ENG 1082. This course is offered every semester.

Credits: 3

INT 4010 - Life Beyond the Classroom

This course will facilitate the student's transition from college to the work world. Course content will involve individual goal-setting. The course will cover issues involving the contemporary workplace, organizational culture, and professional communication, as well as the execution of a job search campaign and basic life skills and citizenship responsibilities. Particular attention will be paid to utilizing the skills that employers value: computer literacy, communication skills, adaptability, interpersonal skills, and self-initiated activity. Individual and group projects, research, and portfolios will be required in this class.

Prerequisites & Notes

This course is offered as first-half mini in the spring.

Credits: 1

INT 4020 - Graduate Record Examination Preparation

This course is designed to familiarize students with the components of the Graduate Record Examination (GRE) General Test and to provide strategies for successful completion of each section. The GRE is often required for admission to graduate school and measures verbal reasoning, quantitative reasoning, and critical thinking and analytical writing skills that are not related to any particular field of study. The course does not address GRE Subject Tests.

Prerequisites & Notes

This course is offered in the fall.

Credits: 1.5

INT 4710 - Topics in Interdisciplinary Studies

This course offers topics of special interest not extensively treated in regularly scheduled offerings on an occasional basis.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1 to 3

INT 4720 - Interdisciplinary Seminars

The seminars challenge upperclass students to use the various skills and knowledge gained from their entire set of collegiate experiences. The seminars require the student to perfect and exhibit the characteristics and abilities of an educated individual. These team-taught courses focus on a contemporary interdisciplinary issue rather than a specific disciplinary topic.

Prerequisites & Notes

The prerequisites are junior or senior standing and completion of the GEU.

Credits: 3

INT 4810 - Peer Leader Seminar and Practicum

This course provides students with an opportunity to learn techniques for facilitating and managing small group discussions, mentoring new students, and developing leadership skills. The course also offers opportunities to practice these skills in the college classroom. Enrollment is limited to students who assist instructors in teaching INT 1020, Entering an Academic Community. This course may be repeated once for a maximum of 4 credits total.

Prerequisites & Notes

The prerequisite is instructor permission. This course is offered every fall.

Credits: 1 - 4

Liberal Studies

LIB 4801 - Liberal Studies Internship

This course offers applied practice in a Liberal Studies area in conjunction with the Cooperative Education Office. The student is placed at a work site that provides practical, career-oriented experience under the supervision of an employer and a faculty member who will make on-site visits. The course emphasizes acquisition of job-related skills and the role of the professional in the discipline. See also the section on Cooperative Education elsewhere in this catalog. The course may be repeated for up to 6 credits, 3 credits maximum may count toward program requirements.

Prerequisites & Notes

Permission

Credits: 1 - 3

LIB 4810 - Liberal Studies Thesis

This capstone course integrates the student's understanding of the liberal arts and sciences through advanced readings, group discussions, and individually mentored projects. It culminates with a final project on a topic chosen by the student, requiring substantial interdisciplinary research, writing, and reflection. When possible and reasonable, the research project should link to an internship experience or provide real-world application. Ideally, the topic would be socially relevant or address an issue of regional, national, or global concern.

Prerequisites & Notes

The prerequisite is permission.

Credits: 3

Mathematics

MAT 0010 - Basic Math Review

This course provides an opportunity for students to review basic mathematical concepts and processes. Topics include basic arithmetic: fractions, decimals, percentages, whole numbers, and integers; and the arithmetic operations of addition, subtraction, multiplication, and division. Students must take a math assessment for placement purposes prior to registration. *Credit hours appear for the purpose of scheduling and do not confer credit toward graduation.

Prerequisites & Notes

This course is offered every semester.

Credits: 1 *

MAT 0221 - Basic Algebra

This is a beginning course in algebra. Topics include: algebraic laws, polynomials, exponents, linear equations, and factoring. The course provides a foundation for further study of mathematics as well as for course work in many technical and scientific fields. Recommended prior learning is basic arithmetic skills. Students must take a math assessment for placement purposes prior to registration. *Credit hours appear for the purpose of scheduling and do not confer credit toward graduation.

Prerequisites & Notes

This course is offered every semester.

Credits: 3 *

MAT 1020 - Intermediate Algebra

This course provides a brief review of the fundamentals of algebra, equations and inequalities, exponents and radicals, functions and graphs, systems of equations, and polynomial, rational functions.

Prerequisites & Notes

The prerequisite is math competency. This course is offered every semester.

Credits: 3

MAT 1060 - Problem Solving with Mathematics

This course provides problem solving methods that are needed when addressing questions involving mathematics. Examples incorporate many areas of mathematics, especially geometry, algebra, probability, and statistics. Analysis of data in graphs, charts, and tables is emphasized. Some work is in groups and with available technology. There is a writing component in this course.

Prerequisites & Notes

The prerequisite is math competency. This course is offered every semester.

Credits: 3

MAT 1221 - Finite Mathematics

This course introduces set theory, linear programming, and mathematics of finance. Many topics are discussed in the context of practical business applications.

Prerequisites & Notes

The prerequisite is math competency. This course is offered every semester.

Credits: 3

MAT 1410 - Pre-Calculus

This course extends the concept of functions to composite, inverse, polynomial, rational, exponential and logarithmic functions. Topics include trigonometry, vectors, law of sines and cosines, parametric equations, complex numbers, and systems of equations.

Prerequisites & Notes

The prerequisite is MAT 1020 or permission. This course is offered every semester.

Credits: 5

MAT 1430 - Trigonometry for Calculus

This course explores trigonometric functions using a unit-circle approach with emphasis on concepts and skills needed for calculus.

Prerequisites & Notes

The prerequisite is MAT 1410. This course is offered every semester.

Credits: 1

MAT 1531 - Calculus I

This course introduces the calculus of one real variable: functions, limits, continuity, derivatives, elements of integration, area, numerical methods, and applications.

Prerequisites & Notes

The prerequisite is MAT 1410 or permission. This course is offered every semester.

Credits: 4

MAT 2010 - Number Systems

This course develops around topics such as number theory, historical number systems, informal geometry, Venn diagrams, and the real numbers.

Prerequisites & Notes

The prerequisite is MAT 1060 or permission. This course is offered every semester.

Credits: 3

MAT 2021 - Statistics

This course, designed for non-science majors, introduces such topics as data organization, descriptive measures, probability, sampling distributions of means and proportions, estimation, hypothesis testing, and correlation. The use of SPSS is required.

Prerequisites & Notes

The prerequisite is MAT 1060 or MAT 1020 or MAT 1221. This course is offered every semester.

Credits: 3

MAT 2210 - Sets, Logic, and Proof

This course provides an introduction to the fundamentals of rigorous mathematics. Topics include sets, functions, logic, proofs, Boolean algebra, and graph theory. Emphasis is on precisely written mathematical definitions, theorems, and proofs.

Prerequisites & Notes

The pre-requisite is MAT 1531 or MAT 2021, or permission. This course is offered every odd-numbered fall.

Credits: 3

MAT 2532 - Calculus II

This course is a continuation of MAT 1531. Topics in this course include differentiation and integration of exponential and logarithmic functions, techniques of integration, volume, infinite series, polar coordinates, parametric equations, and applications.

Prerequisites & Notes

The prerequisite is MAT 1531, or permission. This course is offered every semester.

Credits: 4

MAT 2543 - Calculus III

This course introduces the calculus of multivariable functions. The instruction covers such topics as vectors and analytic geometry in three-space, vector-valued functions, differentiation, multiple integrals, numerical methods, and applications.

Prerequisites & Notes

The prerequisite is MAT 2532 or permission. This course is offered every semester.

Credits: 4

MAT 2544 - Vector Calculus

This course reviews vectors, vector-valued functions, their limits, derivatives and integrals. Other topics include vector fields with divergence and curl and line integrals. The instruction discusses the Theorems of Green, Gauss and Stokes, and how these topics have applications to the sciences.

Prerequisites & Notes

The co-requisite is MAT 2543 or permission. This courses is offered every semester as a second-half mini.

Credits: 1

MAT 2820 - Mathematics Tutoring Practicum

In this course, students will be assigned a class for which they will become the attached tutor. Working closely with the faculty member, students will learn both traditional and modern tutoring methods and techniques. Students will attend the class and provide 3 hours of tutoring sessions per week outside of class. Successful completion designates the tutor as an Approved Lyndon Math Tutor and satisfies the experiential component of the Mathematics degree program.

Prerequisites & Notes

This course may be repeated for credit with a different attached course. The prerequisite is permission. This course is offered every semester.

Credits: 2

MAT 3010 - History of Mathematics

[LGPP5] This course surveys the development of mathematical thought from ancient times to the present, and considers its place in political, social, and intellectual history. Assignments explore historical methods of solution, famous mathematical questions,

the work of individual mathematicians, and the rise of various branches of mathematics.

Prerequisites & Notes

The prerequisites are MAT 2210 and MAT 1531, or permission. This course is offered every odd-numbered spring.

Credits: 3

MAT 3025 - Math in Elementary School

This course investigates topics taught in the elementary school curriculum in greater depth than is possible in general survey courses. Instruction will concentrate on number theory, geometry, probability, and statistics.

Prerequisites & Notes

The prerequisite is MAT 2010, or permission. This course is offered every spring.

Credits: 3

MAT 3130 - Statistical Theory and Applications

This course introduces statistics including both theory and applications. The instruction includes such topics as descriptive measures, probability, probability distributions, sampling distributions, estimation, hypothesis testing, and correlation. The use of SPSS is required.

Prerequisites & Notes

The prerequisite is MAT 1531. This course is offered every even-numbered spring.

Credits: 3

MAT 3210 - Linear Algebra

This course introduces linear algebra. The instruction includes such topics as systems of linear equations, matrix algebra, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and applications.

Prerequisites & Notes

The prerequisite is MAT 1531 or MAT 2210, or permission. This course is offered every spring.

Credits: 3

MAT 3310 - Introduction to Differential Equations

This course acquaints students with such topics as the theory and solution methods of first-order ordinary differential equations, linear differential equations, first-order linear systems, qualitative behavior of solutions, Laplace transforms, existence and uniqueness of solutions, and applications. Includes extensive use of technology.

Prerequisites & Notes

The prerequisite is MAT 2532. This course is offered every fall.

Credits: 3

MAT 3730 - Topics in Differential Equations

This course examines subjects chosen from such topics as series solutions, boundary value problems, numerical methods, nonlinear differential equations, stability, difference equations, Fourier series, partial differential equations, and delay-differential equations.

Prerequisites & Notes

The prerequisites are MAT 3210 and MAT 3310. This course is offered every even-numbered spring. May be repeated once for credit with the instructor's permission.

Credits: 3

MAT 3810 - Cooperative Field Work

This field experience is selected according to each student's interest or career plan. The placement will involve the student in applying the mathematics learned in the classroom or in learning mathematics in the context of the workplace. See also the section on Cooperative Education elsewhere in this catalog.

Prerequisites & Notes

The prerequisite is permission.

Credits: 3 to 12

MAT 4040 - Complex Analysis

This course introduces the calculus of one complex variable, and reviews the properties and representations of complex numbers. The course investigates the functions of a complex variable, including limits, continuity and derivatives, the Cauchy- Riemann equations, analytic and harmonic functions, exponential, logarithmic and trigonometric functions of a complex variable, integration of complex functions, line integrals, and Cauchy's Theorem. Other topics include series and the calculus of residues with applications.

Prerequisites & Notes

The prerequisite is MAT 2543, or permission. This course is offered every odd-numbered spring.

Credits: 3

MAT 4060 - Real Analysis

This course introduces the rigorous treatment of analysis. The course investigates properties of functions of one variable: limits, continuity, sequences, series, differentiability, and the Riemann Integral.

Prerequisites & Notes

The prerequisites are MAT 2543 and MAT 2210, or permission. This course is offered every even-numbered fall.

Credits: 3

MAT 4120 - Numerical Analysis

This course covers numerical computation techniques for solving non-linear and transcendental equations including Newton's method, bisection method, and secant method. Other topics include numerical solutions to polynomials, including synthetic division, numerical interpolation, approximation, integration, and numerical solutions to ordinary differential equations.

Prerequisites & Notes

The prerequisites are CIS 2060 or other programming language, MAT3210, and MAT3310, or permission. This course is offered

every odd-numbered fall.

Credits: 3

MAT 4130 - Abstract Algebra

This course, serving as an introduction to the theory of the algebraic structure of groups, rings, and fields, examines such topics as subgroups, quotient groups, homomorphisms, isomorphisms, ideals, and integral domains.

Prerequisites & Notes

The prerequisites are MAT 2210 and MAT 3210, or permission. This course is offered every even-numbered spring.

Credits: 3

MAT 4140 - Geometry

In this course, an in-depth treatment of Euclidean geometry and its axiom system, rigorous reasoning is emphasized. The instruction covers the history and development of the non-Euclidean geometries.

Prerequisites & Notes

The prerequisite is MAT 2210, or permission. This course is offered every even-numbered fall.

Credits: 3

MAT 4710 - Special Studies in Math

This course is available to advanced students on an individual basis. Each student plans a program in consultation with a faculty member in the department. The course may be repeated for additional credit if new work is undertaken.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1 to 3

MAT 4990 - Senior Seminar

This course consists of the completion of the required senior seminar, which will be reviewed by a faculty panel. Students will perform original research and/or review and summarize an article from a mathematical journal. The work will be presented to students and faculty. Emphasis is on developing the skill to perform research and present a nonstandard topic both orally and in writing.

Prerequisites & Notes

The prerequisite is senior standing. This course is offered every spring.

Credits: 1

Mountain Recreation Management

MRM 1010 - Leisure and Tourism in Society

[LGGE6] This course presents an overview of global historical and philosophical foundations of leisure, recreation, and tourism. Topics include public and private leisure and tourism service delivery systems. It provides a conceptual basis for the evolution of leisure, tourism, and work in relation to social, economic, and environmental factors in the context of mountain and community-based recreation, tourism, and hospitality. Career paths in leisure-related services are examined, along with trends and issues facing the profession.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

MRM 1020 - Problem Solving Techniques

This practical course involves the use, examination, and adaptability of available software for problem solving, simulation modeling and gaming, and GIS mapping techniques. The instruction pays particular attention to specialized programs for the recreation industry in the areas of carrying capacity, facilities maintenance, resource valuation, planning, and assessment.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 3

MRM 1080 - Leadership and Small Group Dynamics

[LGSS1] This course introduces the principles and practices of small group dynamics, including theories of leadership, leadership models, ethics, problem solving, and the effective improvement of the productivity of a small group. The instruction emphasizes organizational skills, initiative problems, and processing group conflict. Applied projects are required.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

MRM 1110 - Adventure Programming I

This course introduces the foundations, models, and theories of adventure programming. Classroom experiences emphasize the learning of historical, social psychological, educational, and management aspects of adventure programming. Students are introduced to a wide variety of adventure-based activities through skills clinics and hands-on experience.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MRM 1121 - Fundamentals of Rock Climbing

This course introduces basic rock climbing skills through approximately 5-6 days of outdoor rock climbing instruction. This class is designed for students with little or no experiences as an introduction to the sport, but is suitable for students with climbing experience. Students learn the essential skills of rock climbing, including basic knots and belaying, as well as anchor systems, with emphasis on safety and the development of fundamental skills involved with climbing.

Prerequisites & Notes

There is a course fee. This course is offered every fall and summer.

Credits: 2

MRM 1122 - Fundamentals of Mountain Biking

This course introduces basic mountain biking skills through several days of riding and instruction. This class is designed for students with little or no experience as an introduction to the sport, but is also suitable for more experienced riders. Students need their own bike or be able to rent.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 1

MRM 1123 - Fundamentals of Canoeing

This course introduces basic canoeing skills through approximately 3 days of canoeing on local bodies of water. This class is designed for students with little or no experience as an introduction to the sport, emphasizing safety and the development of fundamental skills involved with canoeing.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 1

MRM 1124 - Ropes Course Facilitation

This course explores the workings of small groups through discussion of individual and group development, and adventure education process models, and facilitation skills. This course aids students in transitioning from being participants in small group dynamic programs to designing, implementing, and debriefing adventure education programs.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 2

MRM 1125 - Fundamentals of Kayaking

This course is an introductory program emphasizing safety, enjoyment, and skill acquisition for entry level individuals. This may result in up to level 2 ACA certification.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 1

MRM 1126 - Fundamentals of Ice Climbing

This course introduces students to basic ice climbing skills and techniques through approximately 3 days of outdoor ice climbing. This class is designed for students with little or no experience as an introduction to the sport.

Prerequisites & Notes

The prerequisite is MRM 1121 or permission. There is a course fee. This course is offered every spring.

