

# Undergraduate Catalog

2007-08



**Castleton**  
A V E R M O N T S T A T E C O L L E G E

Castleton, Vermont 05735  
[www.castleton.edu](http://www.castleton.edu)

Castleton State College is accredited by the  
New England Association of Schools and Colleges.

### **Editor's Note**

Castleton prepares this catalog with the student in mind. While not a contract per se, this catalog, in combination with subsequent catalogs, each semester's *Course Bulletin*, the *Student Handbook*, and special announcements, identifies the expectations for a student to earn the distinction of being a Castleton State College graduate. Careful and thorough reading will allow the completion of requirements with few, if any, misunderstandings.

Castleton State College reserves the right to make changes in the course offerings, degree requirements, charges, regulations, and procedures contained herein as educational and financial considerations require.

### **Nondiscrimination Statement**

Every member of Castleton State College should work to ensure non-discriminatory processes and practices with faculty, staff, and students. Qualified students are recruited for, admitted to, and participate in all college programs without discrimination on the basis of race, color, gender, sexual orientation, religion, creed, national origin, age, veteran status, or disability. The college will provide reasonable accommodations to create equal opportunity for students with known disabilities. Faculty, administrators, and staff are employed without discrimination on the basis of race, color, gender, sexual orientation, religion, creed, national origin, age, veteran status, or disability unrelated to job requirements. The college will make reasonable accommodations to the known disability of an otherwise qualified applicant or employee. Additionally, the college will engage in affirmative efforts to recruit, admit, and support students, and to recruit, employ, and support employees, in order to achieve the diversity that advances the educational mission.

Castleton State College complies with state and federal laws related to equal opportunity and non-discrimination. Any questions or complaints about potential or perceived discrimination in violation of any state or federal law should be directed to Lyn Sawyer, Equal Opportunity Officer, Woodruff Hall, 802-468-1208; or the Vermont State Colleges Office of the Chancellor in Waterbury; or the Vermont Office of the Attorney General; or the Equal Opportunity Employment Commission in Washington, D.C. Please contact the Equal Opportunity Officer if auxiliary aid or service is needed to apply for admission or employment.



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## Location

Castleton is located in an area that has long been recognized for its beauty, unique character, and recreational resources. The natural environment of Vermont blends easily with the educational environment of Castleton to create the setting for a unique living and learning experience.

The college's 160-acre campus is situated in the village of Castleton. One of Vermont's largest cities, Rutland, lies 12 miles to the east; New York State is six miles to the west. Montreal, Boston, Hartford, Albany, and New York City are all within easy driving distance on major highways and are accessible by air, bus, and/or train service.



## History

Castleton State College's roots go back to October 15, 1787, when the General Assembly of the State of Vermont chartered the Rutland County Grammar School in the village of Castleton. In early America a grammar school was the first step in higher education, a link between the local common schools and the few colleges in New England. Of institutions that are colleges today, Castleton is the oldest in Vermont and the 18th oldest in the nation.

The village of Castleton was an intellectual center. The first medical college in Vermont was founded here in 1818 and lasted until 1862. In that time the school conferred some 1400 medical degrees, more than any other New England medical school. Students came from throughout the United States, from Canada, and from distant lands including France, Cuba, Ireland, and Brazil. At least two African-Americans graduated and went on to distinguished careers.

Throughout the 19th century, the school in Castleton evolved and changed names to meet the needs of society. In 1829 the cornerstone of the historic Old Seminary building was laid by Solomon Foot, principal of the Classical High School and later president *pro tempore* of the U.S. Senate during the Civil War, and Colonel Noah Lee, an early settler who had been with Ethan Allen at the capture of Fort Ticonderoga. In the 1860s, Harriet Haskell, later a nationally known feminist, served as Castleton's first woman principal.

In 1867 the State Normal School was founded in Castleton. For a few years it was housed entirely in the old Medical College building and shared faculty with the Castleton Seminary before that school closed. Normal school is a term based on the French *école normale*, a school to educate teachers. For 30 years the Normal School was privately owned by the Leavenworths, Abel and son Philip. In 1912 the State of Vermont purchased the property.



Castleton entered a Golden Age in the 1920s and 1930s under the leadership of Principal Caroline Woodruff. She helped save the school after the Old Seminary building burned in January 1924. Quoting the Old Testament's book of Haggai, she promised, "And the glory of the latter house shall be greater than that of the former." Woodruff modernized the curriculum, hired excellent staff, and exposed her students to the wider world through

guest speakers that included Robert Frost, Helen Keller, and Norman Rockwell. A friend of Eleanor and Franklin Roosevelt, she was the first woman and still





the only Vermonter to be president of the National Education Association.

In 1947 the Normal School became Castleton Teachers College. With increased enrollment from men, intercollegiate athletics began in the 1950s, and by the early-1960s Castleton was a national power in small college men's soccer.

In 1962 Castleton became a state college and a member of the newly formed Vermont State Colleges. Castleton grew dramatically during the decade of the Sixties in enrollment and in construction of buildings. A generation of faculty educated at major universities brought new perspectives to the classroom. Many academic programs were added to meet the changing needs of students and of society.

Today Castleton has a total enrollment of over 1700 students. There were more new students at Castleton in the

fall of 2003 than in any previous year. The college offers more than 30 undergraduate programs as well as master's degrees in education and forensic psychology. First-year students benefit from the First-Year Seminar program and Soundings, which offers the best in music, drama, dance, and contemporary thought for the campus. The college is deeply involved in the region through community service efforts and internships and through its education, social work, and nursing programs.

Although so much has changed in 215 years, Castleton retains its historic commitment to students and to Vermont.

### **Mission**

Castleton, the 18<sup>th</sup> oldest institution of higher education in the United States, emphasizes undergraduate liberal arts and professional education while also offering selected graduate programs.

The College is dedicated to the intellectual and personal growth of students through excellence in teaching, close student-faculty interaction, numerous opportunities for outside the classroom learning, and an active and supportive campus community. Castleton prepares its graduates for meaningful careers, further academic pursuits, and productive citizenship.

As a member of the Vermont State Colleges, Castleton extends its resources to the community and supports efforts to improve the region's institutions, organizations, and businesses.

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# The Academic Experience

Castleton provides an academic experience that draws from two of the college's greatest strengths. On the one hand, students can enjoy the benefits of small classes in a rural setting and Castleton's two hundred years of tradition. On the other hand, they can profit from contact with highly qualified faculty who are strongly encouraged to develop their teaching skills and research interests. These attributes of the institution receive support from fine academic facilities, particularly an excellent Information Technology Services Center whose growth in recent years in quality and quantity of hardware and software is matched by student and faculty interest.

These ingredients, combined with a diverse population of in-state and out-of-state students, provide variety and challenge for all on a very personal level.

## Faculty and Curriculum

### College Faculty

Castleton is primarily a teaching institution whose faculty is dedicated to the pre-eminence of student learning in the life of the college. Castleton faculty comprise a community of scholar-teachers whose academic and artistic endeavors enlarge and enrich the lives of their students, their colleagues, and the college. Ninety-four percent of the faculty hold doctoral or appropriate terminal degrees in their field of academic specialty. Excellence in teaching requires that professors continue to learn to reexamine established canons of thought and belief, and to expand the frontiers of knowledge through continued study, scholarship, and research. The chief beneficiary of faculty scholarship is the Castleton student, whose classroom experience is heightened by the shared excitement of the professor's own pursuit of knowledge.

### Curriculum

The curriculum of Castleton State College is designed to provide students both with a solid foundation in the liberal arts and with preparation for selected careers and professions.

To accomplish these goals, Castleton insists that students fulfill general education requirements as well as the specific requirements of the major or pre-professional program chosen. The general education requirements provide the common base of knowledge and skills expected of college graduates as well as a sampling of various academic subjects, which have been chosen to broaden the student's knowledge and understanding.

Each candidate for a bachelor's degree must successfully complete a total program of at least 122 credits, which are ordinarily earned in eight semesters. Each candidate for an associate's degree must successfully complete a total program of at least 64 credits, which is usually accomplished in two years. Additional time might be required to meet degree requirements depending on individual student needs. All degrees require a minimum Grade Point Average (GPA) of 2.0 for course work done in the Vermont State Colleges. Some programs, including those leading to licensure in teaching, require a higher GPA.

**First-Year Seminar**

First-year and transfer students with less than 12 previously earned credits, from an accredited college, are required to enroll in a course designated as a First-Year Seminar. These seminars are specially designed courses that emphasize the development of academic skills and the integration of the student into the college community. In conjunction with Common Hour and Soundings, First-Year Seminars will assist new students with the transition to college life by providing opportunities for academic, social, and personal development. Students' first-year instructors also act as their academic advisor during their first year at Castleton.

Some seminars are linked to a second companion course, forming a cohort. Students signing up for these seminars will automatically enroll in two courses: the FYS and its cohort or partner. Linking courses is a way to explore a theme across academic disciplines and examine a topic from different perspectives.

All First-Year Seminar students participate in a recycling project as part of the first-year experience. Castleton is committed to civic engagement, and to developing students into "productive citizens." We see democracy as tradition of everyday politics where citizens share in the productive, ongoing public work of building a community and solving common problems. In the first semester, as a member of a new community, that of Castleton State College, students are asked to help solve an environmental problem affecting all of us through participation in our Green Campus Initiative.

**Academic Advising**

The Associate Academic Dean's office will assign students a faculty advisor prior to the start of their first semester at Castleton. First-year seminar instructors advise all students who are enrolled in the first-year seminar. The primary role of the advisor is to assist students in program planning and course selection. Students must see their advisors before registration each semester to obtain approval of their course schedule. Students with two majors will be assigned an advisor for each and will need each advisor's approval prior to registration.

Students are encouraged to meet with their advisors frequently, not only for help in designing their degree programs, but also for consultation on academic matters and career goals. Advisors can also provide valuable suggestions on how to make the most, intellectually and educationally, of one's Castleton years. While students should take advantage of the "drop-in" office hours that faculty maintain and post, typically on their office doors, it is prudent to schedule, in advance, periodic appointments with the advisor for thoughtful and thorough planning. Students may change advisors by completing a Change of Advisor form, which can be obtained at the Student Services Center.

Finally, while Castleton endeavors to make high quality academic advising available to students, the primary and ultimate responsibility for meeting degree and program requirements rests with the individual student.



### **Pre-professional Advising**

Castleton students who hope, upon graduation, to enroll in professional schools of engineering, law, medicine, dentistry, chiropractic medicine, osteopathic medicine, pharmacy, or veterinary medicine may receive special guidance to increase their chances of being successful candidates. A Pre-Professional Advising Committee in the Natural Sciences department provides assistance to students interested in medically related fields, has material on requirements for admission to various schools, and can assist in designing an appropriate bachelor's degree program. Students should contact the committee, early, through the department chair. Students interested in engineering should contact the Mathematics or Natural Sciences department. Students can obtain additional information about specific entrance exams at the Career Development Office in the Campus Center.

Students seeking preparation for law school should consult the Pre-Law Advisor. Castleton recommends that such students choose a major, which is either in the humanities or social sciences. While Castleton cannot guarantee admission to a law school, it is the goal of the Pre-Law Advising program to prepare students to compete successfully with the graduates of other collegiate institutions for law school admission. Students should contact the pre-law advisor, early, through the chair of the Sociology, Social Work, and Criminal Justice Department or the chair of the History, Geography, Economics and Politics Department.

### **Academic Skills Program**

The Academic Skills Program is dedicated to the development of essential college level skills. New students will be required to take an English placement test prior to their first registration for courses. Where deficiencies exist, students will be required to enroll in and pass both ENG 0040 and ENG 1010. The description of this course can be found in the Courses of Study section of the Catalog under the appropriate departmental heading. Credits for ENG 0040 do not count toward diploma requirements. Students will receive additional information regarding academic skills testing with their registration material.

### **Choosing a Major**

Many, but not all students, enter college with a clear idea about the subjects in which they want to major. Students in most bachelor's degree programs need not be overly concerned about being "undecided." This often allows for an extremely valuable period of sampling from a wide variety of disciplines never previously studied. However, students pursuing the bachelor's degree should investigate the requirements of their prospective major(s) upon admission to Castleton.

Bachelor's degree students should declare a major by the time they complete 60 credit hours. Associate's degree students should choose an academic concentration or major as soon as possible after enrollment. Delay in selecting a major may extend the time required to complete the degree.

All undergraduate students select a major by filing a Declaration of Undergraduate Academic Program form (DUAP), which can be obtained from the Student Services Center.

Castleton encourages transfer students to meet with their advisors soon after enrolling so that program planning can begin at once.

Admission to the Computer Information Systems degree program, Education Department licensure programs, the Nursing degree program, student teaching in the Physical Education major, the Psychology Bachelor of Arts degree program, the Social Work degree program, and various honors programs require departmental acceptance. Students should consult the departmental program requirements for details and complete an Academic Program Approval form as soon as they are qualified to do so.

### **Minors**

A minor is a grouping of courses comprising a secondary field of study. Minors require course work totaling 18 to 24 credits as defined by the department. Students may declare their intention to pursue a minor by filing a DUAP with the Student Services Center. Minors are listed in the Academic Programs section of this catalog. Minors are an effective way by which students may pursue a secondary interest and broaden their academic background.

### **Support Services**

Help is available for students who desire special assistance in developing effective study skills or competencies in reading and/or basic mathematics. In addition, students experiencing academic problems in virtually any course can obtain free tutorial help. For information on special courses, support services, and tutoring, students may contact the Castleton Academic Support Center, their academic advisor, or an academic dean.

### **The Calvin Coolidge Library**

The library is central to the intellectual and cultural life of the College. It provides information and services to the academic community in support of teaching and research. The collection contains over 500,000 items in a variety of formats. The library is a selective U.S. Government Documents Depository, providing access to federal information for all of southern Vermont. Library electronic systems take advantage of full internet access and a wireless network to provide researchers with opportunities to use a rapidly expanding variety of resources. For material not held in the Castleton Library, interlibrary loan service is generally fast and efficient. Librarians regularly offer instruction in research methods and tools in introductory and upper-level courses.

Castleton is a member of the New England Library Information Network (NELINET) and Online Catalog Library Center (OCLC). Notably, the library has an integrated online system that is networked with other libraries in the state and region. The library homepage is available at <http://www.castleton.edu/library>. The library's home page also serves as gateway to a number of subscription databases, many of which include full text for cited articles.

Students have access to a variety of media and media services. Students may borrow videos and DVDs, but may also view them in the library in individual viewing carrels, or in a group study room. The campus Media Center provides videotaping/editing equip-

ment and instruction, and helps students use various media-including data projectors, laptops, and digital cameras-to create professional quality presentations.

The present library building was constructed in 1965 with a major addition doubling its size in 1979. Approximately 260 readers can be accommodated in individual or group seating, carrels and conference areas. The library also houses the Student Gallery and Lounge, the Vermont Room and the College Archives.

### **Information Technology Services**

Castleton students have access to approximately 165 computers in various locations on campus. The largest collections include 70 computers (Windows and Macintosh) in the Academic Computing Center (ACC) lab and lab classrooms, and 20 Windows computers in a Woodruff Hall lab classroom. All computer labs have Internet access.

The ACC, located in the Stafford Academic Center, is open 87 hours per week during the academic year. Various software applications include: word processing, spreadsheets, databases, several programming languages, desktop publishing, drawing, web browsers, electronic mail, and many other course specific software applications. Whenever school is in session, student monitors are available in the ACC to answer questions.

## **Special Academic Programs**

### **Opportunities for Study Abroad**

Castleton encourages study abroad as a wonderful way to understand the world and our place in it. Student travelers are expected to have a 2.5 GPA and they must be in good standing as outlined by the "Code of Conduct" in the *Student Handbook*.

**London Spring Semester:** Castleton offers a Semester in London in the spring of even-numbered years. Castleton faculty accompany students to London and teach 15 credits of course work including a 4 credit course in the British culture and a 3 credit course in British Theatre. Information about costs, course offerings and travel/housing arrangements can be obtained in the office of the Academic Dean.

**Costa Rica Summer:** The 6-week summer program in Costa Rica is a joint Geology/Spanish program offered in odd-numbered years. Students earn 4 credits by studying Costa Rican geology during the first two weeks and can earn an additional 6 credits in Spanish if they elect to remain in Costa Rica for an additional four weeks. Students live with a local family and study Spanish language and culture.

**Short Travel Courses:** Travel courses of shorter duration (10 to 14 days) are offered with some frequency. These courses are listed in the semester course schedule and on our web site. Course listings include fees to cover the cost of travel. For examples of the kinds of courses that have been offered, see <http://www.castleton.edu/travel>

**Independent Study Abroad:** The Spanish major requires all students to spend at least one semester abroad, arranged in consultation with faculty in the Spanish program. Students wishing to participate in non-Castleton programs abroad should get pre-approval for course work to ensure that credits will transfer into Castleton. These experiences qualify as Independent Foreign Study.

## **Individualized Educational Experiences**

Recognizing the educational value of activities and studies other than traditional course work, Castleton provides opportunities for individualized learning through Internships, Field Experience, Independent Foreign Study, Independent Study, and Tutorial Study.

### **Internships**

Internships provide positions of responsibility for the student in a professional environment under the supervision of an on-site professional and a faculty member. Students are placed with participating employers for work terms during which they may earn up to 12 academic credits per semester in addition to acquiring on-site experience. While internships may be either on- or off-campus experiences, they are generally characterized by an independent design and the integration of classroom work with practical experience. Internships should include critical and reflective components.

An internship is designed to introduce the student to the opportunities, duties, and responsibilities of personal career objectives through an experience collaboratively planned by the student, academic department, the employer, and the Robert E. Stafford Center for the Support and Study of the Community. Thus the student not only is made aware of the potential of a chosen career but also becomes more acutely sensitive to the value of, and the necessity for, their academic studies.

Internship work locations may include distant sites to more fully satisfy student requirements and preferences. While all internships carry academic credits, some internship roles also provide financial remuneration.

While the departments may enforce more stringent acceptance standards, Castleton requires as minimum qualifications:

1. Students must be in good academic standing at Castleton to participate in an internship.
2. Students must have completed 12 credits at Castleton State College.
3. Students must be matriculated prior to applying for an internship.
4. The Internship Contract form requires approval of the Castleton faculty supervisor, the on-site supervisor, and the director of internships and community service.

The department awarding credit determines specific prerequisites for internships.

5. Internships may be taken either on a pass/no pass basis or for a grade.

The following guideline identifies the general number of internship hours expected for a specified credit award:

40 hours per week for 14 weeks = 12 credits

30 hours per week for 14 weeks = 9 credits

20 hours per week for 14 weeks = 6 credits

10 hours per week for 14 weeks = 3 credits

100 hours = 2 credits

50 hours = 1 credit

Hours for internships worth more than twelve credits are determined by arrangement. Information may be obtained from the Robert E. Stafford Center for the Support and Study of the Community in Moriarty House.

### **Community Service, Internships, and Service-learning**

Castleton is committed to the idea that community engagement plays a central role in fostering students' personal and social development. Through community service students broaden their life perspective, discover and strengthen their voices, and become aware that their actions can make a difference. The director of community services, internships, and service-learning, located in the Robert T. Stafford Center for the Support and Study of the Community in Moriarty House, creates and maintains partnerships with the community, and coordinates the involvement of students, faculty, and staff in meaningful service initiatives.

The office also coordinates the placement of students in internships with local organizations and businesses, allowing students to gain practical experience while they earn academic credit. Internships are individually designed by the director and the faculty supervisor to meet the needs of the students and to connect the work experience with academic coursework. In some cases students are paid for their participation in an internship. Credit is awarded during the semester in which the work, or most of it, was done.

Service-learning is an approach to teaching whereby faculty seek to meet educational objectives of their courses by having students work in, with, and for the community. Critical to successful service-learning is the notion of mutual benefit to both students and community partners. All service learning courses build in opportunities for students to reflect on what they have learned in the field. The activities and projects that are developed as part of service-learning courses must result in educational benefit for students in ways that tie directly to goals of the curriculum, but they must also contribute to meeting community needs identified by one or more community agencies.

### **Field Experience**

Field experiences are developed in the various departments to provide students with "real world" experience in their chosen profession. Field experiences are generally offered as a regular part of a major curriculum with a well-defined, standard set of course outcomes.

### **Independent Study**

Independent Study is designed to provide the student with the opportunity to work individually with a faculty member in a subject area, or on a project, that is normally not available through regular course work. Effort should be consistent with the usual expectations of fifteen hours of class time and thirty hours of study time for each credit.

The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. The student must complete an Independent Study Contract form, which can be obtained at the Student Services Center. The form requires signatures of the student, the instructor, the department chair, and an academic dean. The completed form must be filed at the Student Services Center at the time of registration.

Independent Study may be taken more than once. Students are limited to a maximum of three credits of Independent Study in any one department for a given semester. Veterans or veterans' dependents registered for Independent Study must report their total number of Independent Study credits to the Veteran's Certification Officer at the Registrar's Office.

### **Tutorial Study**

Tutorial studies are designed to alleviate scheduling conflicts. Students may be allowed to take an existing course independently, provided that the faculty member involved wishes to offer the course on this basis. The student must initiate the process with a written proposal to the appropriate instructor. The form, which can be obtained at the Student Services Center, requires signatures of the student, the instructor, the department chair, and an academic dean. The completed form must be filed at the Student Services Center at the time of registration.

### **Summer Sessions**

Each summer, Castleton offers a wide selection of course work in many academic areas making it possible for students to take required or elective courses in the pleasant and stimulating environment of the summer campus. In addition to the regular required course offerings, summer sessions provide a variety of special programs and one-of-a-kind courses. Further enriching the academic climate are students and visiting faculty from other institutions of higher learning.

### **Army ROTC**

Castleton students may enroll in the University of Vermont's Army ROTC program. The four-year Military Studies program consists of the Basic and Advanced Courses described in detail on UVM's website. Most of the first two years of this program can be taken on campus at Castleton when demand is sufficient, but some training will take place at UVM and Army facilities. The junior and senior years of the ROTC program are offered at UVM, to which Castleton students will travel approximately once a week. Two-, three-, and four-year Army ROTC scholarships are available to qualified applicants. Information is available through the Castleton Admissions Office.

The Basic Course is open to all first-year and sophomore students and is designed to introduce interested students to the Army, the role of an Army officer, and basic military skills. Please see Student Services for a registration form. Other than for Army ROTC scholarship students, the Basic Course incurs no military obligation. All military studies courses will be recorded on the Castleton transcript as pass/no pass and will count as elective credit.

The Advanced Course is open to qualified junior and senior students who have either successfully completed the Basic Course, the Army ROTC Basic Camp, or Army Basic Training and Advanced Individual Training. The course is designed to prepare students for careers as Army officers. Students are required to successfully complete a 35-day Army ROTC Advanced Camp the summer following their junior year. Upon completion of the Advanced Course and a bachelor's degree, graduates are commissioned as Second Lieutenants in the United States Army, Army Reserves, or Army National Guard.

## **Degrees Offered**

### **Associate in Arts**

### **Associate in Science**

All associate's degree programs require a minimum of 64 credit hours of which 30 of the last 39 credits must be earned at Castleton. A minimum cumulative GPA of 2.0 is required for graduation. In addition to the general education requirements, associate's degree students may choose to specialize in many different concentrations of course work offered by Castleton's various academic areas. If chosen carefully, the associate's degree work can be smoothly transferred into a bachelor's degree program if students decide to continue their studies.

The Associate in Arts in General Studies offers certain unique opportunities for students because it allows wide latitude in the choice of courses after the general education requirements have been met. To earn an Associate in Arts in General Studies students must fulfill the general education requirements listed for the associate's degree, and then select other courses in order to earn a total of 64 credits. The Associate in Arts in Chemistry program prepares the student for either an entry-level position in a chemistry or environmental science laboratory, or for transfer into a four-year chemistry program.

The Associate in Science degree programs in Business, Communication, Computer Programming, Criminal Justice, and Nursing provide two complete years of course work designed to equip the graduates for these particular careers. As in the Associate in Arts program, these Associate in Science programs offer the student the option to continue in a bachelor's degree program, except for Nursing, which is a two-year program only.

To earn an associate's degree, students must be formally admitted to Castleton, complete the general education requirements, satisfy specific degree program requirements, and earn a minimum of 64 credits with a cumulative GPA of 2.0 or higher.

Students who graduated with an associate's degree from a Vermont State College, and who enroll at Castleton, will be considered to have completed all general education requirements for the Castleton associate's degree, with the exception of Soundings. For the 2006-2007 academic year, these include the writing, quantitative reasoning, information literacy, and speaking standards. Once a student meets a VSC graduation standard at the associate's level at one institution, it will count at the associate's level for all VSC institutions.

### **Bachelor of Arts**

### **Bachelor of Science**

### **Bachelor of Social Work**

To be eligible for any bachelor's degree, a student must be formally admitted to Castleton, satisfy the academic skills requirements, complete the general education requirements, satisfy specific degree program requirements, and earn a minimum of 122 credits with a cumulative GPA of 2.0 or higher. Some programs, including those leading to licensure in teaching, require a higher GPA.

A minimum of 30 semester hours must be earned in residence. Ordinarily, this

means the senior year, or 30 of the last 39 credits to be earned.

The Bachelor of Social Work degree program is accredited by the Council on Social Work Education.

While Castleton's associate's and bachelor's degree programs are normally completed in two and four years, respectively, Castleton does not guarantee that all students will necessarily be able to complete their chosen degree programs in these time frames.

Students who graduated with a bachelor's degree from a Vermont State College, who enroll at Castleton, will be considered to have completed all general education requirements for the Castleton bachelor's degree, including Soundings.

### **Post-Baccalaureate Program with Licensure in Elementary or Secondary Education**

The Castleton Post-Baccalaureate Program is intensive and standards-based. Students work together as a cohort and will be recommended for licensure after successfully earning 36 credits during the three semesters (summer, fall and spring) of the program. It will also be possible for students earning licensure to enter the Master of Arts in Education program at Castleton.

### **Master of Arts in Education**

#### **Master of Arts in Educational Leadership/Woodruff Institute**

The Master of Arts in Education at Castleton permits people interested in education to pursue studies in the areas of Language Arts and Reading, Special Education, Curriculum and Instruction, and in Educational Leadership. These programs are designed primarily as part-time, in-service courses of study for practicing teachers. Classes are scheduled during late afternoons, evenings, Saturdays, and summer vacation periods.

The Master of Arts in Educational Leadership, which is taught through the Woodruff Institute for School Leadership, is a two-year master's degree program leading to recommendation for endorsement as a school principal.

Complete information on the graduate programs in education is available through the Education Department, whose office is located in the Stafford Academic Center, and in the *Graduate Catalog*, which is available upon request. Inquiries related to admission to these graduate programs should be directed to the Admissions Office in Wright House.



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# Academic Policies

It is important that students fully acquaint themselves with the various academic policies of Castleton State College. A thorough knowledge will help students successfully complete their academic experience with minimum difficulty and confusion.

## Enrollment Policies

### Matriculation

A matriculated undergraduate or graduate student is one who has applied to Castleton, been officially accepted, and is either currently enrolled or on an official leave of absence. Graduate students in Education Department programs can retain their matriculated status by taking at least one course during an academic year (summer, fall, or spring semester).

### Part-time Student

Admission to a degree program is not a prerequisite for participation in classes, although first preference for access to classes must necessarily be made for matriculated degree students whether part-time or full-time.

Only matriculated students—those formally admitted to Castleton—will be considered candidates for Castleton degrees. Most classes are available to non-matriculated students on a space-available basis, although some may require that students get permission from the instructor before enrolling.

Most of the two-year and four-year undergraduate degree requirements can be met through enrollment as a part-time student. However, it is not possible to complete all the requirements for a degree by attending only evening classes.

### Registration

All students are required to register during the times published by the registrar. Registration for new students usually occurs during June and July (for fall semester) and January (for spring semester). During these sessions, students take academic skills tests, receive important information about the curriculum and course selection, and meet with an advisor to select their courses. Returning students register during the academic year, typically for the spring semester in November and for the fall semester in April. Students should meet with their advisor about two weeks prior to the November and April Registration dates to plan their schedules and obtain their advisor's signature.

If there is any problem with an individual student schedule, this should be brought to the attention of the Student Services Center immediately. In all cases, this must be done before the end of the first two weeks of classes.

Students with a campus mailbox will receive registration material through campus mail. Other students will receive information and materials through mail sent to their home address. Other interested persons can obtain class schedule and registration information by writing, calling, or stopping by in person at the Student Services Center in Woodruff Hall.

**Course Prerequisites/Consent of Instructor**

It is the student's responsibility to ensure that he/she meets the prerequisite(s) before enrolling in any course. The instructor or department chair has the authority to waive the prerequisite(s) and must sign the Registration or DROP/ADD form.

**Definition of Academic Credit**

Academic credits are used to measure academic work. Generally speaking, students are expected to attend one hour of class and to work at least two hours a week out of class for each credit they receive. Credits are not earned in courses where the assigned grade is F, NP, W, I or in cases where a grade is not submitted (NG).

**Dropping or Adding Courses**

Students may change their schedule only through the use of a DROP/ADD form available at the Student Services Center. After initial two week add/drop period, there will be no billing adjustment for classes dropped. Each course added or dropped requires the date and signature of the instructor or designee. Students are encouraged to obtain the instructor's and their advisor's signature early to avoid late fees. One copy of the form will be given to the student who should retain it to show that the drop or add was properly completed. Note: students who do not officially drop a course, but stop attending, will generally receive a grade of "F."

**Adding Courses**

Full semester courses may be added during the first two weeks of the semester. Less than full semester courses may be added as late as one week after the beginning of the course. However, any request to add any course after the first two weeks of the new semester is subject to the approval of the course instructor and an associate academic dean and requires payment of a late add fee of \$15 per course. Students are strongly cautioned against anticipating approval for the late addition. Only in extraordinary circumstances will a late add be approved.



## Dropping Courses

Students may drop full semester courses (with the exception of INT 1051 and 1052, Soundings I and II) without academic penalty during the first two weeks of the semester. Students may drop less than full semester courses (session X or Y) without academic penalty up to one week after the beginning of the course. Students may drop full semester courses (with the exception of INT 1051 and 1052) through the ninth week of the semester after payment of a \$10 fee per course. Students may drop less than full semester courses prior to the completion of 60% of the course upon payment of the same fee as for full semester courses. Please consult the semester *Course Schedule on line* for exact dates and the Expenses section of this catalog for financial policies. Courses dropped after the “no academic penalty” date (up to 60%) will carry a grade of “W” on the transcript. A faculty member has the authority to drop a student from the class roster who does not attend any class meetings within one week of the start of the class unless the student either 1) contacts the faculty member before or during this period, or 2) the student contacts an academic dean before or during this period, or 3) the student is enrolled in a course that meets only once a week, in which case the faculty member may drop the student from the class roster if the student fails to attend all meetings scheduled for the first two weeks of the semester.

## Signatures

The instructor’s signature for an added course indicates approval and acceptance on the part of the instructor. The instructor’s signature for a dropped course indicates the instructor is aware of the student’s intention to drop his/her course(s). The advisor’s signature indicates agreement (unless otherwise noted) with the student’s changed schedule. A signature by a member of the Registrar’s Office is also required to approve a course load in excess of 18 credits. Students who take more than 18 credits (overload) will be charged for each additional credit over 18.

If a student is receiving financial aid, adding or dropping courses may affect his/her eligibility. The student should contact the Financial Aid Office to determine the impact of such a change.

## Changes in Enrollment Status

Full-time students may change to part-time status or part-time students may change to full-time status by registering for the desired credit load.

## Definition of Continuous Progress

A student must be enrolled for one or more courses, or on an official leave of absence, every academic semester from the time of matriculation to the completion of degree requirements. Students who have maintained their continuous progress status may meet the degree requirements found in the catalog in effect at the time of their admission (or the degree requirements published in any subsequent *catalog*). When continuous progress has been broken and if the student is subsequently readmitted to Castleton, that student must meet degree requirements found in the *catalog*, which is in effect

at the time of readmission (or the degree requirements of any subsequently published *catalog*). In some cases, students may petition their department chair and the academic dean to be readmitted under previously effective degree program requirements.

**Full-time and Part-time Study**

Students admitted to Castleton may elect to attend either full-time or part-time. For undergraduate students, full-time status is 12 or more credits per semester. For each credit above 18 in a given semester, a student will be charged for overload credits at the per credit rate, based on program. Three-quarter time status is enrollment for 9-11.9 credits. Half-time status is from 6-8.9 credits per semester, while less than 6 credits is less than half-time status. When registering part-time, students are billed on a per credit basis, with other fees as applicable. Students indicating that they will be full-time are billed at the current full-time rate.

Because eligibility for financial aid may be affected by changes in the mode of attendance, students should consult with the Financial Aid Office to determine the impact of such changes. Students’ mode of attendance can also affect their eligibility for insurance coverage if they are covered as dependents on family policies. Students who are listed as dependents on a parent’s federal income tax return may no longer qualify as dependents if they are not registered as full-time students within a given calendar year. Students may change their status from full-time to part-time and vice versa. Full-time status is required to reside on campus. Others affected by a change from full-time to part-time status are athletes, international students, and those with veteran’s benefits.

**Grading Policies**

Grades are indicated by letters with a designated “quality point” value assigned to each as follows:

Grade		Point Value
A+	=	4.0
A	=	4.0
A-	=	3.7
B+	=	3.3
B	=	3.0
B-	=	2.7
C+	=	2.3
C	=	2.0
C-	=	1.7
D+	=	1.3
D	=	1.0
D-	=	0.7
F	=	0.0

A student's semester grade point average (GPA) can be calculated by assigning a numerical value to the grade, multiplying that value by the number of credits taken for that course, and dividing the total from all the courses by the total credits attempted (pass/no pass and incomplete courses are excluded.) For example,  $B+ = 3.3 \times 3 \text{ credits} = 9.9$ ,  $B- = 2.7 \times 2 \text{ credits} = 5.4$ .  $9.9 + 5.4 = 15.3 \div 5 \text{ credits} = 3.06 \text{ (GPA)}$ .

Mid-semester grade "indicators" are issued after the mid-semester point, and before the deadline to drop a class with a late drop fee. Mid-semester grades are not permanently recorded but can be used as a basis for guidance and developmental work. The grades listed above may be used to indicate the progress of the student at mid-semester, or one of the following indicators may be used:

- S =Satisfactory Progress
- NI =Needs Improvement
- U =Unsatisfactory Progress
- SI =See Instructor

Final grade reports are issued following the end of the semester. Final grades for each semester are placed on an academic transcript and become the official record of a student's work at Castleton. Courses taken at other VSC institutions (beginning with summer 2002) will appear on Castleton transcripts and grade reports and will be calculated into credit line averages and summaries. Students can access their grades online using MAPLE.

The following symbols are also used on either midterm or final grade reports but carry no point value and are not considered in calculating the semester or the cumulative GPA:

AU– given when a student is permitted to attend class for audit purposes only.

W– given when a student has been permitted to withdraw from a course after the two week "drop/add" period has passed, and prior to the 60% point in the semester.