Credits: 1

MRM 1127 - Fundamentals of Alpine Climbing

This course introduces the fundamental skills for safe travel in the mountains in a harsh environment. Topics may include building snow shelters, safe travel with crampons and ice axe, and practicing the basics of being part of a rope team in alpine terrain.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 1

MRM 1128 - Level I Avalanche

This course focuses on recognition of avalanche terrain, planning and preparation for travel in avalanche terrain, applying the decision making framework, and learning effective companion rescue techniques. Students successfully completing the course earn American Institute for Avalanche Research and Education (AIARE) Level I certification.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 1

MRM 1132 - Outdoor Adventure Skills

This course practices more advanced outdoor adventure skills, including such seasonal activities as whitewater canoeing, intermediate rock climbing, winter mountaineering, ice climbing, ropes course, and top rope climbing site management.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 1 to 2

MRM 1140 - Introduction to Mountain Resort Management

Introduction to Mountain Resort Management offers an overview of the specific mountain and management operations of mountain resorts and the interrelation of the resort and tourist industries. The instruction focuses on an analysis of the physical, financial, and human variables attendant to the tourist industry and the operation of a destination resort.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

MRM 1210 - Backcountry Gourmet

This course provides instruction in backcountry cooking, nutrition, and stove repair. Students help plan and prepare a variety of meals on camp stoves and learn advanced meal preparation as well as baking in the backcountry.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 2

MRM 1310 - Outdoor Adventure Skills

This course studies specific outdoor adventure skills. The course includes seasonal activities such as flatwater canoeing, beginning rock climbing, orienteering, and snowshoeing.

Prerequisites & Notes

There is a course fee. This course is offered every fall, and may be repeated for credit.

Credits: 1

MRM 1410 - Introduction to Natural Resource GIS Mapping and Planning

This course is designed to introduce students to the fundamentals of GIS/GPS technology as they relate to natural resource planning. Basic introductory concepts of GIS/GPS operations, data processing, digitizing, data formats, projections and datum, remote sensory, and spatial accuracy are introduced as they apply to such natural resource applications as vegetation mapping, accuracy assessment, corridors and buffers of natural and man made features, and the role that mapping plays in developing management planning and policy.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MRM 1810 - Outdoor Education Practicum

This course is a 3 to 5 day, overnight, backcountry travel trip that focuses on either backpacking and/or canoeing mode of travel. The curriculum consists of trip planning, risk management, leadership, teaching & instructional strategies, and integrates Leave No Trace principles. The pre-trip classroom instruction sessions occur during the second half of the spring semester. The actual field trip is scheduled just after the conclusion of the spring semester. See each section for trip dates.

Prerequisites & Notes

There is a course fee. This course is offered every spring as a second-half mini.

Credits: 3

MRM 2040 - Adventure Programming Leadership Skills

This course provides students who are concentrating in adventure-based program management an opportunity to participate in a variety of hands-on field experiences to begin developing skills necessary for effective outdoor leadership. This course provides instruction and practice in a variety of skills that include but are not limited to technical, safety, environmental, leadership, and facilitation skills. MRM 2850 is offered every fall; MRM 2040 is a spring semester option that focuses on selected outdoor leadership skills in winter settings.

Prerequisites & Notes

The prerequisites are sophomore standing and permission. There is a course fee. This course is offered every semester.

Credits: 4

MRM 2050 - Outdoor Emergency Care

This course provides students with hands-on, competency-based training that prepares candidate ski patrollers and other outdoor rescuers to manage the emergency care problems encountered in the backcountry and other outdoor settings. The knowledge and skills learned place special emphasis on ski and snowboard injuries, high-altitude and cold-weather illness, wilderness extrications, and the special equipment needed for emergency care and transportation in the outdoor environment. Students are required to take a final written exam and demonstrate their skills and knowledge in exam scenarios. Successful completion of this course leads to an NSP Certificate of Achievement and an OEC card (valid for three years).

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MRM 2060 - Wilderness First Responder

This course integrates wilderness and medical training that leads to certification in Wilderness First Responder (WFR). The course content meets the Department of Transportation National Standards for First Responder with additional protocols for extended care situations.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MRM 2121 - Advanced Single Pitch Rock Climbing

This course is designed for students who are seeking to become competent mountain professionals and/or skilled climbing enthusiasts. Through approximately 8-9 days of rock climbing and technical skills work students learn systems of protection, building anchors, lead climbing, and progress towards becoming a climbing instructor. At the end of this course, motivated students should be able to safely climb in a variety of settings and be prepared to take the American Mountain Guides Association (AMGA) Single Pitch Instructor (SPI) exam.

Prerequisites & Notes

The prerequisite is MRM 1121 or permission. There is a course fee. This course is offered every fall and summer.

Credits: 3

MRM 2122 - Advanced Mountain Biking

This course teaches advanced cross country and downhill mountain bike riding and repair skills through several days of riding and bike repair work at Kingdom Trails and Burke Bike Park. Students need their own bike or be willing to rent.

Prerequisites & Notes

The prerequisite is MRM 1122 or permission. There is a course fee. This course is offered every fall.

Credits: 2

MRM 2123 - Advanced Canoeing

This course provides an introduction to advanced canoe skills. Topics include paddling rivers, catching large eddies, performing simple peel outs and ferries, recognizing and avoiding hazards, performing rescues, responding to emergencies on moving water, navigating rivers, and instructing basic canoe skills. This course may result in up to a level 3 ACA certification.

Prerequisites & Notes

The prerequisite is MRM 1123 or permission. There is a course fee. This course is offered every even-numbered spring.

Credits: 2

MRM 2124 - Advanced Ropes Course Facilitation

This course exposes students to a variety of low and high ropes course elements and their professional operation, providing real-time program planning and implementation with are groups and/or class programs.

Prerequisites & Notes

The prerequisite is MRM 1124. There is a course fee. This course is offered every fall.

Credits: 2

MRM 2125 - Advanced Kayaking

This course introduces paddlers to safe and enjoyable kayaking on calm rivers and moderate whitewater. Students will acquire intermediate level skills with a focus on learning to instruct in public, private, and commercial settings. Students may earn up to level 3 American Canoe Association (ACA) kayak certification.

Prerequisites & Notes

The prerequisite is MRM 1125 or permission. There is a course fee. This course is offered every odd-numbered spring.

Credits: 2

MRM 2126 - Advanced Ice Climbing

This course introduces students to climbing steep ice and mixed rock/ice terrain, and provides instruction to the safety systems involved ice climbing and strategies to teach ice climbing. Students may participate in multipitch ice climbing experiences and/or learn lead climbing.

Prerequisites & Notes

The prerequisite is MRM 1126. There is a course fee. This course is offered every spring.

Credits: 2

MRM 2127 - Advanced Alpine Climbing

This course builds on existing skills in traveling over rock, snow, and ice, and introduces climbers to techniques essential to traveling and living in more technical and challenging mountain terrain.

Prerequisites & Notes

The prerequisite is MRM 1127. There is a course fee. This course is offered every spring.

Credits: 2

MRM 2128 - Level 2 Avalanche

This course addresses advanced knowledge and decision-making skills. Topics include advanced understanding of avalanche terrain, stability analysis, snowpack development, and forecasting frameworks, and instruction in advanced companion rescue skills including multiple and deep burials. Successful completion of this course results in the American Institute for Avalanche Research and Education (AIARE) Level 2 certification.

Prerequisites & Notes

The prerequisite is MRM 1128. There is a course fee. This course is offered every spring.

Credits: 2

MRM 2130 - Wilderness Mind

[LGNR7] This course explores the interface between wilderness and the self from historical, cultural, psychological, and personal perspectives, aimed toward the student's development of her or his own wilderness ethic. The course examines historical American perspectives on wilderness and assesses how our relationship with wilderness has changed over time. These perspectives are then compared and contrasted with views presented by other cultures. These explorations will be advanced through the use of lecture, dialogue, and experiential learning. Throughout the course, the student will be challenged to examine her or his own views on the meaning, purpose, and value of wilderness and to develop a set of personal ethics and practices that correspond with those views. This course includes a two day *Leave No Trace* trainer course leading to certification with the Leave No Trace Center for Outdoor Ethics.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MRM 2150 - Backcountry Skiing and Riding

This course introduces the advanced skier or rider to the necessary skills to minimize risk and maximize enjoyment in backcountry ski terrain. Students may be exposed to a variety of terrain from remote glades to steep chutes, depending upon conditions. Proper equipment for uphill travel or willingness to rent is required.

Prerequisites & Notes

Permission is required. There is a course fee. This course is offered every spring.

Credits: 2

MRM 2210 - Lift Functions and Maintenance

This course provides students with the basic knowledge about passenger ropeway systems and how they operate, including such components as tensioning, mechanical, electrical, hydraulic and braking systems, and their required maintenance. Workplace skills and required safety equipment, risk-management procedures, and ANSI-regulations are reviewed and demonstrated.

Prerequisites & Notes

Upon completion of the course, students may test out of the Level I Vermont State Lift Apprentice program. There is a course fee. This course is offered every fall.

Credits: 3

MRM 2230 - Mountain Resort Software Technologies

This course introduces students to software technology exclusive to the resort industry through lectures focusing on the foundations of the software design as well as the considerations of a needs assessment for the resort industry. Students will explore reservations, ticketing, and point of sale systems, including the use of virtual software tours and scenarios through off-line tutorial programs supported by industry leaders in resort technologies.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MRM 2240 - Backcountry Leadership

This course provides experience leading a group in the wilderness allowing opportunities for feedback and practice leading others. This class aids students in transitioning from being participants in programs to designing, implementing, leading, and evaluating adventure education programs.

Prerequisites & Notes

The prerequisite is MRM 1110. The co-requisite is MRM 2850. There is a course fee. This course is offered every fall.

Credits: 3

MRM 2720 - Management Intern Seminar

This seminar focuses on personal skill assessment, resume preparation and interview skills, site identification, development of learning objectives, special intern projects, and contract/agreement negotiations for the management internship. Students should enroll in the seminar during their second year in order to have a resume in place for an internship. This course is a prerequisite for Management Internship (MRM 4820).

Credits: 1

MRM 2830 - Applied Field Techniques in Recreation Resource Mapping

This is an experiential course for students interested in applying field techniques for GPS and GIS mapping. Field projects include lab and additional classroom time to cover spatial data processing techniques as well as the fundamentals of spatial data projects. Additional areas of study will include introduction to Surveying/CAD or CAD-like software. Students have an opportunity in this course to apply classroom theory and hands on technological applications while under the supervision of trained professionals.

Prerequisites & Notes

The prerequisites are sophomore standing and permission. There is a course fee. This course is offered every fall.

Credits: 4

MRM 2841 - Mountain Resort Management Practicum I

This course allows students concentrating in mountain resort management an opportunity to engage in hands-on learning at various mountain resorts while participating in fall mountain operations and to meet managers and supervisors to discuss resort trends and issues.

Prerequisites & Notes

The prerequisites are sophomore standing and permission. There is a course fee. This course is offered every fall.

Credits: 4

MRM 2842 - Mountain Resort Management Practicum II

This course is an experiential course which includes rotation to several resorts through a variety of operations such as lift and skier services, snowmaking, ski patrol, sales and marketing, rentals, and shadowing of mountain managers. Students engage in on-mountain problem solving exercises.

Prerequisites & Notes

The prerequisites are MRM 2841 and permission. There is a course fee. This course is offered every spring.

Credits: 4

MRM 2850 - Adventure Programming II

This course provides students who are concentrating in Adventure Leadership an opportunity to participate in a variety of hands-on field experiences to begin developing skills necessary for effective outdoor leadership. This course provides instruction and practice in a variety of skills that include but are not limited to technical, safety, environmental, leadership, and facilitation skills.

Prerequisites & Notes

The prerequisites are sophomore standing and permission. There is a course fee. This course is offered every fall.

Credits: 4

MRM 2852 - Snow Maintenance

This course provides an overview of the technical aspects of snow production and maintenance. The unique properties of both natural and artificial snow will be examined. Students will visit various mountain resorts, meet with industry professionals, and learn about water resource management, off-season terrain preparation, and snow making equipment care and maintenance.

Prerequisites & Notes

The prerequisites are sophomore standing and MRM 1140. There is a course fee. This course is offered every fall.

Credits: 3

MRM 2855 - Summer Mountain Operations

This course examines the evolution of mountain resorts and their transition into year-round destinations for outdoor recreation. Students gain hands-on experience in summer mountain operations such as canopy tours, adventure parks and downhill mountain biking. In meetings and interviews with industry professionals, students learn about summer operation management trends and issues.

Prerequisites & Notes

The prerequisites are sophomore standing and MRM 1140. There is a course fee. This course is offered every spring.

Credits: 3

MRM 2900 - Outdoor Expedition

This course provides students with an opportunity to help plan and participate in extended wilderness trips and expeditions, or any activity-oriented program in ski resort or outdoor recreation settings. This course may be repeated for credit, but only 4 credits may count toward program requirements.

Prerequisites & Notes

Instructor permission required. There is a course fee. This course is offered every semester.

Credits: 1 to 4

MRM 3020 - Program and Event Planning

This course covers the principles for administering recreation programs and special events in public, private or commercial settings, including fiscal administration and budgeting, organization, leadership, and program evaluation. The course includes opportunities for practical applications.

Prerequisites & Notes

The prerequisite is MRM 1080, or permission. This course is offered every fall.

Credits: 3

MRM 3050 - Resort Law and Risk Management

This course is designed to introduce students to legal liability and the law, as well as the concepts, practices, and tools of risk management in mountain recreation management settings. The curriculum focuses on legal terms and concepts, hazard identification, risk analysis, incident investigation, developing a risk management plan, and loss prevention in agency contexts.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course is offered every spring.

Credits: 3

MRM 3060 - Risk Management in Adventure Programming

This course examines principles and practices of safety and risk management in adventure program settings. The instruction explores such topics as general program safety concepts, program ethics, staff training and development, legal liability, safety skills, and risk management plans.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course is offered every fall.

Credits: 3

MRM 3070 - Leave No Trace Master Educator

This 5-day course provides participants with a comprehensive overview of Leave No Trace skills and ethics through practical application in a field-based setting. The first day is spent in a classroom, introducing the course and schedule, providing in-depth

information on the overall Leave No Trace program and the Center for Outdoor Ethics, reviewing gear, and packing. The field course includes 4 field days and 3 overnights in a backcountry/wilderness setting offering students the opportunity to practice teaching the LNT curriculum. Successful participation and demonstration of desired competence may result in the nationally recognized LNT Master Educator certification.

Prerequisites & Notes

The prerequisite is permission. There is a course fee. This course is offered every summer.

Credits: 3

MRM 3110 - Public Relations

The course focuses on public relationships between an organization and its stakeholders and the theory and practice of PR. The instruction teaches the development of PR, and offers practical tools for relating to the media, gaining publicity, and dealing with crises.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

MRM 3121 - Advanced Rock Climbing and Rescue

This course is designed for students who are seeking to become proficient mountain professionals and/or skilled climbing enthusiasts. Students will learn about advanced rock climbing systems through approximately 8-9 days instruction in a variety of contexts. Students transition towards becoming climbing instructors as well as mastering the technical skills of multipitch climbing systems and self-rescue in a variety of settings.

Prerequisites & Notes

The prerequisite is MRM 2121 or permission. There is a course fee. This course is offered every spring.

Credits: 3

MRM 3810 - Co-op in Recreation

A cooperative education experience in natural resource GIS mapping and planning, ski resort or adventure-based program management in a field placement within a recreation-related agency which provides entry-level, practical applications of academic theories and principles. The placement must be approved by a recreation advisor before the closing date of the semester for adding a course, and involves developing a learning contract between a site supervisor, student, and faculty advisor. See also the section on cooperative education elsewhere in this catalog. Elective credit for the co-op is based on a formula of fifty work hours per credit. This course is open to recreation majors only.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 1 to 6

MRM 4020 - Management in Mountain Recreation Services

This project-based course examines management in mountain recreation services, principles, and practices with the intent of enhancing community well-being and promoting economic sustainability. The instruction examines managerial leadership, budget practices, community relations, and area and facility maintenance.

Prerequisites & Notes

Mountain Recreation majors only. The prerequisite is junior standing or permission. This course is offered every semester.

Credits: 3

MRM 4710 - Special Topics in Recreation Industry

This course covers a specific topic in recreation management, community services and resource development. The instruction emphasizes advanced study of a single topic. Course requirements include advanced research and presentation. Each concentration contributes courses under this heading.

Prerequisites & Notes

Students may repeat this course several times under separate sections.

Credits: 3

MRM 4740 - Research and Evaluation Capstone

This course requires students to identify, design, and implement an evaluative research study resulting in a capstone research paper. Topics include an overview of the principles and applications of evaluative research design, literature reviews, questionnaire construction, data collection, data analysis, reporting results, and presenting and defending findings. Laboratory sessions provide students with data analysis practice using new and existing data sets.

Prerequisites & Notes

The prerequisite is junior standing. MAT 2021 is strongly recommended. There is a course fee. This course is offered every semester.

Credits: 4

MRM 4750 - Leadership Portfolio

This course requires the recording of leadership experience throughout a student's time at Lyndon and helps him or her demonstrate the required number of leadership days has been completed. The concept of 'leadership days' will be introduced in previous courses and serves as a platform for completing an essential program requirement documenting experience.

Credits: 2

MRM 4820 - Management Internship

The management internship provides a full-time placement of a senior recreation resource and ski resort management major at an approved site for the purpose of developing and fulfilling career goals under the supervision of a qualified professional.

Prerequisites & Notes

The prerequisites are MRM 2720 and permission. This course is offered every semester.

Credits: 9 to 15

Music**MUS 1030 - Music Fundamentals**

[LGAD3] This course introduces the basics of music theory for students with varying degrees of musical backgrounds. The course begins with the development of music reading and aural perception skills and leads toward the understanding and analysis of the relationships of the musical parameters within various styles of music.

Prerequisites & Notes

This course (not credits) may be waived through placement testing. Students may enter MUS 1231 or MUS 2430 as a result of placement. The credits must be replaced in the MBI major with a suitable course decided upon in consultation with the student's academic advisor.

Credits: 3

MUS 1041 - Class Piano I

[LGAD3] This course introduces the beginning student to the piano as a medium for performing and accompanying music. In addition to developing a proficiency on the instrument, the instruction introduces the student to a variety of different styles of music which may include folk, classical, jazz, and popular music for piano. The basics of music theory and musicianship are also covered. Daily practice is expected.

Prerequisites & Notes

This course is offered every semester. There is a course fee.

Credits: 3

MUS 1042 - Class Piano II

[LGAD3] This course continues piano instruction begun in MUS 1041 Class Piano I. It can also serve as a vehicle to enable intermediate-level piano students to carry on their course of study begun before entering Lyndon State College. In addition to continuing to develop proficiency on the keyboard, students will be exposed to music of many styles including classical, popular and jazz; and, students will learn more advanced theoretical and practical aspects of music and musicianship. Daily practice is expected.

Prerequisites & Notes

The prerequisite is MUS 1041 or permission, which may include a placement audition. There is a course fee.

Credits: 3

MUS 1175 - History of Western Music: A Survey

This course provides an overview of Western European musical tradition from early times to the present, with an introduction to major composers, stylistic periods, and representative works. Music will be discussed through various historical perspectives providing students with a basic understanding of music's place in and influence on the flow of history. Upon completion of this course, students will have gained the ability to define and describe terms, elements, and characteristics of music.

Prerequisites & Notes

There may be a course fee. This course is offered every fall.

Credits: 3

MUS 1231 - Music Theory I

[LGAD3] This course is designed for students who already have a grasp of music fundamentals, and as such includes the study and practice of scales, intervals, chords, chordal analysis, four-part harmony and voice leading. Instruction will include the study

of software programs such as Sibelius and Finale and students will be required to purchase a controller that will interface with these programs.

Prerequisites & Notes

The prerequisite is MUS 1030 or placement by testing. There is a course fee. This course is offered every spring.

This course (not credits) may be waived through placement testing. Students may enter MUS 2430 as a result of placement. The credits must be replaced in the MBI major with a suitable course decided upon in consultation with the student's academic advisor.

Credits: 3

MUS 1730 - Special Performance

This course is designed for the student engaged in musical activities not otherwise sponsored by the Music Department. Students are required to take part in public solo and/or ensemble performances, log rehearsal hours, participate as audience, and write critical responses to peer performances.

Prerequisites & Notes

This course is offered every semester.

Credits: 1

MUS 2070 - Basic Songwriting

[LGAD3] This course in musical composition is designed to allow any student a chance to explore creativity through the medium of music. Students will experiment with various music forms associated with folk, rock, and/or pop musical genres. Study will include issues relating to intellectual property.

Prerequisites & Notes

The prerequisite is MUS 1030 or permission. There is a course fee. This course is offered every spring.

Credits: 3

MUS 2160 - Introduction to Technology in Music

This course introduces students to new music technologies by surveying software applications for music composition, orchestration, and recording. Topics may include music synthesis, MIDI and USB applications, sequencing, editing and synthesis through hands-on experience. Basic music literacy is expected.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MUS 2190 - Electronic Music Composition

This course introduces students to sound as a compositional medium. Students will explore digitally sampled sounds and will learn to construct pitch envelopes using ADSR (attack, decay, sustain, release) techniques that can be applied to either digital or analogue platforms. Although the course will include some mathematical applications, the focus of the course will be on compositional aspects of electronic music.

Prerequisites & Notes

The prerequisites are math competency, MUS 1231, and MUS 2160, or permission. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

MUS 2220 - Music Ensembles

This course offers performance experience for students in either choral or instrumental settings.

Prerequisites & Notes

It may be repeated for credit. Depending upon the ensemble, there may be a course fee.

Credits: 1

MUS 2280 - Drumming Across Cultures

[LGCC4] This course introduces students to diverse musical traditions from a wide range of geographical areas across the globe. Students study various aspects of World Music in terms of structure, performance practice, social use, aesthetics, and cross-cultural contact through the lens of the percussion ensemble. Instruction focuses primarily on musics transmitted through oral/aural traditions allowing students to gain experience without the need to understanding written music. While the framework of the course is a musical one, cultural perspectives are also stressed, giving students a deeper understanding of context and meaning across cultures.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

MUS 2340 - Class Instruction in Voice

[LGAD3] This course introduces the beginning student to the voice as a medium for performing music. In addition to developing a proficiency as a singer, the instruction introduces the student to a large body of folk, classical, jazz, and popular music for the voice and teaches fundamental theoretical and practical aspects of music and musicianship. Daily practice is expected.

Prerequisites & Notes

There may be a course fee. This course is offered every even-numbered spring.

Credits: 3

MUS 2341 - Class Guitar I

[LGAD3] This course introduces the beginning student to the guitar as a medium for performing and accompanying music. In addition to developing proficiency on the instrument, the instruction introduces the student to a large body of music that may include classical, folk, jazz and other cultural styles. The student will also learn fundamental and practical aspects of music and musicianship as a result of the instruction. Daily practice is expected. Students must be willing to provide a suitable guitar for class use. The instructor will have final say as to its appropriateness for this course.

Prerequisites & Notes

This course is offered every semester. There is a course fee.

Credits: 3

MUS 2342 - Guitar II

This course allows students to build on elementary skills and to explore a variety of guitar styles. It includes further development of individual techniques and continued study of musical notation, history, and theory. Access to a guitar is required.

Prerequisites & Notes

The prerequisite is MUS 2341 or permission by audition. There is a course fee. This course is offered every spring.

Credits: 3

MUS 2410 - Collaborative Creativity in Music

This course offers the Music Business and Industry major an opportunity to exchange ideas in a collaborative environment with other students who are also pursuing a Music Business and Industry degree. Because the MBI program includes students who come to LSC with a wide variety of interests, backgrounds, experiences and skill-sets, this collaborative environment offers students an opportunity to learn from each other as they gain individualized knowledge and expertise in the field. This course is open to Music Business and Industry majors only.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. The course is offered every spring.

Credits: 1

MUS 2430 - Advanced Music Theory & Ear Training

This course continues the study of music theory begun in MUS 1231. The course will continue to examine the harmonic, rhythmic, and formal organization of music and will include rhythmic and melodic dictation, the use of secondary dominants, and structural analysis of various music forms. In addition, students will be expected to assimilate the concepts associated with developing aural skills in response to elements of music theory and to finished musical compositions. Study includes traditional methods of sight-singing and ear-training as well as more contemporary concerns associated with modern musical forms and styles.

Prerequisites & Notes

The prerequisite is MUS 1231. There is a course fee. This course is offered every even-numbered fall.

Credits: 3

MUS 2710 - Special Topics in Music

This course offers topics of special interest in a variety of areas that are not treated in the regular curriculum. The course may be repeated once.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee.

Credits: 1 to 3

MUS 2910 - Independent Study in Music

This course gives the student an opportunity to work on a special area of interest that is not possible through the standard curriculum.

Prerequisites & Notes

The prerequisite is permission. The Independent Study contract must be approved, signed and submitted before the current semester's registration period closes.

Credits: 1 to 3

MUS 3045 - Jazz in Theory and Practice

This course builds from the foundation of traditional music theory but will focus on advanced aspects of theory unique to the jazz idiom. Emphasis is on the use of standard notation combined with chord symbols in a 'lead sheet' format. Composition and analysis are core ingredients of the course.

Prerequisites & Notes

The prerequisite is MUS 1231, or permission. There is a course fee. This course is offered every odd-numbered fall.

Credits: 3

MUS 3055 - Rock and Roll: Form and Style

This course will address the evolution of Rock & Roll as a moving force in 20th Century world music. Students will study the cultural roots of Rock & Roll as well as the historical forces that helped to shape the varied forms and styles in Rock music. In addition, students will have the opportunity to sample selected works within the genre as they recreate music representative of various stylistic decades beginning with primitive 12-bar Blues to Rock of the 1950s, '60s, '70s and into current trends. The course will consist of three credits of lecture plus a one credit lab to give students an opportunity to experience both the theory and practice associated with musical forms and styles in Rock & Roll.

Prerequisites & Notes

The prerequisite is MUS 1030, or permission. The course is offered every fall.

Credits: 4

MUS 3330 - Worlds of Music

[LGCC4] This course presents an overview of musical traditions found in various non-Western cultures including areas of India, the Middle East, China, Japan, Indonesia, Africa, Native American, Latin American, and cultural/folk music from Europe and North America. In addition, the course will help students understand music as a vital creative force that represents and expresses each culture's unique views, values and history.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course is offered every even-numbered spring. There may be a course fee.

Credits: 3

MUS 3342 - Advanced Guitar

This course continues to build upon skills gained in MUS 2342 with an emphasis on virtuosity. Access to a guitar is required.

Prerequisites & Notes

The prerequisite is MUS 2342 or permission by audition. There is a course fee. This course is offered every fall.

Credits: 3

MUS 3350 - Music of the Americas

[LGCC4] This course will acquaint students with various styles of North and South American music, and place those styles in social and cultural perspective. The course will examine Blues, Jazz, Brazilian, Reggae, Afro-Cuban, Cajun and Zydeco, the cultural elements that influenced their development and how each style has influenced American popular music.

Prerequisites & Notes

The prerequisite is junior standing or permission. This course is offered every odd-numbered spring.

Credits: 3

MUS 4710 - Special Topics in Music

This course offers topics of special interest in a variety of areas that are not treated in the regular curriculum. The course may be repeated once.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee.

Credits: 1 to 3

MUS 4910 - Independent Study in Music

This course offers topics of special interest in a variety of areas that are not treated in the regular curriculum. The course may be repeated once.

Prerequisites & Notes

The prerequisite is permission of instructor. The Independent study contract must be approved, signed and submitted before the current semester's registration period closes.

Credits: 1 to 3

Music Business and Industry

MBI 1020 - College Skills for Music Business & Industry

This course introduces students to various topics they may encounter in this new academic environment. Issues may include addressing academic expectations, navigating 'the system', utilizing Lyndon's portal, pre-registering for classes, locating the appropriate support services, and understanding General Education and major-specific requirements.

Prerequisites & Notes

This course is offered every semester as a second-half mini. This course may be repeated once for credit.

Credits: 1

MBI 1360 - Introduction to the Music Industry

This course presents students with an overview of media platforms, marketing trends, advances in technology, and the nuts and bolts of the industry. Topics such as talent agency, management, production, entertainment law, and copyright regulations will be introduced. The course attempts to address the rapid changes presented by an ever-evolving industry.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

MBI 2170 - Introduction to Audio Engineering

This course presents a study of various elements associated with music production and sound engineering. The topics covered may include basic studio electronics and signal flow, studio and performance acoustics, dynamic processing, microphone use and design, session techniques, and the sound engineer in action.

Prerequisites & Notes

The prerequisite is MBI 1360, or permission. There is a course fee. This course is offered every semester.

Credits: 3

MBI 2175 - Digital Recording Techniques

This course covers basic principles of digital recording software such as Pro Tools and is designed for the audio student who has a beginner's-level experience. The course provides students with the knowledge and skills needed to complete a project from the initial set-up to final mix-down. Topics may include recording a live instrument or voice, using MIDI sequencing or software synthesizers, editing audio files and utilizing region looping techniques.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

MBI 2180 - Studio Production and Maintenance

This course presents an overview of the producer's job and the methods and techniques associated with music production, from start to the finished product. In addition, students will become acquainted with basic maintenance, repair, and troubleshooting in the studio.

Prerequisites & Notes

The prerequisite is MBI 2170, or permission. There is a course fee. This course is offered every spring.

Credits: 3

MBI 2315 - Record Label Practicum: Production

This course provides students with an experiential learning opportunity through the operation of a student-run record label. Participants will work collaboratively on music projects from the talent scouting A+R (Artists & Repertoire) phase through contract negotiation, pre-production, recording and mastering.

Prerequisites & Notes

The prerequisites are MBI 1360 and permission. There is a course fee. This course is offered every fall.

Credits: 2

MBI 2325 - Record Label Practicum: Marketing

This course provides students with an experiential learning opportunity through the operation of a student-run record label. In this course, the emphasis is placed on end-phase copyright registration, royalties and accounting, advertising and packaging design, manufacturing, distribution, marketing, and promotion work.

Prerequisites & Notes

The prerequisite is MBI 2315 or permission. There is a course fee. This course is offered every spring.

Credits: 2

MBI 2420 - Artist Management and Development

This course presents an overview of the role of the artist's manager in the music business and will focus on various aspects concerned with managing and developing the careers of independent as well as contracted performing artists. Study will include a review of the manager's rights and responsibilities, his/her relationship with individual musicians or musical groups, and the myriad business concerns associated with A&R (artist & repertory). Topics such as contracting, booking, and material protection will be included; tour management, recording/performance issues, and career guidance may be discussed.

Prerequisites & Notes

The prerequisites are MBI 1360 and sophomore standing. This course is offered every fall.

Credits: 3

MBI 3170 - Recording and Post-Production Techniques

This course provides a study of the major areas of recording technology and hands-on techniques, including microphone positioning, analog and digital technology, issues associated with live recording sessions, recording innovations in the industry, and post-production considerations such as mixing, editing, mastering, and remixing. Study may include the full preparation of a final production piece.

Prerequisites & Notes

The prerequisite is MBI 2170 with a recommended co-requisite of MBI 2180. There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

MBI 3180 - Live Sound Reinforcement

This course covers foundations, practices, and techniques in live sound reinforcement including selecting and placing microphones, creating a flexible signal plan, and mixing audio streams in live performance situations.

Prerequisites & Notes

The prerequisite is MBI 2180. There is a course fee. This course is offered every even-numbered fall.

Credits: 3

MBI 3210 - Music Publishing

This course explores the legal, contractual, and copyright issues associated with the publishing and licensing of sheet music, song lyrics, and related music formats. Students will study general copyright issues, publishing and administration, and licensing, as well as the roles of performing rights organizations such as ASCAP, BMI, and AIMP as they pertain to both traditional copyright regulations and to the Digital Millennium Copyright Act (DMCA) of 1998. Topics may include copyright filing and royalties; master licensing; public domain libraries; foreign rights, royalties, and copyright issues; publishing companies' rights and responsibilities; record label issues; artist development processes; and infringement fines and penalties.

Prerequisites & Notes

The prerequisites are MBI 1360 and junior standing. There is a course fee. This course is offered every spring.

Credits: 3

MBI 3220 - Advanced Audio Production

This course continues the work of MUS 2170 as it addresses specific, advanced topics in the area of audio engineering. Topics may include broadcasting, digital audio effects, mastering for specific applications, special techniques in sound recording, the art of sound reinforcement, technical ear training, and other related topics. Students will be required to complete a mastered sound recording project that will represent capstone work in the major. During the course of the semester, students will participate in the actual operations associated with a successful Music Industry Studio. After a series of preparatory sessions, students will travel to an off-campus site and will gain hands-on experience under the guidance of an industry specialist. Study will focus on advanced recording techniques and equipment, sound design, and audio manipulation. Students must be in good academic standing and must be able to meet external studio schedules.

Prerequisites & Notes

The prerequisites are MBI 1360, MBI 2170, MBI 2180, and junior standing. There is a course fee. This course is offered every fall.