I–Incomplete applies to work of acceptable quality in a course when the full requirements have not been completed because of illness or other serious reasons. It is never applied to failing work and should never be assigned unless a specific agreement to do so has been reached, between instructor and student, prior to the end of the semester. Students should note that failing to show up for a final exam or neglecting to turn in a final term paper on time does not justify the expectation of an Incomplete. An Incomplete should be removed by completing the outstanding work. The instructor issuing the Incomplete, in consultation with the student, shall specify the length of time, not exceeding the end of the seventh week of the following semester, for which the Incomplete will stand. Instructors have the option of assigning a default grade other than "F" if the student does not complete the outstanding work. After the seventh week, if the instructor has not changed the grade, Incompletes are automatically changed to "F" or the default grade by the Registrar unless an academic dean formally has approved a later deadline for

course completion. The grade of “I” will not be used in calculating the GPA. It is the student’s responsibility to see that replacement grades are reported to the Registrar prior to the deadline date.

NG—used to indicate that is not possible to assign a grade at that time (not used as a final grade.)

NP—used to signify that a student has failed an “ungraded” course. No course credit will be given.

P—used to signify that a student has passed an “ungraded” course. It is assigned for any work that in the letter grade system would give course credit.

TR—used to signify credit granted for a transfer course.

CR—used to signify credit granted on the basis of non-course work such as CLEP examinations, lifetime experience portfolios, AP courses, and military credit.

### **Guidelines for Evaluation\***

- A
  - Excellent mastery of course material
  - Student performance indicates a very high degree of originality, creativity, or both
  - Excellent performance in analysis, synthesis, and critical expression, oral or written
  - Student works independently with unusual effectiveness
- B
  - Good mastery of course material
  - Student performance demonstrates a high degree of originality, creativity, or both
  - Good performance in analysis, synthesis, and critical expression, oral or written
  - Student works well independently
- C
  - Acceptable mastery of course material
  - Student demonstrates some degree of originality, creativity, or both
  - Acceptable performance in analysis, synthesis, and critical expression, oral or written
  - Student works independently at an acceptable level
- D
  - Deficient in mastery of course material
  - Originality, creativity, or both not apparent in student performance
  - Deficient performance in analysis, synthesis, and critical expression, oral or written
  - Ability to work independently deficient
- F
  - Serious deficiency in mastery of course material
  - Originality, creativity, or both clearly lacking
  - Seriously deficient performance in analysis, synthesis, and critical expressions—oral or written
  - Cannot work independently
  - Failure to submit “I” work by deadline

\*From the 1974 Dartmouth College Catalog, p. 48. Reprinted by permission.

NOTE: Students should also refer to criteria established by faculty in the syllabus for each course. Such criteria may include standards for attendance and participation.

### **Pass/No Pass Courses**

Departments may designate certain courses as ones that may be taken on a pass/no pass basis. An instructor, with the consent of the department chair, may designate a course as being (a) graded only, (b) pass/no pass only, (c) student option to be taken either on a regular graded basis or as a pass/no pass course. A regular grade will be assigned to all courses when students do not make a selection, unless a course requires a particular option.

The purpose of this option is to encourage students to explore stimulating or intellectually challenging courses that they might otherwise bypass. The option provides latitude for such exploration without the penalty of a lowered GPA if performance is below normal.

During a four-year academic program, a student may take a maximum of 24 credits on a pass/no pass basis, provided this intention is indicated at registration. Students in two-year programs are limited to 12 credits on a pass/no pass basis.

Courses taken on a pass/no pass basis count as hours toward graduation but are not calculated in the student's quality-point average.

Changes in the grade option may be made only during the add period. Note: Some institutions do not award transfer credit for courses taken pass/no pass.

### **Audited Courses**

Courses in which space is available may be audited by students who do not wish to receive credit. Those auditing a course are not required to take examinations or prepare assignments. In place of the grade, transcripts will show "AU." So that those wishing to take courses for credit may be given priority, students who wish to audit courses will be permitted to register only during the add period at the beginning of the semester. To audit courses, students must indicate their intentions on their registration cards or their DROP/ADD forms. Students are charged for audited courses at half the rate that applies to courses taken for credit.

## **Academic Status and Improvement Policies**

### **Academic Standing, Probation, Dismissal**

Academic standing is based on a student's GPA, which is determined exclusively on the basis of grades achieved in courses taken at Castleton State College prior to Summer 2002 or at any of the Vermont State Colleges during and following summer 2002 and on grades received in courses taken under a consortium or contractual agreement that are recorded on the student's Castleton transcript. Courses transferred from another institution or taken at Castleton on a pass/no pass basis do not figure in this calculation. At the end of each semester, the record of every undergraduate student is examined by the registrar. Subsequently, the complete record of each student whose cumulative GPA falls below the minimum level required for good standing is reviewed by an academic dean. The minimum

cumulative GPA required depends on the cumulative total of credits or “GPA credits” earned, whichever is higher. These requirements are as follows:

Fewer than 30 credits:	1.75
30 credits and above:	2.00

A student whose cumulative GPA falls below the minimum level required for good standing may be placed on probation or may be dismissed. Students whose GPA falls below 2.0 in any semester will receive an academic warning.

Probation alerts students to the fact that their academic performance to date has been substandard, informs them that continued poor performance may result in their dismissal, but advises that with diligence and extra effort they can raise their GPA above the minimum level required to be in good academic standing.

NOTE: A student on probation may not represent Castleton publicly in intercollegiate athletics or in a leadership capacity in student organizations. An academic dean may set other conditions of probation or academic warning. Dismissal may be necessary when a student fails to achieve the minimum cumulative GPA required for an academic program. In cases of extreme academic insufficiency, however, dismissal may be in order even when the student had not previously been placed in a probationary status. A dismissed student may not enroll for any courses offered by Castleton until after at least one semester of the regular academic year has passed. At this or a later time, should a dismissed student seek to register for courses on a non-matriculated basis, she/he, with permission of the academic dean, may take not more than six credits in any one semester. Dismissed students may seek, but are not guaranteed, readmission to Castleton.

Decisions involving dismissal may be appealed to an academic dean. Students subject to academic dismissal or who take a leave of absence from Castleton while on probation will remain on probation upon their return.

### **Extra-curricular Eligibility**

To be eligible for intercollegiate athletics, leadership positions in student organizations, and certain other prominent roles in Castleton activities, students must be in good academic standing, that is, they must achieve a GPA that meets or exceeds the minimum described in the previous section. In addition, student athletes are also governed by applicable policies of the NCAA.

### **Repeating a Course for Grade Improvement**

Students may repeat a course for an improved grade by registering for the course again, the grade received for the repeated course will replace the earlier grade in calculating the GPA. The old grade will remain on the permanent record with a notation. A course previously taken for pass/no pass and failed may be retaken for either pass/no pass or a grade if it is a course that may be graded. A course previously taken for a grade may only be repeated for a grade. It may not be taken pass/no pass. Students should note that if they repeat courses they have already passed, they risk losing credit for any course they fail on their second attempt. A course may not be repeated after a degree has been granted on the basis of the successful completion of the course. With



the exception of courses specifically designated repeatable, credits for the course taken more than once are only counted once.

### **Grade Change**

Where it is justifiable and necessary, the faculty may change previously assigned grades by filing a Change of Grade form at the Student Services Center. For other than incomplete grades, this form will be forwarded by the Student Services Center to an academic dean for approval or disapproval.

### **Ameliorating the Effect of One Unsuccessful Semester**

Castleton recognizes that occasionally a student who otherwise performs well academically may have, for a variety of reasons, one very poor semester. Amelioration may be not bused for a semester that has already been counted toward earned credits leading to the granting of a degree. As a way of providing students with an opportunity to remove the damaging effect of a poor semester from their transcripts, Castleton developed the policy on Amelioration described below.

1. The policy on Amelioration applies only to full-time, currently matriculated students who received “D”s or “F”s in at least 65 percent of their courses in one particular semester.
2. Students who wish to request an amelioration of an unsuccessful semester may not do so until one year has passed following the end of the semester in question.
3. Students seeking amelioration must do so by submitting a written request to the academic dean, which includes:
  - a. A specification of the semester for which amelioration is requested.
  - b. A statement supporting the request. The statement should include an analysis of the reasons for the poor semester and documented references to an intervening successful effort in some aspect of life which may include, but is not limited to, academic pursuits, work experience, or military service.
4. Upon receiving the written request, the dean in consultation with appropriate other individuals will grant or deny it and communicate the decision to the student.
5. When Amelioration is granted, all grades of “C” and above and the credits derived from those grades (in the semester for which amelioration was granted) will remain on the record. All other grades and credits will be removed from the index and from graduation consideration, but they will remain on the record with appropriate notation.
6. Students may use this policy only once in their academic careers.

### **Fresh Start**

Students who completed course work at Castleton, which did not lead to the granting of a degree, after a five-year absence, have the option of having all the grades they previously earned at Castleton not calculated into their present grade point average. Returning students not wanting their previously earned grades calculated into their present GPA must complete a Fresh Start form available at the Student Services Center by the time they complete 12 credits. A “fresh start” requires the approval of the associate

academic dean. Full-time students, who drop one or more courses after the drop/add period, who want the effect of “Fresh Start,” must complete the Fresh Start form by the subsequent semester. Students who do not complete a Fresh Start form in the allotted time will have their previous grades calculated into their new GPA. Regardless of whether or not grades are calculated into students’ GPAs, their previously earned credits will be used for all completed course work at Castleton.

## **Other Academic Policies**

### **Class Attendance**

Students are expected to attend every class meeting of courses for which they are registered. Students have an obligation to contribute to the overall quality of the academic experience by participating in the work of their classes. The individual instructor may set specific attendance regulations for each course.

### **Form and Style for Written Work**

The English Department recommends the *Scott, Foresman Handbook for Writers* as the style manual for student written work. In courses where specialized editorial needs exist, another style manual may be identified.

### **Examinations**

Final examinations are held in all courses at the close of each semester unless other arrangements have been made and approved by both the department chair and the academic dean. When a change for the final examination has been approved, the instructor is generally expected to hold a class meeting during the final examination week for alternate academic pursuits, such as reports or the presentation of final projects.

For the dates of final examination periods, see the college calendar. Examination schedules are published on the Castleton web site and will be announced in class. Examinations or quizzes missed during the semester may be rescheduled at the discretion of the instructor.

### **Academic Honesty**

All students are expected to maintain the highest integrity in all their academic endeavors. A definition of academic honesty, as well as an explanation of the procedures and penalties for violations of academic honesty, will be found in the *Student Handbook*. Please consult it for a detailed statement on academic honesty.

### **Exemption and Substitution**

A student wishing to be exempted from certain academic requirements, or to make course substitutions within an academic program, must complete an Exemption/Substitution of Curriculum Requirement Form available at the Student Services Center. Students should not presume approval for exemptions or substitutions. These are granted only in unique circumstances. Students are encouraged to seek substitution approval, from the relevant department chair, prior to taking a course for that purpose.

### **Prior Approval of Course Transfer**

Students enrolled at Castleton may take courses at other regionally accredited institutions outside of the Vermont State Colleges and transfer them to Castleton by completing the appropriate approval form available from the Student Services Center. Credits earned within the Vermont State Colleges are not considered transfer credit.

Except under the terms of consortium agreements or contractual agreements (outlined below), only courses in which a grade of “C-” or better is earned will be accepted for transfer credit when the registrar receives an official transcript from the institution at which the courses were taken. Approval must be obtained prior to the beginning of the course. Grades earned at other institutions will not be included in the calculation of the student’s GPA. Students who do not follow the “prior approval” process may discover that the course they took is not applicable to their Castleton degree.

Under certain circumstances students may qualify to take course work at another institution through what is called a consortium agreement or a contractual agreement. In these cases, the other provisions pertaining to prior approval of courses for transfer apply fully; in addition, these students may be eligible for full or partial financial aid to cover course work taken at the other institution. Students should speak with staff of the Financial Aid Office to learn about policies and procedures regarding consortium and contractual agreements. When a student does pursue course work under such an approved agreement, all course work taken under the agreement shall transfer back to Castleton and be recorded on the Castleton transcript. In such cases, credits as well as grades will be transferred. This means that all grades earned through course work at another institution under a consortium or contractual agreement will be calculated as a part of the Castleton grade point average. Students completing a semester of study abroad as part of the Spanish major may elect to transfer in courses as pass/no pass.

### **Consortium and Contractual Agreements**

To broaden the educational opportunities available to Castleton students, Castleton periodically enters into formal agreements with other colleges and universities so that Castleton students can pursue enriching educational work at these other institutions. Consortium agreements can be written between Castleton and other colleges and universities eligible to receive federal financial aid. Contractual agreements are similar to these but are negotiated between Castleton and other higher education institutions, often outside the U.S. that are not eligible to receive federal financial aid but are deemed fully capable of delivering instruction compatible with and supplementary to our curriculum. Students may not complete more than 25% of their degree requirements through contractual agreement study. Students participating in these programs may be eligible to receive financial aid through Castleton for their participation. (Also see related policy under “Prior Approval of Courses for Transfer” and under “Evaluation of Transfer Credits”.)

## **Academic Honors**

### **President's List**

Each semester, at the President's discretion, matriculated undergraduate students who have achieved a semester GPA of 4.0 may be placed on the President's List. In addition to meeting the GPA criterion, those appointed to the President's List must have completed at least 12 credit hours of graded courses and have no incomplete or "F" or "NP" grades recorded at the close of the semester.

### **Dean's List**

Each semester, matriculated undergraduate students who have achieved a minimum semester GPA of 3.50 are placed on the Dean's List. In addition to meeting the GPA criterion, those appointed to the Dean's List must have completed at least 12 credit hours of graded courses and have no incomplete or "F" or "NP" grades recorded at the close of the semester.

Part-time matriculated undergraduate students who have completed at least 12 credit hours of graded courses during the preceding academic year (fall and spring semesters) and who have achieved a GPA of 4.0 may, at the President's discretion, be placed on the President's List. Those who have achieved a GPA of 3.50 are placed on the Dean's List. Students must have no incomplete or "F" or "NP" grades recorded at the close of the fall and spring semesters.

### **First Year Honors Scholarship Program**

The year-long Castleton Honors Program welcomes applications from qualified new full-time, first year, matriculating students for the Bachelor's Degree, whether residents or commuters, who enroll during the fall semester. Students in the First Year Honors Program have the opportunity to learn with similarly motivated students in a First Year Seminar during the fall semester and in Honors Touchtones during the spring semester. Students will work closely with Castleton faculty through in-class activities and field trips.

The Honors Committee selects scholarship recipients through a competitive review process. Students will also receive priority housing and registration for their first academic year. Conditionally admitted students are not eligible to apply.

### **Minimum Criteria for the First-Year Honors Scholarship Program**

- high school rank, top 20% of class *or*
- high school GPA, 3.3 or higher *or*
- ACT score of 24 or SAT scores with no single score lower than 500.
- application essay, which includes a description of previous community service and/or extracurricular activities

Eligible students are invited to apply to the Honors Program by March 2, 2007.

**Honor Societies**

- Alpha Chi (Upperclass students)
- Alpha Psi Omega (Theater)
- Kappa Delta Pi (Education)
- Phi Alpha (Social Work)
- Phi Alpha Theta (History)
- Phi Eta Sigma (First-Year Students)
- Psi Chi (Psychology)
- Sigma Delta Pi (Spanish)
- Sigma Zeta (Science and Math)

**Veterans Affairs**

Enrollment certification for veterans is conducted by the Registrar's Office. Veterans wishing to have enrollment certificates completed and transmitted to the Veterans Administration Office must contact the Registrar's Office at the beginning of each semester and complete the forms needed in filing claims and obtaining certification.

**Communication from the College**

Students may receive official communication from the college via campus mail, campus e-mail, or mailed to their home addresses.

Each student will be assigned a Castleton e-mail address. Students are expected to monitor their college e-mail accounts since important messages from instructors and college administrators are sent to those accounts. Some official correspondence will only be sent to college e-mail addresses.

Full-time matriculated undergraduate students all receive on-campus mailboxes. Students are responsible for checking their campus boxes. Some official correspondence will only be sent to campus boxes. For students who do not have campus boxes, or during breaks, mail from the college will be sent to the students' home addresses on file in the Student Services Center.

Financial aid information will be mailed to the address given on the application for financial aid.

It is the student's responsibility to make sure the Student Services Center has an accurate address on file. Change of Address forms are available in the Student Services Center.

**Student Records Review and Release**

In compliance with the Family Educational Rights and Privacy Act (FERPA) of 1974, as amended, Castleton State College provides students the right to inspect and review their educational records and to challenge the contents of these records to insure that such records are not inaccurate, misleading, or in violation of the student's privacy or other rights. In addition, Castleton will not release personally identifiable records of students to any individual, agency, or organization without the prior written consent of the student, except as provided by the law. The college has a policy of disclosing educational records to Castleton and

Vermont State College officials with a legitimate educational interest without prior consent. Castleton will maintain directory information which includes the student's name, address, college telephone listing, college e-mail address, date of birth, major, dates of attendance, degrees and awards received, weight and height for students who are athletic team members, photographs, most recent and previous education institution attended, and participation in officially recognized activities and sports. This information will be available, at the discretion of college officials, unless the student notifies the College in writing that all of this information should not be released.

Students who wish to restrict access to directory information may do so by completing a Confidentiality Statement each year at the Student Services Center.

A complete statement of the Castleton policy regarding the Family Educational Rights and Privacy Act is available from the Student Services Center. The Vermont State Colleges' policy relevant to the Federal Education Rights and Privacy can be found on the VSC website at [www.vsc.edu](http://www.vsc.edu).

## **Completion Requirements**

### **Admission to the College**

To earn any degree from Castleton, a student must be formally admitted to the college and maintain appropriate continuous progress. A student who loses matriculated status must be readmitted to the college in order to resume studies toward a degree.

### **Declaration of Major**

Each admitted student should file a DUAP (Declaration of Undergraduate Academic Program) as early as possible in his/her Castleton career. This form is available from the Student Services Center. In deciding on a major academic field, the student should consult an academic advisor. Some programs require departmental acceptance (see "Choosing a Major"). Students should complete the Academic Program Approval form for these programs as soon as they are qualified to do so. Changes in major should be filed immediately at the Student Services Center. Note: Students usually need to change advisors when they change majors by completing a Change of Advisor form.