Credits: 3

MBI 3310 - Event Management and Promotion

This course provides students with the training necessary for planning, managing, and promoting live musical events and festivals. Students will receive training through hands-on experiences as they learn to staff, advertise, promote, and manage live events on campus and in the community.

Prerequisites & Notes

The prerequisites are MBI 1360 and sophomore standing. There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

MBI 3330 - Venue Management

This course examines various aspects of venue management. Topics may include venue selection, customer and competition identification, artist contracts and riders, booking policies, box office management and ticketing, food and beverage service, financial planning and management, leases and contracts pertaining to leasing, public relations, promotions, and advertising. Issues concerning city zoning laws and licensing, liability and other types of insurance, and personnel management may also be covered.

Prerequisites & Notes

The prerequisites are BUS 2015 and either BUS 2230 or MBI 1360. There is a course fee. This course is offered every even-numbered spring.

Credits: 3

MBI 3710 - Topics in Music Business Industry

This course provides students the opportunity to pursue topics appropriate to the 3000-level not offered in the general Music Business Industry curriculum.

Prerequisites & Notes

The prerequisite is permission.

Credits: 3

MBI 4040 - Auditory Perception and Psychoacoustics

This course presents a more in-depth study of the theory and behavior of sound. Topics may include basic audiology, psychoacoustics, the anatomy and physiology of hearing, and issues associated with advanced recording techniques.

Prerequisites & Notes

The prerequisite is MBI 3170. There is a course fee. This course is offered every odd-numbered fall.

Credits: 3

MBI 4220 - Entrepreneurship in the Music Industry

This course provides students an opportunity to examine new and emerging businesses within the music industry in areas such as artist management, publishing, new media, merchandising, music sales, and touring. Students will connect with successful music business entrepreneurs to better understand the origins of businesses, from DIY (do-it-yourself) start-ups to larger non-traditional partnerships and corporations. In this course students will conceive a venture of their own and develop a business plan.

Prerequisites & Notes

The prerequisites are MBI 1360 and junior standing. There is a course fee. This course is offered every spring.

Credits: 3

MBI 4720 - Professional Development Seminar

This course introduces Music Business & Industry students to the professional expectations they will encounter in internships and job placements. The instruction focuses on deportment, written and oral communication, organizational skills, and other competencies necessary for success in a professional setting, and will include a variety of cooperative exercises and peer evaluation.

Prerequisites & Notes

The prerequisite is junior standing. There may be a course fee. This course is offered every fall.

Credits: 3

MBI 4810 - Music and Performing Arts Internship

This course is intended as a culminating experience of the student's preparation for a career in the music or performing arts industry. Under the supervision of a qualified industry professional, students will gain on-the-job experience, develop job-related skills, and acquire knowledge of professional expectations through placement at an approved site. Students will negotiate a contractual agreement with the site supervisor and will coordinate activities through a faculty supervisor. This course may be repeated for a total of 18 credits; however only 6 credits may be used in the major.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee. This course is offered every semester.

Credits: 1-6

Philosophy

PHI 1050 - Ethical Practice

[LGSS1] This course focuses on ways to act wisely and effectively as moral agents in society. It is not a survey of traditional moral theory. Drawing on the philosophical tradition and on critical examination of life situations, students engage such topics as personal integrity, sensitivity and fairness to others, and conditions for collaborative and respectful living.

Prerequisites & Notes

This course is offered every odd-numbered spring.

Credits: 3

PHI 1060 - Logic and Creative Thinking

[LGSS1] This course presents criteria of good reasoning and focuses on identifying, analyzing, and developing creative solutions through open-ended, generative, and experimental thinking modeled on crafts such as construction, performance, and empirical science. Topics addressed may include methods of argument construction and analysis, multiplying options, brainstorming, lateral thinking, reframing problems, and expanding possibilities through imaginative and improvisational engagement. These skills are reinforced by applications and exercises covering a wide range of situations, including advertising, political rhetoric, logic games and puzzles, the difficulties of everyday life, and the largest issues on a global level.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

PHI 2050 - Nature, Science, and Technology

[LGWL2] This course will examine a variety of influential movements and pressing issues in philosophical work concerning the ways that scientific inquiry and technological development shape how we view human society and our relationships with the other-than-human world. Topics addressed may include the distinction between natural and artificial, the association of science and technology, the value and applicability of the scientific method and of scientific theories, the potential conflicts between sustainability and resource development, the roles of social and environmental justice and activism, and what, if any, moral responsibilities humans have to non-human animals, to the natural environment, and to technology itself.

Prerequisites & Notes

The prerequisite is ENG 1081 or permission. This course is offered every odd-numbered fall.

Credits: 3

PHI 2090 - Popular Culture and Philosophy

[LGWL2] This course will address a particular topic of popular culture and the specific philosophical issues related to it. Topics may include The Simpsons, The Sopranos, The Lord of the Rings, South Park, Harry Potter, James Bond, The Beatles, and the Grateful Dead. This course may be repeated with a change of topic, but may be counted only once toward program requirements.

Prerequisites & Notes

The prerequisite is ENG 1081 or permission. This course is offered every spring.

Credits: 3

PHI 2710 - Special Topics in Philosophy

This course provides students the opportunity to pursue topics appropriate to the 2000-level not offered in the general Philosophy curriculum.

Prerequisites & Notes

The prerequisite is ENG 1081 or permission.

Credits: 3

PHI 3065 - Philosophy of Film and Television

[LGWL2] This course examines a variety of philosophical concerns related to film and television. Issues addressed include the social significance of film and television, the relation between fine art and popular entertainment, the differences between still and moving pictures, the differences between theatrical and home presentations, the construction of the illusion of reality, and the basis for our emotional interactions with characters.

Prerequisites & Notes

The prerequisite is PHI 2030 or ENG 1082 or permission. This course is offered every even-numbered spring.

Credits: 3

PHI 3140 - Art Theory and Criticism

[LGWL2] This course explores philosophical issues and theories concerning artistic expression and art appreciation. Issues such as defining art and creating and experiencing artworks are investigated from the frameworks of a cross-cultural selection of philosophic theories.

Prerequisites & Notes

The prerequisite is PHI 2030 or ENG 1082 or permission. This course is offered every even-numbered fall.

Credits: 3

PHI 3710 - Special Topics in Philosophy

This course provides students the opportunity to pursue topics appropriate to the 3000-level not offered in the general Philosophy curriculum.

Prerequisites & Notes

The prerequisite is PHI 2030 or ENG 1082 or permission.

Credits: 3

PHI 4710 - Special Topics in Philosophy

This course provides students the opportunity to pursue topics of special interest in philosophy appropriate to the 4000-level not offered in the general Philosophy curriculum.

Prerequisites & Notes

The prerequisites are junior standing and either PHI 2030 or ENG 1082, or permission.

Credits: 1 to 3

PHI 4810 - Internship in Philosophy

The internship provides students with practical experience in the application of their previous course work in the major. Arrangements for placement must be made with the supervising faculty member, faculty advisor, the site supervisor, and the Career Services office. Following approval of the work experience, students are required to submit a learning contract and biweekly reports.

Prerequisites & Notes

The prerequisite is permission. The internship may be repeated for credit, but only 3 credits may be counted toward program requirements.

Credits: 2-15

PHI 4910 - Independent Study in Philosophy

Through regular consultation with and approval of a faculty advisor, Independent Study in Philosophy allows the more mature student to pursue an in-depth study of a part of the philosophical tradition or a subject of special interest.

Prerequisites & Notes

The prerequisite is permission.

Credits: 3

Physical Education**PED 1120 - Skills and Techniques**

This course emphasizes knowledge and skills that enable students to participate in a variety of individual, dual, team, wellness, water, and martial arts activities. Students receive one credit for a seven-week course and two credits for a full-semester course. Activities may be repeated with departmental approval.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 1 to 2

PED 3010 - Coaching Methods

This course explores the theory, techniques and practices of coaching and emphasizes advanced skills, drills, and real and problem-solving games situations. The instruction also investigates the psychological, social and physiological influences on the athlete.

Credits: 2

Physics

PHY 1120 - Introduction to Astronomy

This course develops the subject of astronomy historically from the ancient Greeks through the Renaissance to modern astronomy. This course includes the solar system, comets, meteors, and the tools of the astronomer. Initially, the course emphasizes star and constellation identification through classroom discussions, slides, visits to the Fairbanks Planetarium, and field trips at night.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 4

PHY 2010 - Introduction to Electricity and Electronics

[LGSE8] This course introduces the basic physics of electricity and magnetism, fundamentals of DC and AC circuit theory, semiconductor devices, electronic circuits, digital electronics, and communication systems. The lab work involves the use of basic electric and electronic equipment and experiments pertaining to subject matter.

Prerequisites & Notes

The prerequisite is MAT 1020, or permission. There is a course fee. This course is offered every odd-numbered fall.

Credits: 4

PHY 2020 - Energy, Environment, and Society

This course focuses on such topics as energy sources and transformations, energy use and crises, environmental impact, alternative energy systems, solar energy, energy conservation, problems associated with nuclear power, and relations between energy use and environmental pollution. This course is cross-listed with ENV 2060.

Prerequisites & Notes

There is a course fee. This course is offered every spring.

Credits: 4

PHY 2025 - Physics for the Environment

This course covers selected topics in physics that are essential in understanding the scientific basis of some current environmental concerns. Topics include energy, conservation of energy, heat, laws of thermodynamics, electric energy, atomic structure, nuclear energy, and ionizing radiation.

Prerequisites & Notes

The prerequisite is MAT 1020 or MAT 1060. There is a course fee. This course is offered every spring.

Credits: 4

PHY 2030 - The Universe

This course studies the nature of the universe from the birth of stars to black holes. It includes the study of the origins of the universe, space-time and gravity, galaxies, current cosmological theories, star formations, black holes, and life beyond Earth.

Prerequisites & Notes

The prerequisite is MAT 1020 or MAT 1060 or equivalent. There is a course fee. This course is offered every spring.

Credits: 4

PHY 2031 - Fundamental Physics I

[LGSE8] Although this treatment of fundamental physics is analytical rather than merely descriptive, no mathematics beyond algebra is necessary for this course. The instruction includes such topics as linear and rotational motion, force, momentum, energy, heat, and related conservation laws.

Prerequisites & Notes

The prerequisite is MAT 1020. There is a course fee. This course is offered every fall.

Credits: 4

PHY 2032 - Fundamental Physics II

This course includes such topics as electricity, magnetism, electromagnetic waves, and modern physics.

Prerequisites & Notes

The prerequisite is PHY 2031. There is a course fee. This course is offered every spring.

Credits: 4

PHY 2061 - Classic Physics I

[LGSE8] This course introduces calculus-based physics and covers vectors, translational and rotational kinematics, Newtonian mechanics, non-inertial reference frames, work and energy, momentum, conservation laws, and collision theory. The course requires five hours of lecture, recitation, and laboratory per week.

Prerequisites & Notes

The prerequisite is MAT 1531. There is a course fee. This course is offered every semester.

Credits: 4

PHY 2062 - Classic Physics II

This course covers rotational dynamics, fluid statics and dynamics, temperature, kinetic theory, thermodynamics, and wave theory. The course requires five hours of lecture, recitation, and laboratory per week.

Prerequisites & Notes

The prerequisite is PHY 2061. There is a course fee. This course is offered every semester.

Credits: 4

PHY 2063 - Classic Physics III

This course examines electric forces and fields, magnetism, direct and alternating current circuits, Maxwell's Equations, electromagnetic waves, geometric and wave optics, blackbody radiation, and turbulence and turbulent flows.

Prerequisites & Notes

The prerequisites are PHY 2062 and MAT 2532. There is a course fee. This course is offered every odd-numbered spring.

Credits: 4

PHY 2120 - Physics Modules

This course provides an introductory study and/or laboratory of a specific or specialized topic generally passed over in introductory astronomy/physics courses. Topics are chosen within the interests of students and faculty.

Prerequisites & Notes

There is a course fee.

Credits: 1 to 4

PHY 3120 - Modern Physics

This course introduces the formal treatment of the theory of relativity, quantum mechanics, atomic structure, statistical physics, solid-state physics, nuclear structure, elementary particles, general relativity, and cosmology.

Prerequisites & Notes

The prerequisite is PHY 2063, or permission. There is a course fee.

Credits: 4

PHY 4110 - Physics Modules

This course provide an intensive study of a variety of current topics in physics, and is offered in response to the current interests of the students and faculty. The course topics could include alternative energy systems, nuclear reactor technology, or the physics of life systems. Some modules may be taken for major elective credit with written permission.

Prerequisites & Notes

The course requires 15 lecture/lab hours per credit. The prerequisite is permission. There is a course fee.

Credits: 1 to 4

PHY 4530 - Research in Physics

This course presents the opportunity for a detailed study of an original problem chosen in conjunction with an appropriate faculty member. Consultation for admission to this course must occur at least one semester prior to enrollment. The study must be approved by the faculty advisor(s), followed by the submission of a literature search, an outline of the problem, and a final written report. The written report should be approved and defended orally before the Science Department. Students concentrating in environmental science are expected to include a field orientation in their research. Weekly meetings with the advisor(s) are required.

Prerequisites & Notes

Any science major is eligible with permission. There is a course fee.

Credits: 3 to 6

Political Science

POS 1010 - Introduction to Political Science

[LGGE6] This course surveys the basic principles and institutions of governments and examines them in the context of modern governments, both democratic and non-democratic.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

POS 1020 - American Politics and Government

[LGGE6] This course observes the origin, structure and operation of the American political system in the context of federalism, constitutional law, and the obligations and rights of the citizen.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

POS 1030 - Comparative Government

[LGGE6] This course compares political institutions and processes of nations in the 21st century.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

POS 2040 - International Relations

[LGGE6] This course serves as an introduction to the nature and problems of international politics and includes the development and interpretation of the modern states system, power factors, nationalism, imperialism, and international organization.

Prerequisites & Notes

This course is offered every odd-numbered fall.

Credits: 3

POS 2710 - Topics in Political Science

This course provides students the opportunity to pursue topics of special interest in political science appropriate to the 2000- level that are not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisite is sophomore standing

Credits: 1 to 3

POS 2910 - Independent Study in Political Science

This course allows the student to pursue the exploration of a topic of political science not offered in the regular curriculum, under the tutelage of a department faculty member. An independent study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are sophomore standing and permission.

Credits: 1 to 3

POS 3060 - Vermont Politics

[LGGE6] This course examines the electoral and political party structures, partisan activities and significant interest groups affecting contemporary political division within Vermont. The instruction provides lectures, student participation in individual research projects, and guest speakers involved in the state's political process.

Prerequisites & Notes

There is a course fee. The prerequisite is sophomore standing or permission. This course is offered every spring.

Credits: 3

POS 3170 - U.S. Constitutional Law

[LGGE6] This course examines constitutional issues through the study of Supreme Court decisions. The course explores the origin of judicial review in Marbury vs. Madison as well as current issues involving the liberties of citizens.

Prerequisites & Notes

This course is offered every odd-numbered spring.

Credits: 3

POS 3430 - Government and Politics in Russia and Post-Soviet States

[LGGE6] This course examines the Russian and Central Asian political legacies, the experience of Soviet rule from 1917 until 1991. The course explores in-depth current domestic and foreign politics in the Russian Federation and several other post-Soviet states. The course focuses

primarily on the political development in the post-Soviet period.

Prerequisites & Notes

This course is offered every even-numbered Fall semester.

Credits: 3

POS 4710 - Topics in Political Science

This course provides the opportunity to pursue topics of special interest in social science appropriate to the 4000-level not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 1 to 3

POS 4810 - Internship in Political Science

This course provides practical field work in political science which is arranged in conjunction with the Cooperative Education Office. This course places students in a work site that will provide practical, career-oriented experience under the supervision of an employer and a faculty member who will make on-site visits. The co-op emphasizes the acquisition of job-related skills and the role of professionals in the discipline. See also the section on cooperative education elsewhere in this catalog.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 1 to 6

POS 4910 - Independent Study in Political Science

This course allows the student to pursue an advanced, in-depth study of a topic in political science not offered in the regular curriculum, under the tutelage of a department faculty member. An independent-study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are junior standing and permission.

Credits: 1 to 3

Psychology and Human Services

PSY 1010 - Introduction to Psychology

[LGSS1] This course introduces students to the major concepts, issues, research and scientific methods upon which our knowledge of human thought and behavior are built. Geared for both majors and non-majors, this course provides the basis for further study of psychology as well as a sense of how psychological issues are involved in a variety of academic fields and students' personal lives. Course content is selected from topics including research methods, neurophysiology, states of consciousness, learning, memory, theories of personality, motivation, social psychology, and abnormal behavior.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

PSY 1025 - First Year Seminar: UP with New Students

This course introduces students to the college's intellectual and social environment and to the issues of applied psychology and human services. A variety of approaches, including the use of an award winning documentary series on human development, are used to strengthen higher-level thinking, enhance academic skills and provide information that leads to success in college.

Prerequisites & Notes

The prerequisite is freshman standing, and the co-requisite is PSY 1050. There is a course fee. This course is offered every fall.

Credits: 3

PSY 1040 - Human Interaction

This course is an experiential course designed to enhance self-knowledge and personal growth, as well as develop increased skill with interpersonal communication and group process. Students are asked to examine their personal values, formative experiences, interactional style, and role in the group. Students articulate their strengths and weaknesses, and strive for individual goals, while also evaluating the appropriateness of career choices. This course is required of and limited to human services and psychology majors, and is open to second-semester freshmen.

Prerequisites & Notes

The prerequisite is PSY 1010, PSY 1050 or concurrent enrollment. This course is offered every semester.

Credits: 3

PSY 1050 - Human Growth and Development

[LGSS1] This course offers an overview of the human developmental process throughout the life cycle, which includes the social, moral, emotional, cultural, physical, and cognitive aspects of growth. Students are encouraged to explore their own development. The theories of Erikson, Freud, Kohlberg, Piaget, and others are integrated into the life-span overview.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

PSY 1130 - Introduction to Substance Abuse

This course is designed to help students become aware of their attitudes about substance abuse, gain theoretical knowledge, and understand the dynamics of abuse patterns. Treatment methods for substance abusers are discussed.

Credits: 3

PSY 2075 - Peer-to-Peer Training

This course focuses on training students to facilitate peer-education programs on campus. Topics for the education modules include substance-use health effects, how to live a healthier life, stress-coping skills, and how to get involved in activities on

campus. Students will present modules to first-year students and student athletes. This course may be repeated up to three times for credit.

Prerequisites & Notes

This course is offered every fall.

Credits: 1

PSY 2120 - Human Sexuality

[LGSS1] This course explores personal, social, and cultural beliefs, attitudes, and values toward human sexuality. The issues covered include sexual anatomy and physiology, childbirth, birth control, venereal disease, sex roles, sexual fantasy, body image, homosexuality, love, intimacy, and interpersonal communication.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every fall and summer.

Credits: 3

PSY 2270 - Introduction to Human Services

This course is designed to introduce sophomore level students to the basic skills and concepts of the human services profession. Students gain knowledge about specific populations and social problems as well as familiarity with the human services interventions and agencies that serve these individuals. It is required of human services majors, and limited to human services or psychology majors.

Prerequisites & Notes

The prerequisite is sophomore standing. There is a course fee. This course is offered every semester.

Credits: 3

PSY 2411 - Introduction to Research Methods

This course discusses the application of qualitative and quantitative methods to research on human behavior. Topics include the philosophy of science, observation, surveys, field research, correlation, experimental and quasi-experimental designs, hypothesis testing, experimenter bias, and research ethics. Individual and group laboratory experiments are included.

Prerequisites & Notes

The prerequisites are PSY 1010, PSY 1050 or permission, and sophomore standing. This course is offered every semester.

Credits: 3

PSY 2811 - Field Work

This course offers the student an exploratory work experience in a public or private work environment supervised by an on-site professional. The field placement allows students to assess their academic and career interest in human services and psychology, to learn by doing, and to integrate theory and practice. This course is required of and limited to majors in Applied Psychology and Human Services.

Prerequisites & Notes

The prerequisites are PSY 1040 and a 2.00 GPA. This course is offered every semester.

Credits: 3

PSY 2812 - Field Work Seminar

This course provides a forum for students to discuss and process their field experiences, examine their career interests, and explore current issues pertinent to becoming professionals. Students study ethics, and apply and integrate theoretical knowledge. It is required of and limited to majors in Applied Psychology and Human Services.

Prerequisites & Notes

The prerequisites are PSY 1040, and a 2.00 GPA. This course is offered every semester.

Credits: 3

PSY 3010 - Theories of Personality

This course focuses on significant theories which describe the development, structure, and dynamics of personality, with an emphasis on pertinent research findings. Approaches such as psychodynamic, behavioral, social learning, biosociological, humanistic, cognitive, and existential are included. Particular emphasis is placed on practical applications of personality concepts for understanding self and others.

Prerequisites & Notes

The prerequisites are PSY 1010 and junior standing, or permission. This course is offered every fall.

Credits: 3

PSY 3040 - Cognitive Psychology

This course provides an in-depth look into the research on cognitive psychology. Topics including perception, attention, mental representation, memory, symbolic processes, and thinking are dealt with from various viewpoints. Students participate in conducting original experiments on human cognition.

Prerequisites & Notes

The prerequisites are PSY 1010 and sophomore standing. This course is offered every odd-numbered fall.

Credits: 3

PSY 3050 - Child Development

This course takes a topical approach in examining the biophysical, cognitive, psychosocial, and ecological changes that occur from infancy to adolescence. The instruction stresses the practical implications of current theory and research in developmental psychology and related fields.

Prerequisites & Notes

The prerequisites are PSY 1050, or EDU 3020 and sophomore standing, or permission. This course is offered every spring.

Credits: 3

PSY 3070 - Abnormal Psychology

This course views psychopathology from a biopsychosocial perspective. The focus is on the symptoms, causes and treatment of various forms of psychological disturbances such as mood disorders, anxiety, schizophrenia, and personality disorders, as organized by the DSM IV.

Prerequisites & Notes

The prerequisites are PSY 1010 and sophomore standing, or permission. This course is offered every semester.

Credits: 3

PSY 3080 - Macro Perspectives

This course provides a systemic perspective of the human services field by exploring how organizations and communities function and change. Particular emphasis is placed on developing advocacy and activism skills. The class will partner with a community agency in a service-learning project in order to apply macro skills in practice.

Prerequisites & Notes

The prerequisites are PSY 2270 and junior standing, or permission. PSY 2811 and PSY 2812 are strongly recommended. There is a course fee. This course is offered every semester.

Credits: 3

PSY 3085 - Contemporary Issues in Social Psychology

This course examines selected research and theories in social psychology and how these are applied to contemporary societal issues. The course will address the role of society and culture in the development of attitudes, roles, self-concept, and behavior. Issues covered may include, but are not limited to, conformity, prejudice, obedience, altruism, aggression, gender differences, and group dynamics.

Prerequisites & Notes

Prerequisites are PSY 1010 and PSY 2411, or permission. The course is offered every even-numbered spring.

Credits: 3

PSY 3090 - Lifespan Across Cultures

[LGCC4] This course explores the study of human development across the lifespan from a cross-cultural perspective and provides students with opportunities to expand their awareness, sensitivity, understanding, and appreciation of similarities and differences in behaviors across diverse cultural settings around the world.

Prerequisites & Notes

The prerequisites are PSY 1050 and junior standing, or permission. This course is offered every spring.

Credits: 3

PSY 3110 - Aging and Older Adulthood

This course explores the biophysiological, cognitive, and psychosocial changes that take place as people age and highlights current theories and research on issues and practical concerns central to aging and older adulthood. Diversity, environmental influences on aging, and applications to everyday life are also emphasized.

Prerequisites & Notes

The prerequisites are PSY 1010 or PSY 1050 and sophomore standing, or permission. This course is offered every fall.

Credits: 3

PSY 3210 - Perspectives on Death and Dying

[LGSS1] This course explores philosophical, psychological, and literary accounts of death. Speakers, films, and classroom simulations are used to examine current social attitudes and customs surrounding death as well as the meaning of death in present times.

Prerequisites & Notes

The prerequisite is junior standing. This course is offered every spring.

Credits: 3

PSY 3230 - Psychology of Gender

This course examines gender roles as they currently exist in this society with a focus on the feelings, attitudes and belief systems inherent in them. Research on sex differences as well as mental-health implications of gender roles are considered. The psychological effects of both stereotyped and changing roles on women and men are discussed.

Prerequisites & Notes

The prerequisite is sophomore standing.

Credits: 3

PSY 3260 - Adolescent Development

This course takes a topical approach to the understanding of the developmental processes of adolescence. In addition to understanding various theories that attempt to explain adolescent research, a main objective of the course is to be able to evaluate critically the theories and research findings concerning adolescent development. When appropriate, films, books, and guest speakers are incorporated to provide depth on topics under consideration.

Prerequisites & Notes

The prerequisites are PSY 1050 or EDU 3020 and sophomore standing, or permission. This course is offered every fall.

Credits: 3

PSY 3280 - Interventions for Health-Behavior Change

This course provides students with a comprehensive understanding of the key issues, theories, and models in health psychology. Evidenced-based interventions for health behavior change will be emphasized.

Prerequisites & Notes

The prerequisites are PSY 1010 and junior standing, or permission. This course is offered every summer.

Credits: 3

PSY 3325 - Mindfulness for Wellbeing

This experiential course teaches students the self-care mindfulness practice of cultivating the capacity to be fully present in each moment while simultaneously recognizing one's own thoughts and sensations. The course provides clinicians with the tools to utilize mindfulness interventions with clients.

Prerequisites & Notes

The prerequisite is permission. There is a course fee. This course is offered every spring.

Credits: 3

PSY 3811 - Professional Experience

This experiential course includes supervised educational and professional activity related to psychology or human services. This course may be repeated when no duplication of experience, or role in the experience, results (e.g. acting as a student leader/facilitator). There will be differential course requirements based on the number of credits offered.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee.

Credits: 1-3

PSY 4010 - Biological Psychology

This course offers a study of the physiological mechanisms underlying consciousness and behavior. The instruction emphasizes current research in neurological, bio-chemical, and sensory mechanisms as they influence learning, motivation, perception, consciousness, and behavioral processes.

Prerequisites & Notes

The prerequisites are nine credits in PSY or BIO 1210 and BIO 1211, and junior standing, or permission. This course is offered every spring.

Credits: 3

PSY 4020 - Psychological Testing

This course provides a practical understanding of the principles of psychological and educational measurement. The course surveys standardized tests, their function, selection, administration, statistical summarization, interpretation, and their use in social, educational, industrial, and counseling settings.

Prerequisites & Notes

The prerequisites are PSY 1010 and junior standing. There is a course fee. This course is offered every fall.

Credits: 3

PSY 4110 - Creative Therapies

This course provides an introduction to the theory and practice of a number of the creative therapies which may include dance/movement, art, music, poetry, or drama. The course addresses application of the creative therapies to the field of psychology.

Prerequisites & Notes

The prerequisites are nine credits in PSY and junior standing. This course is offered every summer.

Credits: 3

PSY 4120 - History of Psychology

[LGPP5] This course explores the emergence of psychology as a scientific discipline. Students learn about the main themes, events, and the important people who contributed significantly to the foundation of psychology as a scientific discipline.

Prerequisites & Notes

The prerequisites are nine credits in PSY and junior standing, or permission. This course is offered every even-numbered spring.

Credits: 3

PSY 4140 - Women in Psychology

This course presents an in-depth exploration of attitudes toward women in psychology and women's roles in the profession. The research methods used in building theoretical models are examined for their impact on women. Contributions of women psychologists are emphasized. Emphasis is on discussing the writings of psychological theorists from psychoanalysts to feminists, and evaluating their ideas about women.

Prerequisites & Notes

The prerequisites are nine credits in PSY and junior standing.

Credits: 3

PSY 4145 - Responding to Psychological Trauma

This course offers an integration of contemporary theories, empirical research, and evidence-based practices for the assessment and treatment of psychological trauma in adults and children. Students will acquire knowledge and skills in Psychological First Aid (PFA) and other crisis intervention strategies.

Prerequisites & Notes

The prerequisites are PSY 1010 and junior standing, or permission. There is a course fee. This course is offered every odd numbered fall.

Credits: 3

PSY 4150 - Understanding and Working with At-Risk Families

This course offers an integration of contemporary theories and evidence-based practice approaches in working with families with special emphasis on oppressed and vulnerable populations.

Prerequisites & Notes

The prerequisites are PSY 4151 and junior standing, or permission. There is a course fee. This course is offered every even numbered fall.

Credits: 3

PSY 4151 - Counseling Theory & Practice

This course provides an overview of the counseling process and an introduction of the counseling profession. Students acquire an understanding of and practice of basic effective helping skills and ethical issues. Instruction also focuses on the assumptions and techniques of a variety of theoretical approaches to counseling.

Prerequisites & Notes

The prerequisites are PSY 1010, PSY 1050, PSY 3070, and junior standing. This course is offered every semester.

Credits: 3

PSY 4160 - Counseling with Groups

This course covers group counseling theories, methods, and skills. Group leadership skills are developed, practiced, and refined through in-class experiences that focus on live group processes.

Prerequisites & Notes

The prerequisite is PSY 4151. There is a course fee. This course is offered every fall.

Credits: 3

PSY 4170 - Developmental Psychopathology

This course introduces students to the DSM diagnostic criteria related to a variety of psychological disorders which occur in childhood and adolescence. Students will identify the biopsychosocial factors associated with these disturbances, as well as associated strategies for assessment, intervention, treatment, and prevention.

Prerequisites & Notes

The prerequisites are PSY 3050 or PSY 3260, and PSY 3070. There is a course fee. This course is offered every spring.

Credits: 3

PSY 4180 - Exploring Race & Challenging Racism in the US

This course explores how "race" is socially constructed in the U.S., how this social construction manifests as racism, and how we can challenge racism.

Prerequisites & Notes

This course is limited to students with junior standing or permission. This course is offered every spring.

Credits: 3

PSY 4215 - Substance-Abuse Treatment

This course will explore assessment of substance abuse, therapeutic approaches, and supportive aftercare for those dealing with drug and/or alcohol addiction.

Prerequisites & Notes

The prerequisite is PSY 1130 and junior standing. There is a course fee. This course is offered every odd numbered spring.

Credits: 3

PSY 4710 - Special Topics in Psychology

This course offers students the opportunity to concentrate on topics not covered in the general Psychology curriculum.

Prerequisites & Notes

The prerequisite is PSY 1010, or permission.

Credits: 1 to 4

PSY 4720 - Senior Seminar

This capstone course challenges students to integrate and extend prior knowledge as well as skills in analytical thinking, writing, and oral presentation. Instruction focuses on evaluating theory and research related to a chosen topic.

Prerequisites & Notes

This course is limited to seniors fully accepted into the psychology/human services major. The prerequisites are successful completion of the writing competency and information literacy graduation standards.

Credits: 3

PSY 4820 - Internship

This course is designed as a culminating experience in a setting directly related to the student's preparation for graduate studies or employment upon graduation. Six credits are required for graduation.

Prerequisites & Notes

The prerequisites are PSY 2811, PSY 2812, a 2.00 GPA and acceptance into the major.

Credits: 6 to 9

PSY 4900 - Independent Study

This course provides for the individual exploration of specific topics in consultation with a department faculty member. An independent study contract must be negotiated with a faculty member before registration.

Credits: 1 to 6

PSY 4921 - Senior Research I

This is the first of a two-course sequence in conducting psychological research. After a review of the literature relevant to a contemporary psychological theory or model, the student develops a problem statement, selects a methodology, and writes a proposal for a research project that will be completed the following semester in PSY 4922 Research Practicum. Group discussions among students developing proposals and practicum students who are conducting research enables beginning students to clarify problem statements and develop appropriate research strategies. This course is required of majors in the Psychology concentration and is limited to majors fully accepted into the psychology major.

Prerequisites & Notes

The prerequisites are PSY 2411, MAT 2021, and senior standing.

Credits: 3

PSY 4922 - Senior Research II

In this practicum students implement research proposals developed in PSY 4921 Senior Research I. They gather, analyze, and interpret data, write a research report, and present their findings for discussion and evaluation. The course is required of majors in the psychology concentration and is limited to majors fully accepted into the psychology major.

Prerequisites & Notes

The prerequisites are PSY 4921 and senior standing.

Credits: 3

Russian

RUS 1011 - Russian I

[LGCC4] This course presents basic conversational patterns and grammatical structures and establishes a foundation for speaking, readings and writing the language. The instruction introduces the Cyrillic alphabet and readings, which are scaled to the beginner's ability in order to introduce the student to the Russian culture. The course is designed for students who have little or no previous Russian.

Credits: 3

RUS 1012 - Russian II

[LGCC4] This course further develops basic conversational patterns and grammatical structures and increases facility in reading and writing the language. Readings are scaled to a more advanced ability level while expanding the student's knowledge of the Russian culture. The course is designed for students who have knowledge equivalent to successful completion of Russian I.

Credits: 3

RUS 2010 - Mystery of Russian Soul and Culture

[LGCC4] This course introduces students to Russian culture and history from pre-Christian times to the present, as seen through literary texts, music, film, visual art, and historical works. All lectures and written materials are in English. No prior knowledge of Russian is necessary.