### **Responsibility and Procedure for Degree**

The final responsibility for fulfilling the requirements for any degree granted by Castleton rests with the student. To assist students and their advisors, the Registrar's Office will prepare a degree audit for each student during the semester immediately after he/she submits an Application for Degree. Students should review their degree audits with their academic advisors and report any discrepancies to the Registrar's Office.

The Application for Degree must be completed on or before May 1 prior to the academic year in which the degree is expected. Students wishing to complete degree requirements in December should file an Application for Degree on or before December 1 prior to the academic year in which the degree is expected.

### **Last 39 Credits**

All students who are pursuing a degree at Castleton must earn 30 of their last 39 credits from this institution. The academic dean must approve any exceptions to this policy.

**Class Level**

First-Year	0-29.9	credits
Sophomore	30-59.9	credits
Junior	60-89.9	credits
Senior	90	and above

**Earning Additional Degrees**

The college has adopted the following policies in order to recognize certain students' additional academic accomplishments.

1. A student who finds it advantageous to earn both an associate's degree and a bachelor's degree must register for the additional courses and complete a second DUAP. The student must meet the criteria for acceptance into the second program and meet the degree requirements of both programs. Two diplomas will be awarded with both programs recognized on the permanent record. Two Applications for Degree must be filed. The degrees can be received during the same or different years. Students may have an informal "double major" by taking the courses required for a second program. The fact that a student has met the requirements for two majors will be recognized only when properly completed DUAPs have been filed. Two bachelor's degrees will not be awarded at the same commencement but recognition that the student has met the requirements of the second program will be made on the permanent record.
2. Students with any bachelor's degree may earn a second bachelor's degree in a different discipline/major (eg. Bachelor of Arts in psychology and Bachelor of Arts in English). A student with any bachelor's degree from another regionally accredited college or university may earn another bachelor's degree from Castleton. Students in this category will be considered undergraduates even though they hold a bachelor's degree. The second degree may be obtained through the following procedure:
  - a. Apply for admission or readmission to Castleton in the usual manner. Immediately after admission or readmission, declare an appropriate major and be accepted by completing a DUAP.
  - b. Meet all requirements listed in the catalog in effect at the time of acceptance into the new program, including the general education requirements for a degree program. Students with a bachelor's degree are exempt from Soundings and from the Oral Communication, Written Communication, Information Literacy, and Quantitative Reasoning Standards. (Students with a bachelor's degree from a Vermont State College will be exempt from general education.)
  - c. Earn a minimum of 30 additional credit hours at Castleton.
  - d. Complete an Application for Degree form and pay the graduation fee.

Students receiving two degrees at the same graduation ceremony will be charged an additional \$10 to cover the extra diploma cost. Students receiving two degrees at separate ceremonies will be charged the full graduation fee each time.

**Graduation**

Diplomas are awarded at, or shortly after, the May commencement ceremonies. To receive a diploma a student must meet the following requirements:

1. Be an admitted student with appropriate continuous progress
2. Fulfill all degree requirements
3. File a DUAP
4. File an Application for Degree form by the stated deadline
5. Satisfy all financial obligations to Castleton.

All students are expected to participate in the commencement ceremonies. Academic regalia are required for participation and should be obtained through the College Store. Orders must be placed before December 15 to insure timely delivery.

**Degrees with Distinction**

Bachelor's and associate's degree graduates who have attained high academic standing receive degrees with one of three distinctions. To qualify for graduation honors, a student must earn at least 50% of the total graded credits required for graduation (61 credits minimum for the bachelor's degree and 32 for the associate's degree) at the Vermont State Colleges. The particular distinction is based on the student's complete scholastic record at Castleton and is determined as follows:

Cumulative GPA of 3.9 or higher: summa cum laude

Cumulative GPA of 3.7 to 3.89: magna cum laude

Cumulative GPA of 3.5 to 3.69: cum laude

For the May graduation ceremonies, Honors are tentative, and are recognized on the basis of the number of credits completed and the GPA earned as of the end of the previous fall semester. Officially, and for the record on a student's transcript, Honors are determined on the basis of total number of undergraduate credits taken at Castleton and final GPA.

**Resignation/Withdrawal from the College**

A student who withdraws voluntarily is required to submit a letter of resignation to the academic dean or complete a Student Exit Information and Student Exit Survey form. **NO WITHDRAWAL IS OFFICIAL UNTIL THE RESIGNATION IS RECEIVED AND ACKNOWLEDGED.** Students may complete the Student Exit Information and Survey forms at the Academic Support Center in Babcock Hall or at the Student Services Center or Associate Dean's Office in Woodruff Hall. Resignees will find the interview time well spent. Grades of "W" will be issued for course withdrawals resulting from resignations received during the first nine weeks of the semester. Resignations after the first nine weeks will normally result in the assignment of the earned grades. Students forced to resign due to circumstances beyond their control may petition an academic dean for the exception to this policy. Ceasing to attend classes does not constitute the dropping of classes or withdrawal from Castleton.

A student receiving financial aid who is considering withdrawing should contact the Financial Aid Office before withdrawal to determine the impact on his/her eligibility for aid. (See Repayment: Financial Aid). Residence students must also notify their Residence Director of their intention to leave the college.

The college, with proper documentation, reserves the right to administratively withdraw a student from class and end their program.



## **Leave of Absence**

Any student may apply for a leave of absence by completing a Request for Leave of Absence form available at the Academic Support Center in Babcock Hall or by sending a written request to the academic dean. A leave may be requested prior to the start of classes for one or two consecutive semesters. **THE LEAVE IS NOT OFFICIAL UNTIL THE LEAVE REQUEST HAS BEEN RECEIVED AND THE DEAN ISSUES WRITTEN APPROVAL.** Students should complete an interview at the Academic Support Center, at the Student Services Center or Associate Dean's Office in Woodruff Hall prior to requesting a leave.

For information on refunds see the "Refund" paragraph in the Expenses section of this *Catalog*. In special circumstances the leave of absence may be extended beyond the approved period. An academic dean must approve the extension. A student approved for a leave of absence is considered no longer enrolled for federal financial aid purposes. Financial aid recipients considering taking a leave of absence should contact the Financial Aid Office to determine the impact of such action on their eligibility for financial aid. (See Repayment: Financial Aid).

## **Academic Status of Returning Castleton Students**

Students returning from a Leave of Absence retain their academic standing and may continue their education where they left off if they return to Castleton within the terms of the official leave of absence. The college will make reasonable efforts to accommodate students in programs that have quotas, are being phased out, or have been dropped from the curriculum. Students on extended leave may encounter difficulty when program course changes have been made. The student retains the right to use either the degree requirements in the catalog in effect at the time of admission or the degree requirements of any other catalog published during the period of active enrollment.

## **Readmitted Students**

Students who resign, withdraw, or are dismissed from Castleton lose their academic status in any program for which they might have been previously accepted. Upon re-admission, the student must again declare a major by filing a DUAP. Where program approval is required, the student must apply for program acceptance again. The student must then fulfill the degree requirements either of the catalog in effect at the time of readmission or of a subsequent catalog. Readmitted students are responsible for meeting degree requirements in effect at the time of their readmission. If they wish to be permitted to meet requirements in effect for the program in which they were originally enrolled, they must petition their department chair and the academic dean.

## **Dismissed Students**

A dismissed student returning to Castleton, as a result of a favorable appeal, must meet with an advisor and file all necessary paperwork. The academic dean, however, may, in consultation with the appropriate department chair, agree in writing that the student can retain the academic status in effect at the time of dismissal and can retain his/her right to use the degree requirements in the catalog under which he/she was admitted (or any subsequent catalog).

## Student Life

Castleton offers opportunities for all students to become involved in co-curricular activities. From this involvement students can realize personal growth, and develop their leadership skills through out-of-class activities that complement and enhance academic coursework. Each student is urged to become involved with one or more of the clubs and organizations that are available at the college. Castleton offers more than 50 clubs and organizations, 21 varsity intercollegiate teams, intramural sports, a chorus, a wind ensemble, plays, concerts, dances, movies, and student government—that are organized and maintained by and for the students.

Castleton fields 21 intercollegiate athletic teams which compete in the National Collegiate Athletic Association (NCAA), Division III, Eastern College Athletic Conference (ECAC) and the North Atlantic Conference (NAC). These teams are participants in regional tournaments against New England opponents and on occasion have succeeded in reaching national tournament competition. Outdoor and indoor facilities are available for student use including intramural contests or friendly scrimmages. The Student Health and Physical Education (SHAPE) facility includes two full size gymnasiums, a six-lane swimming pool, two racquetball courts, and new 3000 square foot fitness center and climbing wall.

The 160-acre Castleton campus is within easy driving distance of Killington/Pico and Okemo ski resorts where Castleton students can ski for recreation. Adjoining the campus is a fine riding facility, the 2,000-acre Pond Hill Ranch with more than 70 miles of trails. Equestrian instruction is available through the Department of Physical Education. There are swimming, sailing, fishing, and golfing opportunities in the nearby Lake Bomoseen area.



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## **New Student Programs**

New students are introduced into the Castleton community through a two-part process. In May, new students receive information about summer registration. Registration for new transfer and first-year students entering in the fall occurs during the summer. During the summer registration sessions students have the opportunity to speak with a faculty advisor before choosing their courses for the fall semester.

The second part of the introduction of new students to Castleton occurs in the form of a mandatory Orientation program which occurs on the weekend just prior to the start of the fall semester. In this program, through a series of meetings, receptions, conferences, small group activities, informal gatherings and social events, students are exposed to much of what they need to know in order to have a successful beginning to their Castleton State College careers. New students will have an opportunity to meet the President, the Deans, and many of the administrators, faculty, and staff who can assist students in their lives at Castleton as well as many upperclass men and women with whom the new students will be spending their year.

First-year students are also assigned first-year advisors, professors from different departments who teach the First-Year Seminar. In addition to serving as the instructor in a student's First-Year Seminar, these faculty members will serve as advisors during orientation and throughout a student's first year. After the first year, a student will be assigned an advisor in his or her major. These advisors will provide students with the support and guidance they need to succeed in college.

For those students entering Castleton at mid-year, a registration program is held prior to the start of the spring semester.

## **Residence Life and Dining**

Castleton maintains ten residence halls. Five of the halls, Adams, Castleton, Haskell, Morrill and Wheeler are similar suite-style buildings. Each suite consists of four double occupancy bedrooms, a living room and a bathroom. Two of the halls, Ellis and Babcock are corridor style. Each of the three houses, South, Audet, and North include six pods each containing three bedrooms and a bathroom. Smoking is not allowed in any residence hall.

It is a condition of admission that all first-year, traditional age, full-time undergraduate students must live in a college residence hall and eat in the college dining hall unless they commute from home. It should be noted that Residence Life contracts are binding for the entire academic year.

The college contracts Aramark to provide food service on campus. There are various board plans available to resident students. All residence hall students are required to have a meal plan. Off campus students, staff, and visitors are welcome to eat in the dining hall either by purchasing a meal plan or by paying the regular per meal price at the door.

Castleton adheres to a policy requiring first-year students to live on campus because participation in the social, cultural and recreational opportunities of campus life enhances the formal learning that takes place within the classrooms.

**Career Development**

The career development director, in collaboration with the director of community service and internships, and the alumni director, coordinates programs to enhance the opportunities for students to explore possible life-work plans and tailor their learning experiences to support those plans.

The Career Development Office, located in the Campus Center, coordinates personal and on-line career discovery opportunities such as on-campus Career Fairs, on-line self-discovery software such as Focus II and FocusCareers (MBTI based) which are linked to Castleton Career Code Map. Career Development also provides innovative projects such as Career Talk Radio Shows highlighting the experiences of alums and top professionals in various fields, hands-on workshops in resume design, interview techniques, networking, and job search skills.

**Wellness Center**

The Wellness Center is home to Wellness Education programs, health, mental health counseling, and the A.O.D. (Alcohol and Other Drug) Services. The Wellness Center is staffed by a full-time registered nurse and counselor. Health and Counseling work closely together to provide students with services and knowledge that will allow them to manage their own mental and physical health. The Wellness Center houses a resource room with a variety of educational materials on a wide range of wellness related issues.

**Counseling**

Counseling services at the Wellness Center provides free personal individual confidential counseling to all Castleton State College students who are facing personal difficulties, which may interfere with their ability to grow socially, emotionally and academically. The counseling staff offers short-term developmental counseling, psychological assessments and screenings, referrals to outside agencies along with coordinated support with off campus mental health professionals and services. They work closely with local practitioners to address severe or specialized psychological issues that require long-term care, medication and/or specifically trained therapists. Educational materials are available through counseling services on a wide array of mental health issues. The Wellness Center encourages all community members to contact our staff if a concern or question about a fellow community member arises; confidentiality will be protected.

**Alcohol and Other Drug Education**

The alcohol and other drug education program offered through the Wellness Center supports and offers a wide variety of educational opportunities and resources for Castleton students. The purpose of this office is to offer students information about the health issues and risks surrounding the abuse/use of alcohol and other substances. Students can participate in programs via classroom presentations, residence hall programs and athletics. Materials, both printed and audiovisual, are easily accessible to students for personal use or to help with academic projects.

## **Health Services**

The director of student health services is a registered nurse who can diagnose and treat confidentially minor illnesses and injuries on campus at the Wellness Center. All members of the college community may use the Center and there is no charge for services provided; however, the student is responsible for all medical expenses incurred from off-campus health care providers.

In addition, there are several general practice physicians in the town of Castleton as well as a variety of medical and dental specialists in nearby Rutland. Emergency medical service is available at Rutland Hospital, and the Regional Ambulance Service provides 24-hour service to the college community.

When a student's physical or mental condition requires services beyond the normal and reasonable scope of the college's capabilities, or when a student's physical condition is deemed by the dean of students to present a serious threat to the welfare of the student and/or members of the college community, the student may be required to withdraw pending resolution of his or her condition. The dean of students shall act on the basis of reliable information obtained from appropriate professional sources.

All medical records are maintained at the Wellness Center, following HIPPA guidelines, and no one except the professional Center staff has access to these records without the student's authorization.

NOTE: All students, regardless of age, are required to have a completed medical history form including an up-to-date immunization record on file in the Wellness Center and provide proof of health and accident insurance (the college offers insurance for a fee). Failure to do so may result in cancellation of registration. Prior to initial registration, students will receive the appropriate form for completion from the Admissions Office.

CARE CALL is a program that operates in conjunction with the college providing emergency contact information to medical professionals caring for our students (24 hours a day, seven days a week). For more information contact the Wellness Center at 802-468-1346.

## **Testing Services**

Career Development also facilitates testing for teacher licensure (ETS/Praxis) ACT and MAT. For scheduling information contact 802-468-1339. Practice CDs and material are available in the library.

## **Academic Support Center**

The purpose of the Academic Support Center is to assist and support students to achieve their highest academic and personal potential with an emphasis on earning a college degree. Support services are available to all students and include academic counseling, tutoring and services for students with disabilities.

Academic counseling may include helping students to choose an academic major, assessing students' learning styles, and implementing study skills strategies. Emphasis is often placed on time management, memory and retention, reading comprehension, notetaking, stress management, and overcoming test anxiety.

Tutorial services are available for students in the following areas: writing, mathematics, computer applications, learning strategies, study skills, as well as for most courses offered at Castleton. Academic Support offers walk-in Writing and Math clinics Monday through Friday with both daytime and evening hours.

The learning specialist offers services for students with disabilities, including: providing individual and small group academic support and counseling, working with faculty and staff to arrange appropriate accommodations and the use of auxiliary aids, and reviewing student documentation for eligibility.

Returning, new and prospective students and their families are encouraged to explore available program services, as well as discuss any individual academic or personal concerns, with a member of the Academic Support Staff.

The Academic Support Center is funded in large part by a TRIO grant from the U. S. Department of Education. TRIO-eligible students qualify for additional services including: TRIO grants, mentoring and leadership development, our technology loan program, and our Summer Transition Program. Students are TRIO-eligible if neither parent has earned a 4-year degree, if they meet the U.S. Department of Education's income guidelines or if they have a documented disability. To apply, or for more information, please contact Academic Support.

Academic Support is open from 8 a.m. to 4:30 p.m. Monday through Friday, with evening hours until 9 p.m. when classes are in session. Other meeting times, either in person or by phone, are available when arranged in advance. The Academic Support Center is in Babcock Hall: (802) 468-1347. ([www.castleton.edu/academicsupportcenter/](http://www.castleton.edu/academicsupportcenter/))

### **Non-Traditional Student and Commuter Student Support**

Commuter students and students who do not attend Castleton directly from high school often have different needs and requirements from those of traditional aged students. The Student Life Office, located in the Campus Center, offers information and support for these students. These services include, but are not limited to, off-campus housing information and information on upcoming daytime events. Commuter Central is a lounge and resource center for commuter students located in the Campus Center.

### **Student Association**

Every matriculated undergraduate student is a member of the Castleton State College Student Association. The right to membership is granted whether the student lives on campus or is a commuter.

The Executive Board, the Student Senate, and the College Court are the chief vehicles of student government. The Senate supervises the expenditure of over \$260,000 a year collected through the annual Student Activity Fee. This fee funds a busy schedule of music, films, comedians, and special events.

### **Student Activities**

Castleton's 50 plus student organizations enable participants to gain valuable leadership experience as well as offering many activities for the campus community. Students must be in good academic standing in order to hold a leadership position in a campus organization.

Several clubs, such as the Student Education Association, Physical Education Majors, and Criminal Justice Club, to name a few, work closely with academic departments to provide co-curricular opportunities for interested students. Clubs such as the Rock Climbing Club and Outing Club take advantage of Vermont's great outdoors.