Credits: 3

Science

SCI 1000 - First-Year Seminar in Science and Sustainability

This course introduces first-year students to critical issues of science and sustainability including the development, maintenance, and conservation of our natural resources, our sources of renewable energy, and biodiversity.

Prerequisites & Notes

This course is offered every spring.

Credits: 1

SCI 1030 - The Life, Earth, and Physical Sciences

[LGNR7] This course is designed to acquaint students with the nature of science. Through discussion, lecture, and activities, students will develop the ability to observe phenomena critically, and to formulate and communicate ideas that are testable and falsifiable. They will learn about the fundamental nature, interaction, and organization of matter and will practice designing experiments, collecting data, and analyzing results through active problem solving and participation in a research project. The limitations of science as well as the relationship between science and society will be considered.

Prerequisites & Notes

The prerequisite is math competency. There is a course fee. This course is offered every semester.

Credits: 3

SCI 1070 - Food for Thought

[LGNR7] This course addresses food production systems from biological, ecological, nutritional, and historical perspectives. Students will consider the environmental impacts and sustainability of food production using an ecosystem models approach. The course demonstrates to students the role of dietary choices in building more sustainable food systems and healthier populations, and teaches students to draw connections between their own food choices and environmental impacts on all scales.

Prerequisites & Notes

There is a course fee. This course is offered every semester.

Credits: 3

SCI 2310 - Physical Science in the Classroom

This course provides an introduction to the nature and philosophy of science and an overview of chemistry, physics, astronomy, and cosmology within the context of the elementary classroom. Students consider rules and limitations of science, and how to create simple experiments that are consistent with best scientific practice. Specific topics include, but are not limited to, the nature of matter, atomic interactions, and conceptual nuclear physics and relativity.

Prerequisites & Notes

This course is limited to Elementary Education majors only. There is a course fee. This course is offered every semester.

Credits: 4

SCI 4010 - History of Science

[LGPP5] This course covers the foundations and growth of scientific thought and achievements from antiquity to the present day. The instruction emphasizes the logic of science, scientific concepts, scientific explanation, and the development of these notions through history. It also offers discussions on scientific revolutions and critical points in human thinking in relation to natural phenomena from Aristotle to Einstein.

Prerequisites & Notes

The prerequisite is a minimum of two undergraduate courses in Natural Sciences, or permission. This course is offered every

odd-numbered fall.

Credits: 4

SCI 4110 - History of Agriculture

[LGPP5] This course examines the development of agricultural systems through time as an essential link to develop sustainable farms for the future. Topics include the geographical and cultural origins of domesticated plants and animals, the tools and mechanization of agriculture, the commoditization of agricultural products, and the relationships among culture, geography and diet in the past and present. Students will learn to conduct historical research by methods including oral histories.

Prerequisites & Notes

The prerequisite is junior or senior class standing, or permission. There is a course fee. This course is offered every odd-numbered fall.

Credits: 4

SCI 4610 - Senior Seminar

Readings from scholarly journals and the popular media are used to stimulate discussion of current issues in science and sustainability. Reading materials are selected to facilitate synthesis of ideas across the curriculum. Students will also discuss and defend their capstone projects.

Prerequisites & Notes

The prerequisite is senior standing or permission. This course is offered every spring.

Credits: 1

SCI 4810 - Internship in Environmental Science

This internship is available for students who meet the departmental criteria for doing an internship. It is offered under supervision at an approved facility. The student is required to submit a written report of his or her work at the conclusion of the internship. Interested students should contact the department chairperson. The internship is restricted to juniors and seniors and does not count for required upper-level credit.

Credits: 3 to 4

SCI 4900 - Research in Science

This course presents the opportunity for detailed study of an original problem chosen in conjunction with an appropriate faculty member. Consultation for admission to this course must occur at least one semester prior to enrollment. The study must be approved by the faculty advisor(s), followed by the submission of a literature search, an outline of the problem, and a final written report. The written report will be defended orally before the Science Department during SCI 4610 Senior Seminar. Students concentrating in environmental science are expected to include a field orientation in their research. Weekly meetings with the advisor(s) are required. Course may be repeated for credit.

Prerequisites & Notes

Any Science or Sustainability Studies major is eligible, with permission. There is a course fee.

Credits: 1 to 4

Social Science

SSC 1030 - Exploring the Social Sciences

[LGSS1] This course provides a survey of the perspectives and methods of the social sciences, examining the following disciplines: anthropology, sociology, psychology, history, economics, political science, and geography. Students will develop their understanding of and skills in critical thinking, cultural literacy, scientific methodology, and written and oral expression in the analysis of human social behavior.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

SSC 1040 - Introduction to the Social Sciences

This course introduces students to the rich intellectual and social environment of college life, with special emphasis on the social sciences. Each of our instructors will challenge students to adopt higher levels of thinking, helping students to navigate college-wide and departmental requirements. Students will be introduced to college registration, career counseling, peer collaboration, and the multi-disciplinary approaches to the social sciences.

Prerequisites & Notes

This course is offered every fall.

Credits: 1

SSC 2020 - Experience the World

This course explores the history and culture of a specific country. It involves student travel to the country's location for one week under the supervision of a member of the faculty. The experience will include interaction with the country's people and culture, and visits to historical sites and cultural events in and around the major cities. Students will be expected to attend meetings prior to leaving. This course may be repeated for credit.

Prerequisites & Notes

The prerequisite is sophomore standing or permission. This course is offered every year.

Credits: 1

SSC 3020 - Research Design and Analysis

This course develops the skills to successfully undertake an independent research project. The course includes a review of historical, descriptive, correlational, experimental, and field-study methods of research. The instruction reviews the language and syntax of the scientific method and sampling, analysis techniques, and the drawing of logical conclusions. The laboratory sessions provide an overview of different non-parametric statistical tests.

Prerequisites & Notes

The prerequisite is junior standing. This course is offered every fall.

Credits: 3

SSC 3399 - Gender Issues in Social Sciences

This course explores issues related to gender constructs and identities from the point of view of the Social Sciences— anthropology, sociology, political science, or history. Students explore and analyze the historical and cultural construction of gender as a concept and an artifact of culture, as well as the implications and consequences of such constructions.

Prerequisites & Notes

The prerequisite is sophomore standing.

Credits: 3

SSC 3820 - Global Studies Fieldwork

[LGCC4*] This course is designed to provide students with an opportunity to learn about the history, culture, politics, philosophy, and economics of foreign countries and activities of international organizations. The course includes preparatory study on campus, as well as travel to a foreign country or to the headquarters of an international organization. The fieldwork will include various forms of interactions with people of a foreign country, study at important historical and cultural sites, political organizations, businesses, academic institutions, and attendance at cultural events. It also may include interactions with elected officials and staff members of international organizations, and research work at their libraries and archives. Preparatory study and travel will be followed by a research paper. This course may be repeated once for credit, with instructor's permission, if new work is undertaken.

Prerequisites & Notes

The prerequisite is sophomore standing or permission.

* Students can only use this course to meet the LGCC4 GEU requirement if they have at least three (3) credits of SSC 3820.

Credits: 1 to 6

SSC 4710 - Topics in Social Science

This course offers the study of topics of special interest in social science not extensively treated in regularly scheduled offerings.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1 to 3

SSC 4720 - Senior Thesis/Capstone

This course allows students to identify, design, and implement an original thesis or capstone project, along with associated research study related to a specific area of student interest. The instruction assists students to identify problems, review relevant literature, implement their specified research design, analyze data, and present and defend their findings. The capstone is a faculty-supervised project which is an alternative to the thesis, involving direct participation in fieldwork, internship, travel, or practicum.

Prerequisites & Notes

The prerequisite is SSC 3020. This course is offered every spring.

Credits: 3

Sociology

SOC 1010 - Introduction to Sociology

[LGSS1] This course introduces students to research methods in the social sciences, and focuses on major social issues in American society from a cross-cultural perspective. Sociology, which is the scientific study of society, deals with the ways individuals, groups, and institutions relate to one another. This course investigates such social issues as social stratification, education, gender, racial and ethnic inequalities, socialization, and deviance.

Prerequisites & Notes

This course is offered every semester.

Credits: 3

SOC 2220 - The Family in Society

[LGSS1] This course analyzes contemporary American families and emerging alternatives from a cross-cultural and historical perspective. The instruction covers such issues as sexuality and love, work and the division of labor, social class, gender, family policy, and divorce.

Prerequisites & Notes

This course is offered every even-numbered fall.

Credits: 3

SOC 2710 - Topics in Sociology

This course provides students the opportunity to pursue topics of special interest in sociology appropriate to the 2000-level that are not offered in the general Social Science curriculum.

Prerequisites & Notes

The prerequisite is sophomore standing

Credits: 1 to 3

SOC 2910 - Independent Study in Sociology

This course allows the student to pursue the exploration of a topic of history not offered in the regular curriculum, under the tutelage of a department faculty member. An independent study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are sophomore standing and permission

Credits: 1 to 3

SOC 3050 - Gender and Society

[LGSS1] This course examines the social construction of femininity and masculinity, providing a broad examination of gender roles, norms, and stereotypes in social institutions and spheres such as the media, education, the economy, families, and culture.

Prerequisites & Notes

The prerequisite is sophomore standing. This course is offered every even-numbered spring.

Credits: 3

SOC 4710 - Topics in Sociology

This course offers the study of topics of special interest in sociology not extensively treated in regularly scheduled offerings.

Prerequisites & Notes

The prerequisite is permission.

Credits: 1 to 3

SOC 4810 - Internship in Sociology

The internship provides an opportunity for practical field work in sociology arranged in conjunction with the Career Services Office. The student is placed in a work site that will provide practical, career-oriented experience under the supervision of an employer and a faculty member who will make on-site visits. The internship emphasizes acquisition of job-related skills and the role of professionals in the discipline. See also the section on cooperative education elsewhere in this catalog.

Prerequisites & Notes

The prerequisites are ANT 1030 or SOC 1010, junior standing and permission.

Credits: 1 to 6

SOC 4910 - Independent Study in Sociology

This course allows the student to pursue an advanced, in-depth study of a topic in sociology not offered in the regular curriculum, under the tutelage of a department faculty member. An independent-study contract must be negotiated with the instructor and filed before registering for this course.

Prerequisites & Notes

The prerequisites are ANT 1030 or SOC 1010, junior standing and permission.

Credits: 1 to 3

Spanish

SPA 1011 - Spanish I

[LGCC4] This function-based course presents basic conversational patterns and grammatical structures and establishes a foundation for speaking, reading, and writing the language. The instruction introduces readings which are scaled to the beginner's ability in order to introduce the student to Spanish culture. The course is designed for students who have had little or no previous Spanish.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

SPA 1012 - Spanish II

[LGCC4] The second course in a two-semester sequence designed to introduce students to the Spanish language. Continued development of aural comprehension, speaking, reading, and writing skills. Further study of elements of the culture of Latin American and Spain.

Prerequisites & Notes

This course is offered every spring.

Credits: 3

SPA 2910 - Independent Study in Spanish

This course provides an opportunity for advanced study in selected areas of interest.

Prerequisites & Notes

The prerequisite is permission of instructor.

Credits: 1 to 3

Sport Leadership**SPL 1010 - Introduction to Sport Management**

This course explores the value, opportunities, challenges, influence and administrative components of the sport industry. Course content introduces students to the history of sport, opportunities in the sport industry, and management principles applied to sport. Additionally, the course acquaints students to careers within the sport industry and affords students an opportunity to develop a personal and professional philosophy, and to formulate personal and professional goals.

Prerequisites & Notes

There is a course fee. This course is offered every fall.

Credits: 3

SPL 2010 - Sport Marketing and Promotions

This course examines the marketing process as it applies to the sport industry. Students will conduct market research and develop promotional materials. Research components may include data collection, economic feasibility study, market research and segmentation, competitive analysis, and consumer behavior. Promotional activities may include social responsibility planning, sponsorships, developmental strategies, and programming and advertising at the collegiate and professional level.

Prerequisites & Notes

The prerequisite is SPL 1010 or permission. This course is offered every spring.

Credits: 3

SPL 2030 - Athletic Administration

This course emphasizes administrative components related to facilitating interscholastic and intercollegiate athletics. Topics may include high school and NCAA sustainable management practices, compliance, gender equity, scheduling, travel planning, academic success programming, crisis management, and collaborating with campus constituents.

Prerequisites & Notes

The prerequisite is SPL 1010 or permission. This course is offered every spring. There is a course fee.

Credits: 3

SPL 2040 - Sports Information and Media

This course covers the evolution of sports media by examining topics ranging from early sports journalism to today's social-media influence. Students will research the history, ethical impact, and customer consumption patterns across multiple platforms. Topics may include best practices related to the profession of sports information including public relations, crisis management, statistics, writing press releases, broadcasting contests, and award-voting processes.

Prerequisites & Notes

The prerequisite is SPL 2010. This course is offered every other fall.

Credits: 3

SPL 2050 - Sport Business

This course provides students with a comprehensive understanding of the key concepts, theories, practices, philosophies, and issues related to the production, distribution, and use of income generated in the sport industry. Topics include revenue generation, cost control, profit and loss, and budgeting.

Prerequisites & Notes

The prerequisite is SPL 1010 or permission. This course is offered every fall.

Credits: 3

SPL 2060 - Sport Leadership and Governance

This course focuses on the principles, history, and operation of sport governing bodies with an emphasis on policy development, legal authority, ethical responsibility, organizational structure, and function as applied to the governance of sport at local, regional, national, and international levels. Students will have the opportunity to research and evaluate governance structures and leadership theories, identify a personal leadership approach, and understand what it takes to be a highly effective leader in the sport industry.

Prerequisites & Notes

The prerequisite is SPL 2050. This course is offered every other spring.

Credits: 3

SPL 3030 - Facility Design and Event Management

This course explores foundational concepts in facility design and event management, from planning and construction to staffing and hosting large events. Instruction focuses on managing the physical structures and support elements of sports facilities including planning, construction, marketing, services and programs, day-to-day operations, documentation, fiscal management, risk management and trends as well as programming and managing sporting events and other events that often occur at sports venues (concerts, fairs, graduation ceremonies, circuses, etc.).

Prerequisites & Notes

The prerequisite is SPL 2010. This course is offered every other fall.

Credits: 3

SPL 3040 - Sport Resource Management

This course examines the management of human, educational, political, and social resources related to a sport or recreation-related organization. Topics may include skills and best practices related to building relationships, networking, fundraising methods, organizational skills, programming, ethical decision making, risk management, leadership skills, team building, project management, and human resource management.

Prerequisites & Notes

The prerequisite is SPL 2050. This course is offered every odd numbered fall. There is a course fee.

Credits: 3

SPL 4020 - Sport Law

This course examines laws, legal issues, and ethics pertinent to the sports industry. Case studies, decision making strategies and legal research are used to develop a philosophical approach to dealing with ethical, legal and moral challenges facing sport managers including sportsmanship, performance-enhancing drugs, cheating, violence, and gambling.

Prerequisites & Notes

The prerequisite is SPL 2060 or permission. The course is offered every fall.

Credits: 3

SPL 4720 - Senior Seminar in Sport Management

This course is the capstone academic experience for the Sport Management program. The course provides a forum for students to integrate their classroom and internship experiences and discuss current trends, issues, ethics, and challenges in sport management. A case study approach will allow students to utilize critical thinking and problem-solving techniques to make decisions. Topics will span the breadth of the discipline and may include: behavioral dimensions, management and organizational skills, ethics, marketing, communication, finance, economics, legal aspects, facility development, public relations, risk management, fundraising, philosophy, and leadership.

Prerequisites & Notes

The prerequisite is senior standing. This course is offered every spring. There is a course fee.

Credits: 3

SPL 4810 - Internship in Sport Management

The internship affords students an opportunity to apply sport management theory and best practices in a professional environment. The internship is developed in consultation with the student, the student's academic advisor, and the faculty supervisor and may occur only after the student has completed their Sophomore year. A limited number of internships are available in the Lyndon State College Athletic Department, while others are widely available off campus and out of Vermont.

Prerequisites & Notes

The prerequisites are junior standing and permission. CPR/AED and First Aid certification are required prior to registration for this course. There is a course fee. This course is offered every semester.

Credits: 1-15

Theater

THA 1040 - Interpreting Contemporary Dramatic Literature

[LGWL2] This course provides an interdisciplinary understanding of contemporary dramatic literature. Period plays and masterworks are looked at from the vantage point of the actor, the playwright, the technician, and the critic. The play is observed as a force within a cultural context influenced by and influencing the social, political, and economic realities of its time.

Prerequisites & Notes

The prerequisite is THA 1041. This course is offered every odd-numbered spring.