The Theater Arts Department presents several productions each year, giving students valuable acting and behind-the-scenes experience. Castleton supports an active chorus and wind ensemble. In addition, the Soundings (Introduction to Liberal Arts) program sponsors numerous cultural events each semester ranging from dance performances to distinguished guest lecturers.

## **Athletics**

The athletics department is located in the Glenbrook Gymnasium. Under the leadership of the assistant director for athletics and recreation, the college is committed to both intercollegiate, club, and recreational athletic opportunities.

Castleton fields 21 intercollegiate athletic teams (men's and women's soccer, skiing, snowboarding, tennis, cross-country, basketball, lacrosse, ice hockey, women's softball, men's baseball, men's golf, women's field hockey, women's volleyball) which compete in the National Collegiate Athletic Association (NCAA), Division III, and the Eastern College Athletic Conference (ECAC), and the North Atlantic Conference (NAC).

Club sports which compete against other schools are programs supported by both student association and individual resources. These programs change with the current interests of students. Currently there are men's and women's rugby, equestrian, and cheerleading clubs.

Recreational sports and general fitness activities are available in the S.H.A.P.E. facility. Intramurals are organized in many sports (basketball, soccer, volleyball, floor hockey, etc.), and the physical education department offers skills courses for students to learn and/or improve their skills in particular sports.



### **Campus Media**

The student-run radio station, WIUV (91.3 FM), is an important part of campus life. WIUV serves both the college and the local community, broadcasting varied programs of music, news, sports, and weather, as well as airing public service and education spots.

The constantly expanding music library contains a large assortment of music, rock, hip-hop, jazz, classical, and much more. Emphasis is placed on students' ability to run all aspects of the station. Membership is open to students, faculty, staff, and members of the local community. Some students studying communication may use the station as a laboratory experience.

The *Spartan* is Castleton's student newspaper. Journalism students, as well as those interested in gaining experience in all aspects of newspaper production, are involved in photography, layout, typesetting, editing, advertising, and staff management. Video Magazine is produced biweekly by students in television production classes.

### **Student Employment**

Students who qualify for employment under the federal work-study program (that is, those who have received a award letter from the financial aid office indicating federal work-study eligibility) may seek part-time employment in one of approximately 30 departments/offices during regular academic terms. Eligible students may also work part-time or full-time during vacation periods and during the summer. While most jobs require that the student be eligible for federal work-study funds, a limited number of part-time jobs are available for those students who are not eligible for federal work-study. Additional information may be obtained by contacting the Financial Aid Office.

### **Religious Life**

Three churches are located in Castleton within walking distance of the college—Catholic, Episcopal, and Federated (Congregational/Methodist). A Jewish Synagogue is located in Rutland, as are churches of most religious denominations. Student organizations such as the Christian Fellowship offer organized activities on campus through which students may develop their religious life.

### **Discipline**

Students are representatives of the college and are expected to show respect for law, morality, personal honor, and the rights of others. In addition, students are bound by those statements of the college's policies, regulations and code of conduct that are found in the *Catalog*, the *College Handbook* and documents distributed as addenda or supplements to these.

Disciplinary cases are handled by the dean of students, the dean's designee and/ or one of the college's duly constituted judicial bodies in accordance with procedures found in the *College Handbook*. The residence hall staff, and/or the appropriate judicial committee may deal with minor problems in the residence halls.

Statements of college disciplinary and judicial procedures can be found in the *Student Handbook* and other documents available upon request from the Student Life Office.



## Admissions Policies and Procedures

Applications are accepted for either the fall or spring semester. Castleton's policy of "rolling admissions" means that we process applications throughout the year until we determine that we have filled the class for each semester. We reserve the right to close admission once the class is filled. Castleton accepts students who are judged to possess potential for successful collegiate performance.

To be considered for admission it is required that a student complete a college preparatory curriculum including:

- 4 years of English
- 3 years of Mathematics
- 2-3 years of Laboratory Science
- 3-4 years of Social Studies
- 2 years of Foreign Language (recommended but not required)

### New Student Application Procedures

New students are those who have never attended a college or university. To be eligible to apply for admission to Castleton, a candidate must graduate from an accredited high school or possess a High School Equivalency Diploma. To be considered for admission, a candidate must submit a formal application along with the following:

1. An official high school transcript showing grades from the first quarter marking period of the senior year, or documentation of a High School Equivalency Diploma (GED).
2. SAT (Scholastic Aptitude Test) or ACT (American College Test) scores. Castleton requires the "optional" writing section of the ACT. Candidates who have been out of high school for more than three years may be exempt from submitting test scores.
3. A \$35 non-refundable application fee.
4. A written essay.
5. One teacher recommendation.
6. One guidance counselor recommendation.

Applicants must request that a final official high school transcript showing date of graduation be sent to the Admissions Office to complete their file. Failure to submit proof of graduation may result in the withdrawal of the offer of admission.

### Transfer Student Application Procedures

Transfer students are those candidates who have attended any college or university (excluding dual enrollment in high school) prior to applying for admission to Castleton (regardless of whether they completed a semester or not). To be considered for transfer admission to Castleton, a candidate must submit a formal application along with the following:

1. An official college transcript from all previously attended colleges and universities (even from institutions at which no credits were earned).
2. An official high school transcript is required for those applicants who have earned less than 30 credit hours of college work.

3. SAT (Scholastic Aptitude Test) or ACT (American College Test) scores are required of candidates who have earned less than 30 credit hours of college work. Castleton requires the optional writing section of the ACT. Candidates who have been out of high school for more than three years may be exempt from submitting test scores.
4. A \$35 non-refundable application fee. (Students who have previously attended another Vermont State College are exempt from paying this fee.)
5. A written essay.
6. One teacher or employer recommendation.

Transfer students can be considered for admission in either the fall or spring semesters.

### **Non-Traditional/Adult Student Application Procedures**

Castleton encourages the applications of non-traditional students. As defined by the college, non-traditional students are generally defined as older students who want to pursue their college education while continuing to work, while raising a family, or after many years away from formal education.

For purposes of admissions, applicants who have never attended any college and have been away from formal education for some time may be considered as non-traditional/adult candidates. Such candidates must submit a formal application and the following materials:

1. An official high school transcript, or official scores from a high school equivalency exam (GED).
2. A \$35 non-refundable application fee.
3. A written essay.
4. Two letters of recommendation from employers or people who are familiar with the applicant's motivation and work habits.

### **Evaluation of Transfer Credits**

Official transcripts of all previous college courses must be submitted in order to evaluate transfer credits. Credit may be transferred for courses completed at approved and regionally accredited institutions where the earned grade was "C-" or higher. Exceptions might occur if a student receives a grade below a "C-" and subsequently receives a higher grade for a more advanced course in the same subject at the institution from which she/he transfers (both courses will be accepted) or if the student receives an associate's degree as described below. As of summer 2002, credits earned within the Vermont State Colleges are no longer considered transfer credits and will automatically be listed on the transcripts of those transferring to Castleton from another college within the VSC. As of summer 2002, all VSC courses count in the determination of quality points and in the determination of cumulative GPA. Students transferring to Castleton, who earned a bachelor's degree at any Vermont State College will be considered as having completed all general education requirements.

Transfer credit is not allowed for work completed with a grade of "P" or its equivalent unless a grade equivalent of "C-" or better can be provided or unless a more advanced course in a sequence of interrelated courses has been passed with a "C-" or better in

the institution from which the student transfers. This provision does not apply when already matriculated Castleton students take course work at another institution under what is called a consortium agreement or a contractual agreement and transfer those credits back to Castleton. Under those circumstances all credits earned at the other institution are added to the student's Castleton transcript. In such cases, grades as well as credits will be transferred. This means that all grades, including failing grades, earned through course work at another institution under such an agreement will be calculated as a part of the Castleton grade point average.

Students graduating from an accredited two-year college, with an associate's degree and a minimum cumulative GPA of 2.0 on a 4.0 scale, will be granted, if admitted, transfer of credit for all academic work applicable to the admitted program up to 64 credits.

The Preliminary Transfer Evaluation is completed by the Registrar's Office and mailed to the student once the student has been accepted for admission. The official transfer evaluation is completed during the student's first semester of attendance at Castleton.

Courses for which transfer credit is granted cannot be repeated for credit. Note: A student who changes majors may find that additional courses, not originally accredited, may count toward the new degree program. See Degrees Offered for additional information.

### **Deposits**

To confirm an intended matriculation to the college, the accepted student is required to submit a non-refundable deposit of \$200 to the Admissions Office prior to May 1 for fall (December 1 for spring). After these dates, deposits will be accepted on a space-available basis. Deposits should be submitted as soon as the decision to attend Castleton has been made.

### **Conditional Admission**

This status is given to students who demonstrate marginally adequate preparation for college work but who, with a concerted effort, may be successful at Castleton.

Conditionally admitted students, other than those transferring thirty or more credits to Castleton, will be required to take the Academic Skills Test and, as appropriate, may be required to take the Academic Skills Course. In addition, conditionally admitted students are not allowed to take more than 14 credits their first semester and will be asked to receive additional academic counseling.

### **Deferred Admission**

A newly admitted student who has not attended classes and who has not resided on campus for any part of the regular semester may request a deferral of his/her admission to the following semester or to the following year. A request for deferral must be made prior to the start of the semester for which the student was originally admitted. No requests for deferral will be considered 30 days after the start of the semester. The deferral will be given at the discretion of the director of admissions. If a deferral is granted, the non-refundable deposit, less charges incurred, will also be deferred. Under the agreement of the deferral, the student may not attend any other college or university during the deferment period.

After a newly admitted student has attended classes or has resided on campus, he/she may apply for a leave of absence from an academic dean. All rules with regard to refunds and leaves are in effect.

### **New England Regional Student Program**

Under the New England Board of Higher Education (NEBHE) agreement, a limited number of students from other New England states may enroll in certain programs at Castleton, as the compliment to the Castleton program is not available in those students' home states. Students pay a special tuition rate of 150% of the current in-state tuition.

Interested applicants are encouraged to submit their admissions materials early in the senior year and are required to identify themselves clearly, on their application forms, as persons applying under the NEBHE Program.

To qualify for the 150% tuition rate under the NEBHE agreement, the student must demonstrate eligibility and specify the program prior to admission.

After having been officially notified of acceptance by the College, a student under the NEBHE agreement may thereafter change programs without losing initial status, provided the program is authorized under the NEBHE agreement and provided the college approves the change.

As participants in the NEBHE Program, students must indicate through their course registration each semester, that they are pursuing their initial program. If a change of major to another program covered by the NEBHE agreement for the student's state is planned, coverage will be continued and the tuition charge of 150% of in-state tuition will still be effective. Students who change their majors to those not covered by the NEBHE agreement for their states will be required to pay the out-of-state tuition rate.

#### **New England Regional Student Program for 2007-08**

<u>Undergraduate Major</u>	<u>Degree</u>	<u>Eligible N.E. States</u>
Athletic Training	B.S.	RI
Criminal Justice	B.A.	RI
Spanish for Business	B.A.	CT, ME

### **International Students**

We welcome international students on our campus; however, before we can process an application for admission we must have assurance that the personal needs of that student will be met as well as the financial obligations to the institution of approximately \$25,000 a year.

International students must submit the following for admissions consideration: formal application, official academic transcript(s) of school grades (preferably in English), and TOEFL examination results.

An international student who meets the admission requirements of Castleton will be required to submit a one-year deposit of \$25,000 (U.S. dollars) upon receipt of acceptance and prior to the issuance of the Form I-20. This deposit will be held by the college in the student's name and will be applied toward the first year expenses.

The international student policy at Castleton does not apply to Canadian citizens.

**Non-Matriculation**

Persons with adequate preparation for college –level work, may be permitted to attend Castleton as non-matriculated (non-degree seeking) students. The Registration Policy for Non-Matriculated Students is available at the Student Services Center or from the College Registrar.

**Readmission to Castleton**

Students applying for readmission to Castleton are required to submit a new application form and all credentials requested to complete the admission folder. The decision to readmit will normally be made by the director of admissions in consultation with an academic dean and the dean of students. Candidates for readmission may be required to complete additional course work before being evaluated.

**Advanced Placement**

Many high schools offer their students the opportunity to take college-level courses, typically in the senior year. Two national testing programs (Advanced Placement/AP and College-Level Examination Program/CLEP) have been instituted to ascertain whether college-level learning has taken place in such courses. Each academic department at Castleton determines the scores on these two tests, which will justify the award of credit by our registrar. Castleton will consider, for advanced placement and credit, those entering first-year students who qualify through the CEEB Advanced Placement Examination. A grade of three (3) or higher must be achieved, but final recommendation for credit rests with the department chair concerned. Some Canadian students may be able to transfer Ontario Academic Credit (OAC) from their provincial examinations.

**Accelerated Programs**

By special arrangement with the State Board of Education and the State Commissioner of Education, Castleton will consider admitting as first-year students, Vermont students who have completed the eleventh grade. Details concerning admission requirements for the Accelerated Program can be obtained by consulting the secondary school guidance counselor. Qualified out-of-state applicants who display exceptional ability and maturity will be considered for admission to Castleton upon completion of the third year of a secondary school program. Early admission applicants must have the consent and cooperation of secondary school officials, and they are required to appear for a personal interview.

**College-Level Examination Program (CLEP)**

Castleton considers for credit the scores received on the College Level Examination Program (CLEP). Six credits may be given for each area of the General Examination on which a student scores satisfactorily. Three credits may be given for subject examinations on which a satisfactory score is achieved. Information regarding which academic department will approve subject examinations and satisfactory score levels may be obtained from the Transfer Evaluator located in the Registrar's Office.

**The Assessment of Prior Learning**

Understanding that college level skills and competencies may be achieved through direct experience on the job and in a variety of non-traditional settings, the Assessment of Prior Learning program provides a mechanism for the evaluation of such knowledge and the award of credit through the Vermont State Colleges. Further information is available in Vermont State College Office of External Programs' publications which may be obtained at the Office of Admissions or by contacting a branch of the Community College of Vermont.

**Veteran Credit**

A veteran may be allowed credit for courses or service schools as recommended by the American Council on Education. Active duty service personnel are advised to see their Education Officer about taking College Level Examination Program (CLEP) examinations.

**New England Association of Schools and Colleges**

Castleton State College supports the efforts of secondary school officials and governing bodies to have their schools achieve regional accredited status to provide reliable assurance of the quality of the educational preparation of their applicants for admission.



## Expenses

Below is a schedule of basic charges for full-time students. Full-time students are those who register for twelve (12) to eighteen (18) credits per semester. Vermont residents are students who meet the criteria of the Vermont Residency policy presented on page 47 of this catalog. Students are responsible for familiarizing themselves with the charges, fee descriptions, payment and refund policies that are detailed below.

The following schedule lists full-time tuition and basic charges and fees in effect for the 2007-08 academic year. Tuition, fees, room and board charges are subject to change without notice due to reconsideration by the Vermont State Colleges Board of Trustees.

	<b>Vermont Residents</b>		<b>Non-Residents</b>	
	Per Semester	Per Year	Per Semester	Per Year
Tuition	\$ 3,528	\$ 7,056	\$ 7,620	\$15,240
Tuition: nursing students	4,380	8,760	8,352	16,704
Room*	2,150	4,300	2,150	4,300
Board**	1,460	2,920	1,460	2,920
Student Activity Fee	94	188	94	188
Insurance***	1,445	1,445	1,445	1,445

\*If space permits, single rooms are available for an additional charge of \$572 per semester.

\*\*This amount reflects the charge for a full meal plan (Gold Plan). There is also a 12 meal plan, \$1,405 and an 8 meal plan, \$1,351 per semester. Participation in a board plan is required of all resident students.

\*\*\*Health and accident insurance is mandatory for all matriculated full-time students not otherwise covered. The charge for coverage for the entire 2007-08 year is \$1,445. For students attending only the Spring 2008 semester the charge is \$840. Students may be exempted from paying the insurance fee by submitting a selection form to the Student Services Center certifying that they are covered by a family insurance plan. Deadlines for form submittal are, for the Fall 2007, September 14, and for the Spring 2008 only semester, it is January 31. Insurance brochures are available in the Student Services Center.

NOTE: The Fall 2007 semester bill is due August 14, 2007. The Spring 2008 semester bill is due January 15, 2007 or one month from the mailing date of the spring

bill, whichever is sooner. Castleton reserves the right to void all registrations for which satisfactory financial arrangements are not made or honored. All past due balances may be subject to late fees if not paid by the due date. Any balance not paid may also be subject to collection costs, including attorney's fees, and other costs and charges necessary for the collection of the account.

**Tuition**

Students registered for fewer than 12 credits are considered part-time students and are charged on a per credit basis. Vermont residents pay \$294 per credit, and non-residents pay \$635 per credit. All non-matriculated undergraduate and graduate students are charged on a per credit basis regardless of the number of credits for which they are registered. Students registered for more than 18 credits per semester will be charged additional per credit. Vermont residents will be charged \$294 (undergraduate) or \$364 (nursing), non-residents will be charged \$635 (undergraduate) or \$696 (nursing).

**Senior Citizens**

Adults age 65 or older that are receiving retirement benefits are eligible to register for courses at a 100% reduction in tuition. They must, however, pay any relevant registration and lab fees.

**Room and Board**

Students residing in a residence hall are required to pay the room charge of \$2,150 per semester, as well as the board charge for the chosen meal plan. Commuting students who wish to eat in the dining hall may pay for the meals individually or purchase commuter tickets (directly from the dining hall) covering an extended period of time.





## Fees

The Student Association Fee of \$94 per semester, established by vote of the Student Association, covers the expense of student government, clubs, activities, and publications for the academic year. This fee is assessed at \$8 per credit up to 12 credits up to a maximum of \$94 per semester for matriculated students.

A late registration fee of \$44 is charged to students who have not completed registration for the semester within ten days following the first day of classes.

Newly admitted students will be charged a one time \$195 non-refundable registration/orientation/testing fee for fall. Newly admitted spring student will be charged \$95.

A graduation fee of \$67 is charged to cover costs of diploma and activities. Students receiving two degrees at the same graduation ceremony will be charged an additional \$10 to cover the extra diploma cost. Students receiving two degrees at separate ceremonies will be charged the full graduation fee each time. Graduates attending commencement exercises are required to purchase a cap and gown at an approximate cost of \$25.

Full-time students should anticipate paying approximately \$400 per semester for textbooks. During the first two weeks of class, students are allowed to charge their books and supplies directly to their tuition account if they so choose. Also, some courses require the payment of a fee for supplies, materials or services in addition to tuition and books. These charges are noted in departmental program and/ or course descriptions. The fees are payable in full by students registered in a course at the close of the two week add/drop period. Partial refunds are not made.

Late fees may be assessed on any student account over \$200 if not paid by the due date. The following are established rates that will be charged on a monthly basis until the end of the semester:

- balances from \$200 to \$2,000 will be charged \$50 monthly
- balances from \$2,001 to \$5,000 will be charged \$100 monthly
- balances from \$5,001 and up will be charged \$200 monthly

Drop/Add Fee is assessed after the first two weeks of classes to those students who change their schedule. A \$15 fee will be assessed for each class adjustment. If a class is dropped after the first two weeks of classes, there will be no adjustment to the tuition account. If all classes are dropped, please refer to the Leave of Absence Policy. If classes are added, the tuition account will be adjusted accordingly.

All non-matriculated students are charged a \$50 registration fee at the time they register for courses.

## Identification Cards

All students are required to have photo identification cards that are issued by the Public Safety Office. The initial card is free. Replacement cards cost \$35. Broken cards are replaced for \$10. Broken cards should be returned to Public Safety. Arrangements for replacement cards can be made with the Public Safety Office. Identification cards are required for access to the resident halls and by a number of departments offering student services. These include the library, dining hall, and athletic department.

**Deposits**

All new and readmitted students who have been accepted for admission to Castleton are required to submit a non-refundable deposit of \$200 to the Admissions Office prior to May 1. Students admitted after April 15 should submit the deposit within ten days of acceptance. Deposits should be submitted as soon as the decision to attend Castleton has been made.

A \$100 non-refundable room deposit is required of all new and continuing students requesting a room in student residence life facilities. The deposit for Fall 2008 for returning students is due April 8, 2008.

All checks should be made payable to Castleton State College and mailed to the Student Services Center except where noted otherwise.

**Student Teaching**

A resident student living away from campus during student teaching is entitled to a refund for board for each week of student teaching. Written application for the refund must be made to the Student Services Center before the start of the student teaching experience. To assure prompt receipt of college communications, including commencement information, students must inform the Student Services Center of any mailing address being used on an interim basis while student teaching.

**Transcripts**

Transcripts of a student's academic record may be obtained by submitting a request in writing to the Student Services Center. There is no fee. Castleton reserves the right to withhold release of academic transcripts until all financial obligations have been met.

**Refunds for Resignation or Leave of Absence**

In the event of withdrawal, dismissal, resignation, leave of absence, or the dropping of classes in a manner that affects student charges, including tuition, course/lab fees, the student activity fee, and room and board charges, any refund will be calculated on a daily pro-rata basis using the same schedule utilized to determine the amount of Federal Title IV returns, with the following exceptions:

1. If a student withdraws during the first seven calendar days of the semester, the amount of refund of all student charges (tuition, fees, room, and board) will be 100 percent.
2. If a student withdraws after the 60 percent point of the semester, the amount refunded for charges for tuition, fees and room will be zero.
3. Fees paid to acquire college health insurance are NOT refundable.

NOTE: Ceasing to attend classes does not constitute the dropping of classes or withdrawal from Castleton. In order to be eligible for a refund/repayment pursuant to the above schedule, a student MUST notify the office of the academic dean of his/her withdrawal.

**Financial Aid**

The Financial Aid Office makes every effort to assist students in obtaining funds to meet their documented "need." "Need" is defined as the difference between the

calculated resources of the family and the student's budget. A student's budget usually includes costs for tuition, fees, room and board, transportation, books and supplies, and personal expenses. In some cases, medical expenses, expenses related to disability, and unusual expenses may be added. Funds received through the various financial aid programs are supplemental to the resources of the family, the efforts of the student and the assistance received by the student from other sources.

You may apply for financial aid either on-line at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) or by completing and mailing a Free Application for Federal Student Aid (FAFSA). Paper applications are available at the Student Service Center.

Vermont residents should also complete the Vermont Grant application. You may apply for this grant on-line at [www.vsac.org](http://www.vsac.org). Non-residents should check with their home state higher education agency for state grant information.

The Financial Aid Office may request additional information. Financial aid letters will be sent directly to the student at her/his home address, or during the academic year, to her/his campus mailbox. The student should respond to a request for additional information immediately. Failure to do so may result in loss or delay of financial aid.

Financial Aid is offered to admitted new students and to registered returning students. Returning students must be registered or intend to register for the period of time for which they are requesting aid. Please check the Castleton website for preferred deadlines. The types of financial aid awarded are:

**Federal Grants** – these funds do not have to be repaid and are based on need.

**Federal Work Study** – part-time employment. Students are paid directly.

**Federal Student Loans** – these funds must be repaid.

**Castleton Honors Program Scholarships** – these renewable funds do not have to be repaid and are based on merit. Honors Program Scholarships are awarded by Admissions.

**Returning Student Scholarships** – these funds do not have to be repaid and are based on merit and/or financial need. Students must complete a Castleton State College Returning Student Scholarship Application. The Castleton Scholarship Committee awards these scholarships.

Initial awards, either estimated or actual, of financial aid are based on information submitted on the Free Application for Federal Student Aid (FAFSA). Applicants who believe that circumstances exist which could change their eligibility for financial assistance should submit a letter describing those circumstances to the Financial Aid Office.

Detailed information concerning the application process, eligibility, the award process, the types of assistance available, the refund and repayment process, satisfactory academic progress and good standing for financial aid purposes and aid recipient responsibility, is available from the Financial Aid Office.

All information regarding a student's application for, or receipt of, financial assistance is confidential. The Financial Aid Office, therefore, will not release financial aid information to anyone outside of Castleton/VSC, except as required by the Department of Education, the various state grant and loan agencies that the student has applied to, or by court order, without the written consent of the student. By signing the financial aid application you give the college specific rights to discuss your application with certain agencies. Students are cautioned to carefully read all documents they sign.

Short-term loans of up to \$50 are available from the Alumni Loan Fund. These loans are non-interest bearing; however, a service charge of fifty cents (\$.50) is made for each loan. Loans from these funds are usually granted for personal expenses or emergencies that arise. Students are generally asked to repay the loan within thirty (30) days.

### **Academic Standing for Financial Aid Purposes**

To be eligible for financial aid at Castleton State College a student must be in good academic standing and must be making satisfactory progress toward completion of a degree.

### **Good Academic Standing**

A student must maintain a cumulative GPA as shown in the section "Academic Status and Improvement Policies," page 25. These standards may change during the student's enrollment period. Each student's cumulative GPA is compared to the minimum standards prior to disbursement of financial aid each semester. If the student's GPA falls below the minimum standard, he/she is ineligible for financial aid. Normally, a student will be allowed one semester of academic probation during which eligibility for financial aid will continue.

### **Satisfactory Academic Progress (SAP)**

Federal Financial aid regulations require that Federal financial aid recipients maintain a satisfactory rate of progress toward completion of a degree and must be in good standing based on a cumulative GPA.

- a. Time Progression. Students must successfully complete 67% of their attempted courses within VSC as recorded and documented by the Registrar's Office. Dropped courses will not be included. For financial aid eligibility total hours attempted, including transfer credits, cannot exceed 150% of graduation requirements.
- b. GPA requirement. Students must maintain a cumulative GPA of 1.75 based on up to 30 credits and a cumulative GPA of 2.0 for greater than 30 credits, as recorded and documented by the Registrar's Office, thereafter.

Students will be reviewed every semester. Students not making SAP will be put on probation for one semester. Students put on probation must rehabilitate their SAP level to satisfactory standing. While on probation, students will retain their financial aid eligibility. The student will lose financial aid eligibility if they do not rehabilitate their SAP after one semester of probation.

### **Appeal Process**

Students may appeal the loss of financial aid eligibility by writing to the director of financial aid. Students must include reasons for their unsatisfactory progress such as medical reasons, family crisis, etc., and they must provide a plan of action to achieve satisfactory progress. Students will be notified in writing about the decision.

### **Special Circumstances**

Students with documented disabilities may be allotted additional time for completion of courses.

### **Change in Degree Program**

All semesters of enrollment at Castleton plus calculated semesters of enrollment for transfer credits will normally be counted when the student changes degree programs. Each case will be evaluated on its own merit. Students may not extend their period of enrollment by changing their major after accumulating 90 credits.

### **Withdrawal, Incomplete, Repeated, and Non-credit Courses**

Only earned credits are counted in determining satisfactory progress. All courses that appear on the student's college transcript are counted in determining full-time/part-time status each semester.

### **Summer Session Attendance**

Courses taken during summer session will be counted on a pro-rated basis toward satisfactory progress. Twelve credits of course enrollment during a summer is equal to one full-time semester.

### **Transfer Students**

In determining whether or not a transfer student meets the satisfactory academic progress standards, previous periods of enrollment will be equated to full-time enrollment based on the number of transfer credits that are transferred to the student's current degree program. Each 16 credits transferred will equal one semester of enrollment.

### **Repayment of Financial Aid**

Students receiving financial assistance from the Federal Pell Grant program, the Federal ACG or Smart Grant Programs, the Federal Supplemental Educational Opportunity Grant program, the Federal Perkins Loan program, or the Federal Family Education Loan Program (subsidized, unsubsidized and PLUS parent loans), who change their enrollment status in such a way as to cause a reduction in their college charges or non-college expenses (room, board, books, supplies, personal expenses, travel, etc.) will be required to repay all, or a calculated portion, of the assistance received.

A copy of the Financial Aid Repayment Policy is available in the Student Service Center.

### **Vermont Residency**

To qualify as a Vermont Resident for purposes of tuition, a student must meet criteria established by the Board of Trustees. The policy of the Board is as follows:

1. The applicant shall be domiciled in Vermont, said domicile having been continuous for one year immediately prior to the date of application for a change in residency status. Changes in residency status shall become effective for the semester following the date of application.
2. 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 determined by the applicant's marital status.

3. The applicant must demonstrate such attachment to the community as would be typical of a permanent resident of his age and education.
4. Receipt of significant financial support from the applicant's family will create a rebuttal presumption that the applicant's domicile is with his family.
5. An applicant becoming a student at an institution of higher learning in Vermont within one year of first moving to the state shall have created a rebuttable presumption of residence in Vermont for the purpose of attending an educational institution.
6. A student who is eligible for tuition purposes to enroll as a resident student in another state shall not be enrolled as a "Vermont Resident".
7. The director of admissions shall classify a student enrolling at Castleton State College as a resident or non-resident for admission and tuition purposes. The decision by the director of admissions shall be based upon information furnished by the student and other relevant information. He/she is authorized to require such written documents, affidavits, verifications or other evidence as is deemed necessary.
8. The burden of proof shall in all cases rest upon the student claiming to be a Vermont resident and shall be met upon a showing of clear and convincing evidence.
9. A student with resident status will lose that status if he/she, at any time, fails to meet the above requirements. In this event, resident tuition and other charges shall continue in effect only until the end of the academic year.
10. The decision of the director of admissions on the classification of a student as a resident or non-resident may be appealed in writing to the dean of administration.

A student who wishes to declare a change in his residence of record must apply to the dean of administration. Appeal of residency decisions by the dean of administration may be made in writing to the Office of the Chancellor, Vermont State Colleges. The decision of the Office of the Chancellor shall be final.



## General Degree Requirements

To earn a degree from Castleton, a student must be formally admitted to the college. All students must satisfy the general education requirements for either the associate's degree or the bachelor's degree. In addition, all students must complete the departmental requirements for their majors. Some majors require the completion of a concentration, option or minor or have other specific requirements. A bachelor's degree requires the successful completion of at least 122 credits. An associate's degree requires the successful completion of at least 64 credits. All degrees require a minimum cumulative GPA of 2.0 for course work done at Castleton, and/or within the Vermont State Colleges since the summer of 2002. All Vermont State Colleges require students to meet graduation standards in the areas of Information Literacy, Oral Communication, Quantitative Reasoning, and Written Communication. Students completing one or more of these graduation standards at the level of Associate's or Bachelor's Degree in another VSC college, prior to matriculating at Castleton State College, will be considered to have met Castleton's standard at the comparable level.

### General Education Requirements

The goals of Castleton's general education program, which includes the Frames of Reference, are to prepare the student to search for the meaning of a good life; to develop an awareness of the interaction between personal and societal values; to foster an appreciation of the interconnectedness of all things; to stimulate intellectual curiosity and promote life-long learning.

In order to engage in meaningful and productive study, the student should develop and learn to apply a variety of skills, including reading, writing, speaking, critical thinking, using the library, and practical computing. The courses listed under the general education requirements are designed to help students develop these and other skills, and are required of all Castleton students. In addition to providing a common educational experience, these courses prepare the student for subsequent course work at Castleton, and for life beyond college.

### College Graduation Standards/Proficiency Requirements

#### Computing Requirement

Students must demonstrate computing proficiency. This proficiency may be demonstrated by completing a specific computer course or a three-credit computer intensive course in any discipline. Successful completion of BUS 1270 Principles of Computer-Based Business Information Systems, EDU 3450 Instructional Applications of Computers, ART 1230 or COM 1230 Introduction to Computing in the Arts and Humanities will satisfy this requirement. Courses fulfilling the computer requirement shall provide students with computing skills in areas such as, but not limited to, word processing, spreadsheet use, database use, presentation design, graphic production, web research, web publishing, and statistical analysis. In each course students will develop a level of skill sufficient to allow them to effectively apply these skills in other courses. In all cases students successfully completing such a course will be able to use an operating system,

manage files, and use e-mail at the level necessary to be successful in Castleton courses and entry-level employment.

### **Oral Communication Standard**

All students entering Castleton in fall 2006, or after, must demonstrate that they have met the college Oral Communication graduation standard before they can graduate. The standard is met by taking and passing ENG 1070 Effective Speaking and by receiving a passing grade on the Speaking Intensive (SI) component of an additional course. If a student is unable to receive a passing grade for the SI component after taking two courses that include the SI designation, they must take a 1-credit Supplemental Speaking course. The student will then be required to present before a group comprised of at least two faculty, or other individuals, qualified to evaluate the student's oral communication skills and a small group of volunteers drawn from the college population at large.

### **College Writing Standard**

In order to graduate from Castleton, all students must pass the college writing assessment, which consists of ENG-1061 English Composition, the writing assessment folder, and writing intensive courses. ENG-1061 should be taken within the student's first year. Students pursuing an associate's degree must pass one writing intensive course, while students pursuing a bachelor's degree must pass two writing intensive courses.

The writing assessment folder contains timed essays written by the student in ENG-1061, in the student's writing intensive courses, and the student's culminating essay. Students are eligible to sit for the culminating essay, offered each semester, when their folder contains the required number of essays from ENG-1061 and their writing intensive courses. The student's folder is reviewed by a college committee, which determines whether the folder receives a pass, a no pass, or a pass with distinction. Students whose folders do not receive a pass are encouraged to complete another writing intensive course before attempting another culminating essay.

Essays in the writing assessment folder will be evaluated according to the College's Writing Standards. For more information on the College's Writing Standards and writing assessment, please refer to *A Guide to the Castleton State College Writing Standards*, which is available at the Office of the Associate Academic Dean, the English Department, the Academic Support Center, or the Calvin Coolidge Library.

Students who transfer in a pass at the associate's level for Writing Standards from another VSC College will be required to successfully complete one additional Writing Intensive course.

### **Quantitative Reasoning Standard**

All students entering Castleton in fall 2005, or after, must receive a passing grade on the college Quantitative Reasoning assessment before they can graduate. This exam-based assessment is designed to test student competencies in basic skills related to quantitative reasoning such as algebra, logic, problem solving, and computational skills, including working with percentages. Students are encouraged to complete the assessment early in their college careers. Instruction in the skills and knowledge on which the quantitative reasoning assessment is based is available, including in introductory mathematics courses and through the Academic Support Center. Further information is available in the Associate Deans' office.



### **Information Literacy Standard**

All students entering Castleton in fall 2005, or after, must demonstrate that they have met the college Information Literacy graduation standard before they can graduate. The standard is met through a combination of library work, course work, and a test. Further information is available in the Associate Dean's office.

### **Four Frames of Reference**

The four areas of learning described below are an introduction to the variety of ways that human beings understand and explore their world and themselves. The requirements in each frame provide a starting point for further exploration of the category of human knowledge and ways of knowing represented by the frame, and may be satisfied by courses in a number of different fields of study. Students are encouraged to experiment by taking courses in academic areas with which they are unfamiliar.

Taken together, the frames provide a balance to the concentrated focus of the major by placing the student's college experience within the wider context of an intellectual heritage shared by all human beings. In addition, the frames are intended to make students aware that many academic disciplines, both within and across frames, share common concerns and themes, and that the apparent diversity of disciplines is not a cacophony of voices; it is a chorus.

The four frames of reference are as follows:

**Aesthetic Understanding and Activities** – This area of study is concerned with the forms of human expression, the value of aesthetic activities, artifacts, and experiences, and the contributions of the arts and language to human life and culture.

**Scientific and Mathematical Understanding** – This area of study is concerned with mathematical and empirical ways of knowing, pertaining to such things as nature, the universe, the human body, mathematics, logic, and critical thinking.