Credits: 3

THA 1041 - Introduction to Theatre

[LGAD3] This course is designed as an introduction to the collaborative nature of theatre in addition to the analysis and criticism of dramatic literature. The imaginative process is stressed as history, playwriting, audience, acting, directing, producing, and designing for both theatre and film are individually examined as elements of the collaborative process.

Prerequisites & Notes

There may be a course fee. This course is offered every fall.

Credits: 3

THA 2080 - Theatre Arts in The Dramatic Format

[LGWL2] This course provides an introduction to the theatre arts and dramatic literature and explores how they apply to the theatre, television, and film mediums. Dramatic literature and historical background ranges from the classic age to the modern drama. This course includes such topics as language and terminology, how to read a script, basic script development, and the dramatic format as a collaborative art which includes the playwright, the director, the actor, the scenic designer, the costume designer, and the critic.

Prerequisites & Notes

There is a course fee. This course is offered every even-numbered spring.

Credits: 3

THA 2121 - Acting I

[LGAD3] This course explores the basic nature of the actor's creative process. It includes the study of the actor's physical instrument, impulses, intuition and creative imagination. The evolving study of the course focuses on the fundamental elements of the acting craft: imaginary environment, character analysis and development, voice, body, relaxation and concentration is applied to work on monologues and scenes. This course emphasizes oral communication skills.

Prerequisites & Notes

This course is offered every fall.

Credits: 3

THA 2122 - Acting II

[LGAD3] This course continues developing basic acting skills through advanced character analysis and the development of character begun in Acting I. Emphasis is placed on the inner, emotional layers of character development through scene study, rehearsal and performance of modern, realistic dialogue scenes along with a look at film and television vs. stage acting. This course emphasizes oral communication skills.

Prerequisites & Notes

The prerequisites are THA 2121 and permission. This course is offered every even-numbered spring.

Credits: 3

THA 2710 - Special Topics in Theatre

This course offers topics of special interest in a variety of areas that are not treated in the regular curriculum. The course may be repeated once.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee.

Credits: 3

THA 2840 - Theatre Performance and Production

This course presents practical experience in various aspects of either theater performance or production. Students who wish to participate in the performance portion of the course must audition for the main-stage production at the beginning of the semester and must be prepared to develop and present their characters during the performance period. Those students who do not successfully audition are assigned to one of the following positions: assistant director, stage manager, house manager, properties coordinator, costumer, publicity or general production manager.

Prerequisites & Notes

This course may be repeated for credit. This course is offered every semester.

Credits: 3

THA 2845 - Stagecraft and Tech Crew

This course introduces students to the non-performance, collaborative fields involved in making a theatrical production happen. Instruction features an introduction to set design and construction, and lighting and sound design, as students collaborate on technical aspects of the main-stage production. Students must be available for participation in the run-crew for a main-stage production which will include some weekend hours. Instruction will include the study of OSHA safety regulations and practices. Final crew assignments are solely determined by the instructor.

Prerequisites & Notes

This course may be repeated for credit. This course is offered every semester.

Credits: 3

THA 3211 - Directing I

[LGAD3] This course features the study of directing for the theatre and/or film medium. Small scene study leads the way to developing a total production concept for the one-act play or larger venue. Rehearsal techniques for the actor, communication

processes for production personnel, blocking and staging preparation, as well as time, facilities and personnel management are elements of directing to be encountered. Public performance is expected.

Prerequisites & Notes

The prerequisites are THA 1041 and THA 2080. There is a course fee. This course is offered every odd-numbered spring.

Credits: 3

THA 4710 - Special Topics in Theatre

This course offers topics of special interest in a variety of areas that are not treated in the regular curriculum. The course may be repeated once.

Prerequisites & Notes

The prerequisite is permission. There may be a course fee.

Credits: 3

THA 4910 - Independent Study

This course gives the advanced student an opportunity to work on a special area of interest that is not possible through the standard curriculum.

Prerequisites & Notes

The prerequisite is permission of instructor. The independent study contract must be approved, signed and submitted before the current semester's registration period closes.

Credits: 3

Faculty and Staff

Click on a link to be taken to the entry below.

- [The Faculty](#)
- [Part-time Faculty](#)
- [Professor Emeriti](#)
- [The Administration](#)
- [The College Directors and Staff](#)
- [Board of Trustees of the Vermont State Colleges](#)
- [Past Lyndon Presidents](#)

The Faculty

Part-time Faculty

BERTOLINI, MARK, Business Administration/Law

LEONARD, JAVIN, Visual Arts

BERTONE, KATHY, Business Administration
BIDDLE, WILLIAM, English
BOYE, ALAN, Professor Emeritus (retired), English
CARCIO, KATE, Mountain Recreation Management
CLEVERLEY, BONNIE, Music & Performing Arts
COLBY, KELLY, English
COTTE, WILLIAM, Music and Performing Arts
DOWLING, DAN, Electronic Journalism / Atmospheric Sciences
DWYER, PAULINE, Natural Sciences
EDMONDSON, JANET, Music & Performing Arts
EGAN, TIMOTHY, Visual Arts
ELMES, MARTHA, Visual Arts
FITCH, JON, Professor Emeritus (retired), Psychology
FREGOSI, GIANNA, Music & Performing Arts/Theater
HANNA, CHARLOTTE, Business Administration
HASKINS, KAREN, English
HASKINS, MERLE, English
JAMES, NANCY, Education
KAPLAN, JONATHAN, Natural Sciences
KASCENSKA, JOHN, Mountain Recreation Management
LEONE, NICOLE, Mathematics
LORIOT, GEORGE, Atmospheric Sciences
MacDOWELL, LISA, English
MARTIN, ROBERT, Natural Science
MOYE, RICHARD, English
McKNIGHT, CYNTHIA, Natural Science
MIKOVITZ, TIM, Music & Performing Arts
NAREY, ERIN, English
PEPIN-VOGT, NANCY, English
ROCHE, MARIA, Social Science/Spanish
SGHERZA, ANTHONY, Exercise Science
STROKANOVA, ELENA, Social Science/Russian
THABIT, ALIA, English
TWOMBLEY, NORMA, Mathematics
ULRICH, TIMOTHY, Mathematics
VADEN, NICHOLAS, Music & Performing Arts
VAN der LAAN, KYLE, English
WATSON, CHRISTOPHER, Mathematics
WILLIAMS, ELIZABETH, English
WILLIAMS, NORRINE, Psychology

Professor Emeriti

BLANCHARD, IRENE (1976-1998)
BOYE, ALAN (1987-2009)
EBBETT, BALLARD E. (1960-1998)

FITCH, JON (1974-2005)

GALLAGHER, SUZANNE (1972-1990)

GREEN, FRANK (1970-2004)

McGOWAN, DORIAN (1959-2006)

MILLER, DONALD H. (1959-1999)

MOYE, RICHARD (1991-2014)

PORTNER, RICHARD (1977-2006)

REEVES, CAROLYN (1982-2003)

TOBORG, ALFRED (1960-1999)

VOS, KENNETH (1967-1999)

The Administration

NOLAN T. ATKINS, Interim President, Professor of Atmospheric Sciences, B.S. University of Minnesota; M.S., Ph.D. University of California Los Angeles

LOREN W. LOOMIS HUBBELL, Dean of Administration, B.A., Smith College; M.B.A., Harvard University Graduate School of Business

JONATHAN M. DAVIS, Dean of Students, B.S. Lyndon State College

THOMAS K. ANDERSON, Associate Dean for Academic Programs & Faculty, B.S. Western Illinois University; M.S. Western Illinois University

The College Directors and Staff

^ TO

Alex D. Allen	Public Safety Officer
Edie I. Allen	Admissions Specialist
Stephen C. Allen	LAN/System Administrator
Thomas R. Archer	Director of Physical Plant
Kathy A. Armstrong	Assistant to the Dean of Administration
Jennifer M. Aubin	Senior Financial Aid Officer
Bonnie D. Babcock	Admissions Records Specialist
Debra M. Bailin	Director of Student Academic Development
Trevor A. Barski	Associate Director of Admissions
David E. Bixby	Custodian

Sean A. Bliss	Admissions Counselor
Jay D. Bona	Circulation Coordinator
Cody W. Brackett	Graphic Designer, pt
Tanya W. Bradley	Director of Financial Aid
Mason M. Brewer	Admissions Counselor
Dustin R. Brooks	Maintenance Technician
Kristin M. Brooks	Assistant Director of Student Life
Rodney J. Call	Custodian/Maintenance Worker
Jody A. Card	Assistant Director, Financial Aid
Lindsay M. Carpenter	Director of LEAP
Jo-Ann Charron	Custodian/Pool Technician
Theresa Y. Conant	Laboratory Technician/Chemical Hygiene Officer
Elizabeth L Conklin	Interlibrary Loan Specialist
Christina K. Cotnoir	Assistant to the Dean of Students
Morgan E. Crespo	Staff Assistant, Health & Counseling Services
Patricia R. Cross	Administrative Assistant to Director of Physical Plant
Jessie Lynne Dall	Staff Assistant to Faculty
Alexandra R. Damato	Admissions Counselor
Michael A. Dente	Chief Technology Officer
Grace L. Dinapoli	Media & Marketing Coordinator
Christopher H. Dorsey	SHAPE Manager/Men's Basketball Coach
Denise M. Doyon	Custodian
Lori A. Drew	Tutor Coordinator
Kevin P. Driscoll	Custodian
Terry K. Dwyer	Vehicle Mechanic/Grounds Maintenance Technician
Mary A. Etter	Coordinator of Disability Services
Charles M. Forrest	Public Safety Officer

Karen M. Fournier	Custodian
Miranda D. Fox	Registrar
Evelyn E. Franz	Recorder
Sandra L. Franz	Director of Human Resources
Naomi R. Gallagher	Staff Accountant
Donna M. Gile	Staff Assistant to Faculty
Darlene N. Gilman	Staff Assistant for Conferences
Kathleen E. Gold	Director of Advising Resources
Cheryl L. Goldrick	Admissions Assistant
Jacqueline Goodwin	Custodian
Lisa R. Goodwin	Custodian
George B. Hacking	Director of Public Safety
Nermin Hajdarevic	Master Maintenance Technician
Tim L. Hale	Custodian/Maintenance Worker
Jennifer K. Harris	Executive Director of Development & Alumni Affairs
Kelly-Ann Harris	Custodian
Brandon B. Heanssler	Web & Digital Designer
Stacy O. Hopkins	Student Services Consultant
Kristin E. Hunt	NECC Site Director (North Essex Community College campus)
Edward A. Jacques	Maintenance Technician
Jason N.T. Kaiser	Atmospheric Sciences Data Systems Administrator
Mark L. Lariviere	Custodian
Thomas J. Leiper	Senior Mechanical Systems Technician - Plumber
Greer E. Lemnah	Content Specialist/Social Media Coordinator
Kenneth W. Leonard	Custodian
Sara L. Lussier	Assistant Director of Annual Giving
Vincent U. Maloney	Director of Admissions

David J. Martin	Financial Aid Officer
Shane E. Mason	Student Services Consultant
Gregory J. Mehuron	Admissions Counselor
Brian W. Michaud	Public Safety Officer
Darcie A. Miles	Executive Assistant to the President
Mark H. Mohrmann	Broadcast Systems Administrator
Denise B. Moses	Staff Assistant, Academic Support/Advising Resources Center
Ann M. Nygard	Director, Center for Rural Entrepreneurship
Joshua L. Peake	Custodian
Daniel M. Peal	Senior Mechanical Systems Technician - Electrician
Kevin Pezanowski	Director of Intramurals/Mens' Lacrosse Coach
Sylvia L. Plumb	Executive Director of Communications
Charlotte N. Porcelli	Director of Conferences & Events
Monique C. Prive	Acquisitions Coordinator
Diane W. Raymond	Student Services Consultant
Rose E. Reynolds	Assistant Director, LEAP
Dianne M. Rivers	Staff Assistant to Associate Academic Dean
Cynthia A. Robertson	Director of Payroll & Employee Services
Erin S. Rossetti	Director of Student Life
Nathan R. Rossetti	Public Safety Officer
Kate M. Roy	Associate Director of Athletics & Compliance Coordinator
Stephen P. Roy	Custodian
Jason R. Ryan	Assistant Chief Technology Officer
Tara-jean Samora	Cataloger
Mary E. Schlesinger	Custodial Supervisor
Tracy W. Sherbrook	Assistant to the Academic Dean
Deborah M. Sherwood	Custodian

Kirsten A. Simpson	Staff Accountant
Robert E. Stowell	Public Safety Officer, pt
Tina M. Stowell	Custodian
Jamie A. Struck	Adventure Program Coordinator
Rhonda M. Trucott	Mailroom/Copyroom Supervisor
Mark H. Tucker	Assistant LAN/System Administrator
Christopher T. Ummer	Director of Athletics
Nora A. Vasquez	Assistant Director of Admissions/Transfer Coordinator
Thomas M. White	Admissions Athletic Liaison/Men's Baseball Coach
C. Richard Williams	Director of Upward Bound
Amy L. Wright	Director of Career Services
Mary K. Yackley	Staff Assistant, ECVLC
Aaron E. Young	Director of Technical Services/Video Broadcast Technician

Board of Trustees of the Vermont State Colleges

Peter Shumlin, <i>Ex Officio</i>	Governor, State of VT
Jerry Diamond	Montpelier
Lynn Dickinson, Rep.	St. Albans
Morgan Easton	Student Representative
Kraig Hannum	Dorset
J. Churchill Hinds	Colchester
Tim Jerman, <i>Vice Chair</i>	Essex Junction
Bill Lippert, Jr., Rep.	Hinesburg
Karen Luneau, <i>Treasurer</i>	St. Albans
Chris Macfarlane	Essex Junction
Jim Masland, Rep.	Thetford Center
Linda Milne, <i>Secretary</i>	Montpelier
Martha O'Connor, <i>Chair</i>	Brattleboro

Michael Pieciak

Winooski

Aly Richards

Montpelier

Past Lyndon Presidents

* Ms. Rita L. Bole	(1927-1955)
* Ms. Florence E. Drew	(1935-1936, Acting)
* Mr. Arthur B. Elliott	(1955-1959)
* Ms. Susan C. Gallagher	(1958-1959, Acting)
* Dr. Robert E. Long	(1959-1970)
* Dr. A. John Holden, Jr.	(1970-1971, Acting)
* Dr. H. Franklin Irwin, Jr.	(1971-1975)
Dr. Edward I. Stevens	(1975-1977)
* Dr. Janet G. Murphy	(1977-1983)
Dr. Clive C. Veri	(1983-1989)
Dr. Margaret R. Williams	(1989-1997)
* Dr. Robert A. Burnham	(1997-1998, Interim)
Dr. Carol A. Moore	(1998-2011)
Mr. Steven M. Gold	(2011-2012, Interim)
Dr. Joseph A. Bertolino	(2012-2016)

*Deceased

Academic Calendar

Academic Calendar 2016-2017

Monday, August 22, 2016	First Day of Classes
Monday, September 5, 2016	Labor Day - No Classes
Friday September 16, 2016	Major Activities Day
Friday September 23, 2016	Homecoming & Family Weekend (9/23-9/25)

Monday, October 3, 2016	Fall Break (10/3-10/7)
Monday, November 21, 2016	Thanksgiving Break (11/21-11/25)
Friday, December 9, 2016	Last Day of Classes
Monday, December 12, 2016	Final Examinations (12/12-12/15)
Tuesday, January 17, 2017	First Day of Classes
Monday, February 27, 2017	Winter Break (2/27-3/3)
Monday, April 3, 2017	Spring Break (4/3-4/7)
Friday, May 5, 2017	Last Day of Classes
Monday, May 8, 2017	Final Examinations (5/8-5/11)
Sunday, May 14, 2017	Commencement
Monday, May 15, 2017	Professional Development Day (faculty work day)

General Education Unit

General Education

Taught by faculty from across the college

Program Mission Statement

General education at Lyndon prepares all students to respond responsibly, productively, and creatively to a complex and changing world that is characterized by rapidly evolving careers and communities. Statistics show that college graduates today are likely to face at least four significant career changes before retirement, regardless of major. Lyndon's general education responds to this challenge in two ways. First, the general education program provides focused practice in the foundational skills required for all career paths: critical thinking, writing, reading, communication, information literacy, and quantitative reasoning. Second, general education provides a framework of content, thought, and inquiry designed to help every student succeed personally and professionally in today's global society.

Program Goals

Students completing the General Education program at Lyndon will demonstrate

- An enhanced ability to engage in the foundational skills of critical thinking, reading, and writing, communication, and quantitative reasoning.
- Knowledge and skills that will prepare students for work and citizenship in a rapidly changing global society.

Program Learning Outcomes

- Students will demonstrate an awareness of fundamental factors influencing human individual and social behaviors.
- Students will practice critical interpretation and analysis of past and present human written expression.
- Students will demonstrate aesthetic appreciation for, understanding of, and/or the creation or performance of original works of art.
- Students will demonstrate basic attitudes and skills that enable them to work productively, profitably, and with sensitivity across a wide range of cultural boundaries.
- Students will identify and analyze change across time, either within their own discipline or across broad human endeavors.
- Students will demonstrate a fundamental awareness of the complexities and interconnectedness of the economic and political realms in which citizens function at both the local and global level.
- Students will apply the concept of sustainability in critically examining social, ethical, environmental, and/or scientific issues related to the use of earth's natural resources.
- Students will practice scientific and empirical reasoning and relate scientific concepts, facts, and theories to problems of wide concern.

Program Assessment

The general education program is assessed systematically through procedures that align with individual graduation standards assessment at the College (see the section on Graduation Standards for more information) and ensure continuous program improvement. Foundational skills are assessed in lower-level courses using the College's graduation standards rubrics as well as a rubric for critical thinking; general education learning outcomes are assessed with rubrics developed for each of the outcome-defined categories of knowledge and skills defined by the program goals. Analysis of assessment data from rubrics creates an ongoing cycle of program and course refinement that will lead Lyndon students to success.

Program Guidelines

Students who transfer into Lyndon State College with 60 or more college credits may choose to waive the course INT 2040.

When a student is completing the General Education requirements:

- They may count no more than 2 courses in their home department in the 8 categories of the General Education.
- They may count no more than 2 courses in the same course designator in the 8 categories.

The list of courses in the eight categories may change each year, and the most recent list is the one to which students should adhere, regardless of their catalog year.

General Education Distribution (25 - 27 credits; one course from each outcome-based category):

Category: SELF AND SOCIAL INTERACTIONS (designated by LGSS1 in the course descriptions and course schedule)

BUS 2230 Principles of Marketing

BUS 3350 Innovation, Creativity, & Entrepreneurship

CRJ 1010 Introduction to Criminal Justice

CRJ 2050 Criminology

EJA 1010 Introduction to Media Communications

ENG 1280 Fundamentals of Public Speaking

ENG 2085 PR, Advertising & Marketing

ENG 3025 Media & Society

MRM 1080 Leadership and Small Group Dynamics

PHI 1050 Ethical Practice

PHI 1060 Logic & Creative Thinking

PSY 1010 Introduction to Psychology

PSY 1050 Human Growth & Development

PSY 2120 Human Sexuality

PSY 3210 Perspectives on Death and Dying

SOC 1010 Introduction to Sociology

SOC 2220 Family in Society

Category: THE HUMAN EXPERIENCE: WRITTEN LANGUAGE (designated by LGWL2 in the course descriptions and course schedule)

ENG 1310 Intro to Literature

ENG 2250 Critical Approaches

ENG 2290 Survey of British Literature & Culture

ENG 2325 Survey of American Literature & Culture

ENG 2535 Genre Survey

ENG 2545 Literature & Culture Survey

ENG 3385 Genre Seminar

ENG 3545 Literature & Culture Seminar
ENG 4750 Senior Seminar
FLM 4010 Theory of Cinema

PHI 2050 Nature, Science, & Technology
PHI 2090 Popular Culture and Philosophy
PHI 3065 Philosophy of Film & Television

PHI 3140 Art Theory & Criticism
THA 1040 Interpreting Contemporary Dramatic Literature
THA 2080 Theatre Arts in the Dramatic Format

Category: THE HUMAN EXPERIENCE: ART AND DESIGN (designated by LGAD3 in the course descriptions and course schedule)

ART 1011 Drawing I
ART 1015 Art Foundations
ART 1410 Digital Photography
ART 2030 Decorative Arts

ART 2055 Onsite Sketching
ART 2115 Digital Arts
ART 2121 Calligraphy
ART 2241 Painting I
ART 2251 Sculpture I
ART 2301 Photography I
ART 3060 Book Arts

ART 3210 Puppetry

CIN 1060 Cinema Production I

DES 2030 Fundamentals of Web Design
ENG 2130 Intro to Writing Poetry
ENG 2140 Intro to Writing Fiction
ENG 2155 Multimedia Storytelling

ENG 3010 Advanced Composition & Rhetoric
ENG 3110 Creative Writing Workshop
FLM 1055 Film Analysis and Appreciation
FLM 3010 Auteur Filmmakers Seminar

FLM 3320 Film & Culture Seminar
FLM 3610 Film Studies Seminar
MUS 1030 Music Fundamentals
MUS 1041 Class Piano I
MUS 1042 Class Piano II
MUS 1231 Music Theory I
MUS 2070 Basic Songwriting
MUS 2340 Class Instruction in Voice
MUS 2341 Class Guitar I
THA 1041 Introduction to Theatre
THA 2121 Acting I
THA 3211 Directing I

Category: CROSS CULTURAL AWARENESS (designated by LGCC4 in the course descriptions and course schedule)

ANT 1030 Introduction to Anthropology

ANT 3010 Native Societies of America

ANT 3030 Comparative Cultures

ANT 3060 Ethnocuisine

ANT 3310 Myth, Magic, and Religion

ENG 2390 World Literature

ENG 2540 Global English:Forms, Roles, and Issues

FRE 1111 French I

FRE 1112 Intermediate French

HIS 1020 Comparative Civilizations

HIS 2330 Traditional Asia

HIS 3530 Modern East and South-East Asia

HIS 3540 Modern South Asia

HIS 3550 The Islamic World

PSY 3090 Lifespan Across Cultures

MUS 2280 Drumming Across Cultures

MUS 3330 Worlds of Music

MUS 3350 Music of the Americas

RUS 1011 Russian I

RUS 1012 Russian II

RUS 2010 Mystery of Russian Soul & Culture

SSC 3820 Global Studies Fieldwork (*must take at least 3 credits)

SPA 1011 Spanish I

SPA 1012 Spanish II

Category: PERSPECTIVES ON THE PAST (designated by LGPP5 in the course descriptions and course schedule)

ARH 2011 Survey of Western Art I

ARH 2012 Survey of Western Art II

ARH 2070 History of Photography

EJA 2160 History of Journalism

FLM 2015 History of Cinema I

FLM 2025 History of Cinema II

HIS 1011 Western Civilization I

HIS 1211 American History I

HIS 1212 American History II

HIS 2240 Survey of Eurasia

HIS 3056 Race in America

HIS 3155 Sports in American History

HIS 3165 Vermont History

HIS 3280 History of American Recording Industry

HIS 3310 18th-19th centuries Europe

HIS 3330 Europe since 1914

HIS 3440 Modern Russia
MAT 3010 History of Mathematics
PSY 4120 History of Psychology
SCI 4010 History of Science

SCI 4110 History of Agriculture

Category: GOVERNMENT AND ECONOMICS (designated by LGGE6 in the course descriptions and course schedule)

ANT 3070 Ecotourism

BUS 2015 Fundamentals of Management in Business

BUS 2080 Organization Behavior and Communication

BUS 2140 Personal Finance

BUS 3240 International Business

CRJ 2010 Law Enforcement in America

CRJ 2020 American Judicial Process

CRJ 2510 Criminal Law

CRJ 3210 Punishment and Corrections

ECO 2060 Survey of Economics

MRM 1010 Leisure and Society

PHI 3010 Political Philosophy

POS 1010 Introduction to Political Science

POS 1020 American Politics and Government

POS 1030 Comparative Governments

POS 2040 International Relations

POS 3060 Vermont Politics

Category: NATURAL RESOURCES AND SUSTAINABILITY (designated by LGNR7 in the course descriptions and course schedule)

ATM 2210 Geophysical and Human Interactions

BIO 4320 Sustainable Food Systems I

CHE 2020 Introduction to Environmental Chemistry

CRJ 2220 Environmental Justice

GEO 1010 Introduction to Geography

ENV-1080 Introduction to Environmental Science

ENV 2040 Introduction to Environmental Restoration

ENV 2060 Energy, Environment, and Society

ENV 2090 Sustainable Living

MRM 2130 Wilderness Mind

SCI 1030 The Life, Earth, and Physical Sciences

SCI 1070 Food for Thought

Category: SCIENTIFIC AND EMPIRICAL REASONING (designated by LGSE8 in the course descriptions and course schedule)

ATM 1010 Elementary Meteorology

ATM 1030 Elementary Oceanography

ATM 1020 Elementary Climatology

BIO 1210 Introduction to Biology

BIO 1211 Introduction to Biology: Ecology and Evolution

BIO 1212 Introduction to Biology: Cells and Genetic Basis
BIO 2011 Human Anatomy and Physiology I
CHE 1023 Outline of General Chemistry
CHE 1031 General Chemistry I

GEY 1111 Geology I
GEY 2112 Introduction to Geology II
PHY 2010 Introduction to Electricity and Electronics
PHY 2031 Fundamentals of Physics I
PHY 2061 Classical Physics I
XSC 2050 Human Gross Anatomy

Associate of Applied Science

Total required credits for program - 67

This program is unique because it was designed as a template in which to incorporate technical/professional training within the framework of an associate's degree. This program was created to expand Lyndon's ability "to prepare every student." Specifically, this associate's program responds to Lyndon's Strategic Plan to serve the workforce education needs of the NEK. This program also responds to the VSC strategic plan, specifically providing workforce education for our regional community and the state.

The degree is designed to meet the educational needs in multiple technical/professional fields, e.g., Computer Numerical Control (CNC) training, medical records, banking, etc. The degree requires 28 credits of General Education, electives, and a flexible number of professional credits (depending on the scope of the professional training required by the organization/technical area). In this degree, the college partners with different organizations, e.g., VTC, VMEC, North Country Career Center, St. Johnsbury Academy, American Banking Association, etc. These organizations provide the technical/professional training, which is independently evaluated to ensure that college-level learning outcomes are met. Thus, the professional education/training components will not be delivered through standard coursework at Lyndon.

General Education: (28 credits)

These requirements may also be satisfied by LSC placement exams, CLEPS, Advanced Placements exams, suitable transfer credit, or departmental waivers. Departmental waivers given as a result of exam or for prior knowledge do not grant credit toward graduation.

English: (6 Credits)

Mathematics: (6 credits)

Choose courses from the following list totaling 6 credits. At least one of these courses must have a MAT designation, unless MAT 1020, Intermediate Algebra, is waived by placement test score. Students waiving Precalculus by placement test score are exempted from the GEU Mathematics requirement altogether. Make your choice keeping in mind requirements for your major and prerequisites for classes you plan to take in the future.

- MAT 1020 - Intermediate Algebra Credits: 3
Advised Term 1st/2nd Year
- MAT 1060 - Problem Solving with Mathematics Credits: 3

- Advised Term 1st/2nd Year
- MAT 1221 - Finite Mathematics Credits: 3
Advised Term 1st/2nd Year
- MAT 1410 - Pre-Calculus Credits: 5
Advised Term 1st/2nd Year
- MAT 2010 - Number Systems Credits: 3
Advised Term 1st/2nd Year
- MAT 2021 - Statistics Credits: 3
Advised Term 1st/2nd Year
- CIS 1090 - Problem Solving with Computers Credits: 3
Advised Term 1st/2nd Year
- CIS 2060 - Programming with FORTRAN Credits: 3
Advised Term 1st/2nd Year
- CIS 2271 - Java Programming Credits: 3
Advised Term 1st/2nd Year
3 Credits for Mathematics May Be Chosen From:
- CIS 1050 - Computer Operation Systems and Spreadsheets Credits: 1
Advised Term 1st/2nd Year
- CIS 1060 - Introduction to Databases Credits: 1
Advised Term 1st/2nd Year
- CIS 1065 - Introduction to Programming Logic Credits: 1
Advised Term 1st/2nd Year

Social Science: (6 Credits)

- PSY 1010 - Introduction to Psychology Credits: 3
Advised Term 1st/2nd Year
- SOC 1010 - Introduction to Sociology Credits: 3
Advised Term 1st/2nd Year

Lab Science: (4 Credits)

Take 1 lab science (4 credits) from the General Education list of distribution courses in Natural Resources and Sustainability or Scientific and Empirical Reasoning.

Humanities: (3 Credits)

Take 3 credits from the General Education distribution list of courses in English, History, Humanities or Philosophy.

Arts: (3 Credits)

Take 3 credits from the General Education distribution list of courses in Art, Music, or Theater.

Professional Courses: (30 - 39 Credits)

Professional Studies Component - assessment by ETES - 21 to 30 credits.

- BUS 2015 - Fundamentals of Management in Business Credits: 3

Advised Term 1st/2nd Year

- BUS 1210 - Introduction to Business Software and Information Systems Credits: 3
Advised Term 1st/2nd Year

Guided Electives: (Up To 9 Credits)

Students must complete up to 9 credits of additional course work (e.g., Business, Mathematics/Computer Science, or advisor approved area of study).

General Education Unit

Minimum 40 credits, required of all baccalaureate programs.

General Education Foundation (15 credits)

These requirements may also be satisfied by LSC placement exams, CLEP, Advanced Placement exams, suitable transfer credit, or departmental waivers. Departmental waivers given as a result of exam or for prior knowledge do not grant credit toward graduation.

- INT 2040 - Critical Thinking, Reading, and Writing Credits: 3
Advised Term 2nd Year

English (6 credits)

- ENG 1081 - Writing and Reading Strategies for College Credits: 3
Advised Term 1st Year
- ENG 1082 - Academic Inquiry Credits: 3
Advised Term 1st Year

Mathematics (At Least 6 Credits)

Choose courses from the following list totaling 6 credits. At least one of these courses must have an MAT designation, unless MAT-1020, Intermediate Algebra, is waived by placement test score. Students waiving MAT-1410 Precalculus by placement test score are exempted from the GEU Mathematics requirement altogether. Make your choice keeping in mind requirements for your major and prerequisites for classes you plan to take in the future.

- CIS 1090 - Problem Solving with Computers Credits: 3
Advised Term 1st/2nd year
- CIS 2060 - Programming with FORTRAN Credits: 3
Advised Term 1st/2nd year
- CIS 2271 - Java Programming Credits: 3
Advised Term 1st/2nd year
- MAT 1020 - Intermediate Algebra Credits: 3
Advised Term 1st/2nd year
- MAT 1060 - Problem Solving with Mathematics Credits: 3
Advised Term 1st/2nd year
- MAT 1221 - Finite Mathematics Credits: 3
Advised Term 1st/2nd year

- MAT 1410 - Pre-Calculus Credits: 5
Advised Term 1st/2nd year
- MAT 2010 - Number Systems Credits: 3
Advised Term 1st/2nd year
- MAT 2021 - Statistics Credits: 3
Advised Term 1st/2nd year

3 Credits for Mathematics May Be Chosen From

- CIS 1050 - Computer Operation Systems and Spreadsheets Credits: 1
Advised Term 1st/2nd year
- CIS 1060 - Introduction to Databases Credits: 1
Advised Term 1st/2nd year
- CIS 1065 - Introduction to Programming Logic Credits: 1
Advised Term 1st/2nd Year

General Education Distribution (25 - 27 credits)

One course from each outcome-based category:

Self and Social Interactions: One 3 credit course [LGSS1] Credits: 3

The Human Experience: Written Language: One 3 credit course [LGWL2] Credits: 3

The Human Experience: Arts and Design: One 3 credit course [LGAD3] Credits: 3

Cross Cultural Awareness: One 3 credit course [LGCC4] Credits: 3

Perspectives on the Past: One 3 credit course [LGPP5] Credits: 3

Government and Economics: One 3 credit course [LGGE6] Credits: 3

Natural Resources and Sustainability: One 3 - 4 credit course [LGNR7] Credits: 3 - 4

Scientific and Empirical Reasoning: One 3 - 4 credit course [LGSE8] Credits: 3 - 4

Note: the **General Education requirements for an Associate of Science and/or an Associate of Art degree** includes the General Education Foundation courses (less one Mathematics requirement and INT 2040), program specific courses, and one from each of the following four categories:

One course from either the Self and Social Interaction (LGSS1) or the Cross Cultural Awareness (LGCC4) General Education distribution categories

One from either the Human Experience: Written Language (LGWL2) or the Human Experience: Art and Design (LGAD3) General Education distribution categories

One from either the Perspectives on the Past (LGPP5) or the Government and Economics (LGGE6) General Education distribution categories

One from either the Natural Resources and Sustainability (LGNR7) or the Scientific and Empirical Reasoning (LGSE8) General Education distribution categories

Minimum Credits for the AA/AS GEU requirements: 34 Credits

Unrestricted Electives

Credits that are not required in major programs or the GEU.