**World Views: Cultural, Historical, and Philosophical** – This area of study is concerned with understanding oneself in the larger contexts of one's own and other cultures as presented by the study of history, geography, language, philosophy, ethics, and anthropology.

**Social and Behavioral Understanding** – This area of study is concerned with the issues and principles involved in understanding human behavior and personality, social life and institutions, economics, and politics.

### **First-Year Seminar**

First-year and transfer students with less than 12 previously earned college credits are required to enroll in a course designated as a First-Year Seminar. These seminars are specially designed courses that emphasize the development of academic skills. See page 8 for more information.

## **Associate's Degree Requirements**

### **First-Year Seminar (FYS)**

First year and transfer students with less than 12 previously earned college credits are required to take a First Year Seminar course during their first semester.

### **Soundings**

Complete two semesters of Soundings\* (INT 1051 and/or 1052)

### **Computer Requirement**

Complete either ART 1230, COM 1230, BUS 1270, EDU 3450 or a course designated as computing intensive (CI) .

### **Oral Communication Standard**

Pass ENG 1070 Effective Speaking and the SI component of an additional course.

### **College Writing Standard**

Complete ENG 1061 English Composition and 1 Writing Intensive (WI) course. Earn a "Pass" on Writing Assessment Folder, which includes the culminating essay.

### **Quantitative Reasoning Standard**

Pass exam-based Quantitative Reasoning Assessment.

### **Information Literacy Standard**

Complete library work, course work, and pass an Information Literacy Assessment.

### **Four Frames of Reference:**

Aesthetic Understanding and Activities	3 cr
Scientific and Mathematical Understanding	3-4 cr
World Views: Cultural, Historical, and Philosophical	3 cr
Social and Behavioral Understanding	3 cr

Minimum Total Credits Required for an Associate's Degree:	64 cr
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NOTE: A course may be used to satisfy only one frame of reference. In many cases the first-year seminar course or the writing, speaking, or computer intensive courses will also satisfy the frames of reference, general education, major, or minor requirements.

The student must also complete the requirements listed under the chosen program of study. Students earning an Associate in Arts degree in General Studies may design their own program.

In order to graduate a student must attain an overall GPA of 2.0 on courses taken at Castleton.

\*Students must take both Soundings courses during their first year at Castleton. Consequently, a student may not drop Soundings unless, in the judgement of the teachers of Soundings, he or she has a very serious reason such as substantial personal hardship or prolonged illness. Students with a bachelors degree are exempt from Soundings.

Students who, prior to matriculating at Castleton, complete one or more of the "graduation standards" (oral communication, written communication, quantitative reasoning or information literacy) at another VSC college at the associate level will have met the standard in that area at Castleton.

## **Bachelor's Degree Requirements**

### **First Year Seminar**

First year and transfer students with less than 12 previously earned college credits are required to take a First Year Seminar course during their first semester.

### **Soundings**

Complete two semesters of Soundings\* (INT 1051 and/or 1052).

### **Computer Requirement**

Complete either ART 1230, COM 1230, BUS 1270, EDU 3450 or a course designated as computing intensive (CI). (PSY 3151 and/or PSY 3152 satisfy the CI requirement for Psychology majors; SOC 3910 satisfies the CI requirement for Sociology majors.)

### **Oral Communication Standard**

Pass ENG 1070 Effective Speaking and the SI component of an additional course.

### **College Writing Standard**

Complete ENG 1061 English Composition and 2 Writing Intensive (WI) courses and earn a "Pass" on the Writing Assessment Folder, which includes the culminating essay.

### **Quantitative Reasoning Standard**

Pass exam-based Quantitative Reasoning Assessment.

### **Information Literacy Standard**

Complete library work, course work, and pass an Information Literacy Assessment.

### **Literature Requirement**

Complete ENG 2260 Touchstones of Western Literature.

### **Four Frames of Reference:**

Aesthetic Understanding and Activities	6 cr
Scientific and Mathematical Understanding	10 cr
World Views: Cultural, Historical, and Philosophical	6 cr
Social and Behavioral Understanding	6 cr

Minimum Total Credits Required for a Bachelor's Degree:	122 cr
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Note: No frame of reference may be satisfied by courses having all the same prefix. No more than two courses with the same prefix may be used to satisfy the frames of reference requirements. A course may be used to satisfy only one frame of reference. In many cases the first-year seminar course or the writing, speaking, or computer intensive courses will also satisfy the frames of reference, general education, major, or minor requirements.

The student must also complete the requirements listed under the chosen program of study.

In order to graduate a student must attain an overall GPA of 2.0 on courses taken at Castleton. Students with a bachelor's degree are exempt from Soundings.

\*Students must take both Soundings courses during their first year at Castleton.

**Aesthetic Understanding and Activities**

*Each course is 3 credits unless otherwise specified.*

**Art**

ARH 1010	Introduction to Art History
ARH 1020	Critical Periods in Western Art
ARH 2011	Survey of Western Art I
ARH 2012	Survey Western Art II
ARH 2030	History of Architecture
ARH 3010	Classical Art: Greece and Rome
ARH 3030	Italian Renaissance Art
ARH 3040	The Art of Medieval Europe
ARH 3050	American Art
ARH 3051	History of Nineteenth Century Art
ARH 3052	History of Twentieth Century Art
ARH 3070	Art Since 1945
ART 1011	Drawing
ART 1020	Introduction to Studio Art
ART 2012	Drawing II
ART 2211	Painting
ART 2212	Painting II
ART 2251	Sculpture I
ART 2252	Sculpture II
ART 2301	Photography
ART 2302	Photography II
ART 2311	Printmaking I
ART 2312	Printmaking II
ART 3011	Drawing III
ART 3113	Painting III
ART 3253	Sculpture III
ART 3303	Photography III
ART 3313	Printmaking III
ART 4011	Drawing IV
ART 4114	Painting IV

**Biology**

BIO 1070	Biological Illustration
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**Communication**

COM 2050	Introduction to Film Studies
COM 2130	Experimental Video
COM 2140	Race and Gender in Mass Media
COM 3020	TV Documentary Workshop
COM 4020	Television Drama Workshop

**English**

ENG 1310	Introduction to Literature
ENG 2161	World Literature through Renaissance
ENG 2162	World Literature from Enlightenment
ENG 3170	Epic Poetry
ENG 3180	Lyric Poetry
ENG 3210	Greek Tragedy
ENG 3220	The Novel

ENG 3230	Asian Literature and Thought
ENG 3260	Western Mythology
ENG 3290	Studies in World Literature
ENG 3310	Dante
ENG 3520	American Poetry
ENG 3530	American Novel
ENG 3550	American Short Fiction
ENG 3560	American Drama
ENG 3570	American Literary Movements
ENG 3580	African American Literature
ENG 3600	American Literary Careers
ENG 3610	Women Writers
ENG 3660	Folk Tales
ENG 3670	American Culture

**Foreign Language and Literature**

FLL 1110	Film & Lit: Hispanic, French and Italian
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**Music**

MUS 1010	Music Appreciation
MUS 1020	Concerts from Castleton
MUS 1030	Music Fundamentals
MUS 1041	Class Piano I
MUS 1080	Global Music
MUS 1090	Foundations of Music
MUS 1210	Chorus
MUS 1220	Wind Ensemble
MUS 1231	Music Theory I
MUS 2031	Survey of Western Music I
MUS 2032	Survey of Western Music II

**Philosophy**

PHI 3060	Aesthetics
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**Spanish**

SPA 1180	Latin American Writers
SPA 2020	Intermed.: Intro. to Contemp. Lit.
SPA 3040	Spain: Making of Canon (1492-1899)
SPA 3050	Spain: Making of Canon (1900-present)
SPA 3060	Latin Am: Making Canon (1492-1899)
SPA 3070	Latin Am: Making Canon (1900-present)
SPA 3080	Spanish Civilization
SPA 3110	Latin American Novel and Short Story
SPA 3120	Golden Age Theater
SPA 3130	Twentieth Century Spanish Literature
SPA 3150	The Novel of Mexican Revolution
SPA 3160	Latin American Women Writers

## Scientific and Mathematical Understanding

*Each course is 3 credits unless otherwise specified.*

*In order to facilitate meeting the 10 credit requirement, students should strongly consider taking a four credit course in this frame.*

### Theater Arts

THA	1041	Introduction to Theater Arts
THA	1111	Stagecraft I
THA	2050	Introduction to Film Studies
THA	2121	Acting I

### Biology

BIO	1010	Human Body in Health and Disease
BIO	1070	Biological Illustration
BIO	1160	Flora and Fauna of Vermont
BIO	1270	Horticulture of Medicinal Plants
BIO	1320	Tropical Diversity
BIO	1710	Survey of Infectious Diseases
BIO	2011	Human Anatomy and Physiology I (4 cr)
BIO	2012	Human Anatomy and Physiology II (4 cr)
BIO	2140	Botany
BIO	2310	Animal Diversity
BIO	3710	Natural History of the Galapagos

### Chemistry

CHE	1020	Introductory Chemistry
CHE	1031	General Chemistry I (4 cr)
CHE	1032	General Chemistry II (4 cr)

### Computer Information Systems

CIS	2011	Visual Basic Programing
CIS	2031	C/C++ Programming I
CIS	2032	C/C++ Programming II

### Geology

GEY	1010	Explorations in Geology (1 cr)
GEY	1030	Dynamic Earth (4 cr)

GEY	1040	Environmental Geology (4 cr)
GEY	1050	The Earth Throughout Time (4 cr)
GEY	1710	Geology of the National Parks
GEY	2110	Energy and the Environment (4 cr)
GEY	2310	Geology of Costa Rica
GEY	3110	Hydrogeology (4 cr)

### Mathematics

MAT	1221	Finite Mathematics
MAT	1320	Precalculus
MAT	1530	Applied Calculus
MAT	1531	Calculus I (4 cr)
MAT	2021	Statistics I
MAT	2022	Statistics II
MAT	2532	Calculus II (4 cr)
MAT	2550	Math: A Cultural Perspective
MAT	3250	Applied Statistics

### Music

MUS	1231	Music Theory I
MUS	1232	Music Theory II

### Physical Education

AHS	2150	Designs for Fitness
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### Physics

PHY	1110	Introduction to Astronomy
PHY	1140	Astronomy: Exploring the Universe (4 cr)
PHY	1150	Physics for Elementary Teachers (4 cr)
PHY	2110	Physics I (4 cr)

### Philosophy

PHI	1030	Introduction to Logic
PHI	3050	Philosophy of Science

### Science

SCI	1310	The History of Science
SCI	2710	The Science of Sustainability

## World Views: Cultural, Historical and Philosophical

*Each course is 3 credits unless otherwise specified.*

### Art

ARH	1010	Introduction to Art History
ARH	1020	Critical Periods of Western Art
ARH	2011	Survey of Western Art I
ARH	2012	Survey of Western Art II
ARH	2030	History of Architecture
ARH	3010	Classical Art: Greece and Rome
ARH	3030	Italian Renaissance Art
ARH	3040	The Art of Medieval Europe
ARH	3051	History of Nineteenth C. Art
ARH	3052	History of Twentieth C. Art
ARH	3070	Art Since 1945

### Communication

COM	2160	International Communication
COM	2250	History of Mass Media
COM	3130	International Cinema

### Economics

ECO	2120	U.S. Economic History
ECO	3220	International Trade and Development

### English

ENG	2161	World Literature through Renaissance
ENG	2162	World Literature from Enlightenment
ENG	3260	Western Mythology
ENG	3170	Epic Poetry
ENG	3220	The Novel
ENG	3230	Asian Literature and Thought
ENG	3290	Studies in World Literature
ENG	3310	Dante
ENG	3660	Folk Tales

### Foreign Language and Literature

FLL	1110	Film and Lit: Hispanic, French and Italian
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### French

FRE	1111	French I
FRE	1112	French II
FRE	2011	French III
FRE	2012	French IV

### Geography

GEO	2090	Africa
GEO	2150	Cultural Geography

### History

HIS	1010	Roots: Global Problems and Issues
HIS	1111	World History I
HIS	1112	World History II
HIS	1210	Survey of U.S. History
HIS	2290	European Renaissance: Origins/Impacts
HIS	2295	The French Revolution
HIS	2410	History and Culture of Latin America
HIS	2431	African History before 1865

HIS	2530	Women in History
HIS	3170	Environmental History
HIS	3220	Revolution in Latin America
HIS	3355	The Enlightenment
HIS	3510	Chinese History and Culture
HIS	3520	Japanese History and Culture
HIS	3580	Dem. Rev./Global Experience

### Mathematics

MAT	2550	Math: A Cultural Perspective
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### Music

MUS	2031	Survey of Western Music I
MUS	2032	Survey of Western Music II

### Philosophy

PHI	1010	Introduction to Philosophy
PHI	1040	Introduction to Ethics
PHI	2010	Comparative Religions
PHI	3011	History of Philosophy I
PHI	3012	History of Philosophy II
PHI	3110	Metaphysics

### Political Science

POS	3221	Political Philosophy I
POS	3222	Political Philosophy II

### Sociology

ANT	1010	Intro. to Cultural Anthropology
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### Spanish

SPA	1011	Spanish I
SPA	1012	Spanish II
SPA	1180	Latin American Writers
SPA	2011	Spanish III
SPA	2012	Spanish IV
SPA	2020	Intermediate Spanish Literature
SPA	2030	Spanish American Cultures
SPA	3010	Advanced Spanish Grammar
SPA	3030	Advanced Spanish Composition
SPA	3040	Spain: Canon (1492-1899)
SPA	3050	Spain: Canon (1900-now)
SPA	3060	Latin Am: Making Canon (1492-1899)
SPA	3070	Latin Am: Making Canon (1900-now)
SPA	3080	Spanish Civilization
SPA	3110	Latin American Novel & Short Story
SPA	3120	Golden Age Theater
SPA	3130	Twentieth Century Spanish
SPA	3150	Novel of Mexican Revolution
SPA	3160	Latin American Women Writers

### Theater

THA	2010	Survey of Theater History
THA	3135	International Cinema

### Women's Studies

WMS	1020	Introduction to Women's Studies
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## Social and Behavioral Understanding

*Each course is 3 credits unless otherwise specified.*

### Communication

COM 1220 Introduction to Communication  
COM 3050 Media and Politics

### Economics

ECO 1010 Economics and Society  
ECO 2010 Economic Analysis  
ECO 2110 International Trade and Development  
ECO 3050 Women in the Economy  
ECO 3210 Great Ideas in Economics

### Environmental Studies

ENV 1210 Environmental Harm & Mit.

### Music

MUS 1080 Global Music

### Physical Education

AHS 2120 Wellness For Life

### Philosophy

PHI 2060 Business Ethics  
PHI 3020 Medical Ethics  
PHI 3160 Environmental Ethics

### Political Science

POS 1020 American Politics and Government  
POS 1030 Comparative Politics and Government  
POS 2040 International Relations

### Psychology

PSY 1010 Introduction to Psychology  
PSY 2040 Social Psychology

### Sociology

SOC 1010 Introduction to Sociology  
SOC 1030 Social Problems

### Social Sciences

SSC 1010 Introduction to Study of Community

### Social Work

SWK 1010 Introduction to Human Services

### Women's Studies

WMS 1020 Introduction to Women's Studies



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# Courses of Study

## Art Department

*Department Chair: Professor Jonathan Scott*

Art is offered as a degree program leading to the Bachelor of Arts in Art. The Art Program at Castleton is a strongly humanistic course of study in which students develop skills in creative and critical thinking and aesthetic and historical appreciation.

Departmental trips to New York City galleries and museums bring students in contact with original historic and contemporary works of art. Many galleries and museums, such as the Hood Museum, the Williams College Museum, the Clark Museum, Mass MOCA, the Middlebury College Museum, and the Fleming Museum are within easy reach of the campus. The Art Students League, a campus club, sponsors visiting artists, film series, studio visits, and collaborative projects as well as trips.

Specific Program Requirements:

**1. Bachelor of Arts in Art (BA.ART)**

Students graduating with a Bachelor of Arts in Art will be able to demonstrate:

- 1. An understanding of the process of making art.
- 2. An art historical perspective.
- 3. A personal context and direction in studio work.

Graduates of the art program have worked in graphic design studios and started graphic design and other art production businesses, worked in museums and galleries, entered Master of Fine Arts and other degree programs and, in conjunction with coursework in education, gained licensure and taught art in elementary and secondary schools in Vermont and other states.

Complete the first-year foundation program in art:

ARH	1020	Critical Periods of Western Art (Spring)	3 cr
ART	1011	Drawing I (Fall)	3 cr
ART	1020	Introduction to Studio Art (Fall)	3 cr
ART	1030	Composition & Concepts in Painting (Spring)	3 cr

Complete the following art courses:

ARH	2011	Survey of Western Art I (second year)	3 cr
ARH	2012	Survey of Western Art II (second year)	3 cr
ART	2012	Drawing II (third year)	3 cr
ART	2251	Sculpture I (second year)	3 cr
ART	2311	Printmaking I (second year)	3 cr
ART	3131	Professional Studio Arts I (third year)	3 cr

ART 4133	Professional Studio Arts II (fourth year)	3 cr
ART 4920	Senior Exhibition/Presentation (fourth year)	1 cr
Choose a field of concentration and complete three courses beyond the introductory course as listed:		
Painting		9 cr
ART 2212, 3113, or 4114		
Sculpture		
ART 2252, 3253, or 4254		
Printmaking		
ART 2312, 3313, or 4314		
Photography		
ART 2302, 3303, or 4304		
Graphic Arts		
ART 2010	Introduction to Computer Graphic Design	
ART 2040	Typographic Design	
ART 2140	Advertising Design	
ART 2160	Publication Design	
ART 2221 or 2222	Computer Graphics I or II	
ART 3110	Children's Book Illustration	
ART 3130	Web Graphics	
Art History		
ARH 2030, 3010, 3030, 3040, 3050, 3051, 3052, or 3070		

Portfolio evaluation will take place in the Junior year.

Total credits required: 43 cr

## 2. Minor in Art History (ARH)

Any student may earn a minor in Art History by taking 18 credits in art history courses to include ARH 2011 Survey of Western Art I and/or ARH 2012 Survey of Western Art II and no more than 3 credits of Independent Study. The remaining credits must be chosen from upper level Art History courses (2000 and above). This minor generally requires a minimum of four semesters to complete.

## 3. Minor in Studio Art (SAR)

Any student may earn a minor in Studio Art by taking 18 credits in studio courses to include:

ARH 1010	Introduction to History of Art	3 cr
ART 1011	Drawing	3 cr
ART 1020	Introduction to Studio Art	3 cr
Two upper level studio courses (2000 and above)		6 cr
ART 3131	Professional Studio Arts I *	3 cr

\*Recommend this be taken after fulfillment of all other Art requirements.

## Business Administration Department

*Department Chair: Professor Paul Albro*

*Coordinator of Accounting Concentration: Professor Angele Brill*

*Coordinator of Management Concentration: Professor Paul Albro*

*Coordinator of Marketing Concentration: Associate Professor Thomas Rutkowski*

The Department of Business Administration offers both an Associate in Science degree program and a Bachelor of Science degree program. The associate degree is available through the arrangement of courses into a contract which is set up under the direction of the academic advisor. The Bachelor's programs include a major in Business Administration with concentrations in Accounting, Management, and Marketing.

Specific Program Requirements:

### **1. Associate in Science in Business by Contract (AS.BUS.CNT)**

An Associate degree is designed to allow a student to complete a degree within two years in an area of interest. This degree would be appropriate for students who desire to obtain an initial college degree prior to making the commitment to complete a four-year degree. Courses completed for an associate degree can be applied to the completion of a four-year degree.

All majors must complete the following courses:

BUS	1270	Principles of Computer-Based Information Systems	3 cr
BUS	2020	Principles of Management	3 cr
BUS	2370	Practical Business Writing	3 cr
BUS	3131	Business Law I	<u>3 cr</u>

Credits required: 12 cr

Complete an AS.BUS.CNT contract which must include 30 credits within the Department of Business Administration with prior approval of the student's faculty advisor. Of these 30 credits up to 9 credits may be from non-business areas if, in the opinion of the student and the advisor, such courses will make a contribution to the student's objectives. A student wishing to concentrate the 30 credits in a specific area such as Accounting, E-Commerce, Management, or Marketing must consult with the faculty advisor.

### **2. Bachelor of Science in Business Administration**

The Department of Business Administration strives to provide an atmosphere that is conducive to ethical behavior and intellectual growth. The department core is designed to provide a foundation of general business knowledge on which individual programs within the department can build. Students successfully completing a Business Administration major will be able to compete effectively for professional employment, understand the importance of professional behavior, possess a strong work ethic, and be prepared to pursue lifelong learning including graduate school and beyond.

Students completing a Bachelor of Science in Business Administration will be proficient in:

- Defining, analyzing, and solving problems in both an individual and group environment.
- Recognizing and using effective verbal and written communication skills.
- Using microcomputers and other technologies generally used in an entry-level business environment.

All majors must complete the following courses:

ACC	2101	Accounting I	3 cr
ACC	2102	Accounting II	3 cr
BUS	1270	Principles of Computer-Based Information Systems	3 cr
BUS	2020	Principles of Management	3 cr
BUS	2230	Principles of Marketing	3 cr
BUS	3131	Business Law I	3 cr
BUS	3230	Financial Management	3 cr
BUS	4080	Business Strategy and Policy Development	3 cr
ECO	2040	Macroeconomics in a Global Context	3 cr
ECO	2050	Microeconomics in a Global Context	<u>3 cr</u>
Total credits required:			30 cr

and one of the following concentrations:

#### **a. Accounting (BS.BUS.ACC)**

The Accounting Program defines the accounting profession broadly. It includes career paths in public accounting as practiced in large, medium, and small firms, corporate accounting (including financial management, controllership, treasury, financial analysis, planning and budgeting, cost accounting, internal audit, systems, tax, and general accounting), and government and not-for-profit accounting.

The Accounting Program prepares students to become professional accountants, not to be professional accountants at the time of entry to the profession. To attain and maintain the status of a professional accountant requires continual learning. Therefore, pre-entry education should lay the base on which life-long learning can be built. The base on which life-long learning is built has three components: skills, knowledge, and professional orientation.

Students completing a Bachelor of Science in Business Administration with a concentration in Accounting will be well prepared for their first position in the field of accounting.

ACC	2103	Accounting Tools	2 cr
ACC	3011	Advanced Intermediate Accounting I	3 cr
ACC	3012	Advanced Intermediate Accounting II	3 cr
ACC	3020	Cost Accounting	3 cr
ACC	4010	Accounting Information Systems	3 cr
ACC	4021	Advanced Accounting	3 cr

ACC	4030	Governmental & Not-for-Profit Accounting	3 cr
ACC	4041	Income Tax I	3 cr
ACC	4050	Auditing & Assurance Services	<u>3 cr</u>
Total credits required:			26 cr

It is strongly recommended that students desiring to sit for the CPA exam (or any other professional accounting exam) become familiar with the licensing requirements of the state where they believe they most likely will take the exam and obtain licensure since state requirements vary significantly. Students considering taking the CPA exam in Vermont will need to take MAT 2021, Statistics I.

### **b. Management (BS.BUS.MGT)**

Students completing a Bachelor of Science in Business Administration with a concentration in Management will be well prepared for their first position in management.

ACC	3010	Accounting For Management Decisions	3 cr
BUS	2030	Case Studies in Business Management	3 cr
BUS	3250	Organizational Development and Behavior	3 cr
BUS	4110	Operations Management	3 cr
BUS	4130	Quantitative Business Decisions	3 cr
plus 9 credits of electives approved by the department			<u>9 cr</u>
Total credits required:			24 cr

### **c. Marketing (BS.BUS.MKT)**

Marketing is a critical component to the health and growth of any organization. It is more important than ever in a time of turbulent change and increased competition, both domestically and internationally. Effective, measurable marketing will continue to be key to corporate survival in the 21<sup>st</sup> century.

The Marketing concentration offers a wide range of courses, which cover basic and advanced concepts as well as marketing strategy. Students learn to make strategic and tactical decisions regarding the product, pricing, promotion, and distribution elements of the marketing mix. Courses are taught by expert, qualified faculty with significant “real-world” marketing experience.

Students completing a Bachelor of Science in Business Administration with a concentration in Marketing will be well prepared for their first position in marketing.

ACC	3010	Accounting for Management Decisions	3 cr
BUS	3060	Consumer Behavior	3 cr
BUS	3210	Advertising	3 cr
BUS	4030	Marketing Research	3 cr
BUS	4040	Marketing Strategies	3 cr
plus 9 credits of electives approved by the department			<u>9 cr</u>
Total credits required:			24 cr

Students are encouraged to use elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

**NOTE:** It is recommended that students who wish to become certified in Business Education should complete a double major in Business and a Liberal Arts discipline and then continue into the graduate program in education to complete licensure requirements.

### **3. Minor in Business Administration (BUA)**

Available to non-Business majors only. 18 credits to include the following or 18 credits in Business approved by the Department of Business Administration:

ACC	2101	Accounting I	3 cr
BUS	1270	Principles of Computer-Based Information Systems	3 cr
BUS	2020	Principles of Management	3 cr
BUS	2230	Principles of Marketing	3 cr
BUS	3131	Business Law I	3 cr
BUS	3230	Financial Management	<u>3 cr</u>
Total credits required:			18 cr



## Communication Department

*Department Chair: Professor Tom Conroy*

Students in Communication programs prepare for careers, graduate school, and private life in the media environment through a balance of theory and production at the program, course, and even class level. Students master knowledge and skills applicable to the wide breadth of the communication field as well as those particular to depth in one or more specific area. The following programs are offered in Communication: a Bachelor of Science degree in Communication with concentrations in Mass Media, Journalism, Public Relations, Digital Media, or Concentration by Contract; and an Associate of Science in Communication. A minor is also offered.

Specific Program Requirements:

### 1. Bachelor of Science in Communication

Bachelor of Science graduates in Communication will be aware of the nature of the communication enterprise:

- a. as a force in shaping social, economic, and political structure;
- b. from ethical and ideological perspectives;
- c. from global and national perspectives.

Graduates will also be able to:

- a. research and analyze material;
- b. write well;
- c. competently use a variety of technological media;
- d. produce material of high quality in one or more media;
- e. work collaboratively;
- f. make sound choices in the design and meaning of their messages and productions.

Finally, graduates will have:

- a. the ability to think independently and critically;
- b. the flexibility necessary to adapt to rapid changes in the field;
- c. an understanding of the need to balance and evaluate personal, organizational, and public concerns in the process of creative production.

### All majors must complete the following courses:

COM 1040	Media Writing	3 cr
COM 1211	Video Workshop I	3 cr
COM 1220	Introduction to Communication	3 cr

Three credits of literature in addition to ENG 2260 3 cr

One of the following two courses:

COM 2140	Race and Gender in Mass Media or	
COM 2260	Mass Media and Society	3 cr



In their senior year, one of the following courses: 3 cr

- COM 4720 Seminar in Communication or
- COM 4810 Internship or
- COM 4850 Senior Project in Communication

plus 15 additional credits in Communications 15 cr  
33 cr

and complete one of the following concentrations: (see also minor or related concentration requirements on page 74).

**a. Mass Media (BS.COM.MME)**

Complete the following: 12 cr

- COM 2050 Introduction to Film Studies
- COM 2170 Radio Programming and Production
- COM 2212 Video Workshop II
- COM 2250 History of Mass Media

and one of the following courses: 3 cr

- COM 2160 International Communication
- COM 3020 Documentary Workshop
- COM 3760 Special Topics in Mass Media
- COM 4020 Screen Drama Workshop

**b. Journalism (BS.COM.JOU)**

Complete the following: 15 cr

- COM 2230 News Gathering and Writing
- COM 2270 Newspaper Editing
- COM 3010 News Media Ethics and Law
- COM 3060 Feature Writing
- COM 3780 Special Topics in Journalism

**c. Public Relations (BS.COM.PRL)**

Complete the following: 12 cr

- COM 2150 Public Relations
- COM 2212 Video Workshop II
- COM 2220 Web Content and Site Development
- COM 2230 News Gathering and Writing

and one of the following courses: 3 cr

- COM 3750 Special Topics in Public Relations
- COM 3050 Media and Politics

**d. Digital Media (BS.COM.DGM)**

Complete the following: 9 cr

- COM 2220 Web Content and Site Development

COM 3120	Multimedia	
COM 4010	The Future of Communication	
and two of the following courses:		6 cr
ART 2010	Introduction to Computer Graphic Design	
ART 3130	Web Graphics	
CIS 3130	Desktop Publishing	
COM 2221	Computer Graphics I	

#### **e. Concentration by Contract (BS.COM.CNT)**

The concentration by contract is designed to provide the student with a coherent body of knowledge and skills that cut across traditional intra- and interdisciplinary boundaries. Examples of such a concentration include Popular Culture Studies or American Studies, Arts Administration, and Photography. Normally in their sophomore year, and always by the end of their junior year, Communication concentrators by contract, in conjunction with their advisors, will develop a proposal for their course of study. The proposal will be reviewed by the entire department and academic dean's office.

In addition to the 33 credits of overall BS.COM requirements listed on the previous pages, concentrators by contract must complete the following:

15 credits in contracted courses.	<u>15 cr</u>
Total credits in Communication major	48 cr

**Students must also complete an 18 or more credit minor or related concentration approved by the faculty advisor. The minor may not be in Communication, nor may it include any courses the student applies to the major requirements. Should the major and minor require the same course, a relevant substitution is required in one or the other.**

### **2. Associate in Science in Communication (AS.COM)**

Complete the following:

COM 1040	Media Writing	3 cr
COM 1211	Video Workshop I	3 cr
COM 1220	Introduction to Communication	3 cr
COM 2170	Radio Programming and Production	3 cr
COM 2230	News Gathering and Writing	3 cr
COM 2260	Mass Media and Society	3 cr
and 12 additional credits in COM.		<u>12 cr</u>
Total credits in Communication major		30 cr

### **3. Minor in Communication (COM)**

Any student may earn a minor in Communication by taking 18 credits in Communication courses. The department recommends that students work with an advisor in the Communication Department to develop a sequential course of study and/or to determine a minor by contract. NOTE: Communication program credit may be earned by participating in appropriate special courses through the London Semester Program and/or other special workshops.

### **4. Minor in Film Studies (FIL)** (See Theater program description, pg.151.)

# Computer Information Systems

*Coordinator: Professor Michael J. Bethel (Business Administration)*

**T**his program, which draws on the computing resources and expertise of faculty at Castleton, will teach students information technology skills in high demand in business firms, large and small, in Vermont and nationally.

Specific Program Requirements:

## **1. Bachelor of Science in Computer Information Systems/Business (BS.CIS.BUS)**

All majors must complete the following courses from Business:

ACC	2101	Accounting I	3 cr
ACC	2102	Accounting II	3 cr
BUS	2020	Principles of Management	3 cr
BUS	2230	Principles of Marketing	3 cr
BUS	3230	Financial Management	3 cr
CIS	3040	Databases	<u>3 cr</u>
			18 cr

and six of the following courses from programming: 18 cr

CIS	2011	Visual Basic
CIS	3022	Advanced Visual Basic
CIS	2031	C/C++ Programming I
CIS	2032	C/C++ Programming II
CIS	2161	Cobol I
CIS	2162	Cobol II
CIS	2271	Java Programming
CIS	3040	Computer Security
CIS	3272	Advanced Java Programming

and the following courses from information technology:

BUS	4220	Networking	3 cr
CIS	4010	Web Technology	3 cr
CIS	4120	Systems Analysis and Design	3 cr

and complete:

BUS	4810	Internship	<u>3 cr</u>
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Total credits required: 48 cr

## **2. Minor in Computer Information Systems (CIS)**

All minors must complete the following courses:

BUS	1270	Principles of Computer Information Systems	3 cr
CIS	2011	Visual Basic	3 cr
CIS	3022	Advanced Visual Basic	3 cr

CIS	4120	System Analysis and Design	<u>3 cr</u>
			12 cr
and two of the following courses:			
BUS	4220	Networking	3 cr
CIS	2031	C/C++ Programming I	3 cr
CIS	2032	C/C++ Programming II	3 cr
CIS	2161	Cobol I	3 cr
CIS	2162	Cobol II	3 cr
CIS	3040	Database	<u>3 cr</u>
		Total credits required minor	18 cr



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## Education Department

*Department Chair: Professor Radha Bhatkal*

*Director of Field Experiences and Licensure Officer: Assistant Professor Joanne Pluta*

*Coordinator of Multidisciplinary Studies: Associate Professor Deborah Waggett*

The Education Department offers both graduate and undergraduate programs. The undergraduate program leads to licensure in Elementary Education, Special Education and Secondary Education. The department has a long-standing commitment to the liberal education of teachers. The undergraduate program complements and integrates the liberal arts and sciences with a professional course sequence; all undergraduates wishing to become teachers must complete a liberal arts or science major as well as complete the requirements for one of the three education licensure sequences below. In addition, each student choosing to become a teacher is responsible for developing a portfolio. The portfolio is built during all semesters of the undergraduate experience. It will demonstrate individual learning and growth as well as how individual course work and field experiences work together to foster proficiency in meeting Vermont State regulations and standards.

The Education Department faculty hold high expectations for their students. As a result of the teacher education program, students are expected to meet a variety of goals: an ability to demonstrate knowledge of teaching and learning processes, classroom planning and management strategies, working effectively with all students in inclusive classrooms, and appropriate assessment procedures. As a result of the liberal arts major and core requirements, students will also be expected to demonstrate depth of understanding in the liberal arts and sciences of their choosing.

Courses within the department and field experiences in the local schools focus on the knowledge, skills and understanding necessary to be successful in the contemporary school system. Classroom discussions and interactions among students foster group problem solving and individual reflection. Beyond the classroom, the department fosters a supportive and reflective climate through advising and sponsorship of student organizations.

Field clinical experiences are those in which the student becomes involved in a collaborative relationship in a school and/or community environment. They are an integral part of all programs. In the schools the student is expected to develop and play a variety of important roles: observer, helper, tutor, and ultimately teacher. The role becomes more complex as students advance in their program, which culminates in a semester long student teaching experience. A minimum of 80 scheduled hours of field experience is required prior to student teaching.

Teaching in the elementary and secondary schools requires a strong liberal arts background. At Castleton, students can develop their knowledge of the liberal arts disciplines

through the general education requirements that pertain to all programs. In addition, elementary education majors must either possess or develop strong content knowledge across the four critical liberal arts areas addressed in the elementary classroom: English, history/social studies, mathematics, and science.

Beginning in the fall of 2007, the Education Department, in collaboration with liberal arts and local K-12 faculty, will phase in a new program for prospective teachers. Opportunities for deep study in education occur in Inquiry I early in the students' educational career and then again in Inquiry II. Inquiry I introduces students to pedagogical practice and theory, as well as to the electronic Portfolio process that they will use throughout their program to record and assess their progress toward the goal of achieving teacher licensure. Inquiry II is devoted to honing pedagogical expertise through previously acquired content knowledge with extended opportunities both to work in local schools with teachers and to meet and discuss theory and practice in site-based seminars. The final semester is devoted to a full-time internship in the classroom. Along the way, liberal arts lab courses and education workshops will keep prospective teachers connected to the public schools. Between Inquiry I in the first year and Inquiry II in the semester leading up to student teaching, gateways will be used to assess teacher candidate progress through the program.

**Inquiry I requires that students register for:**

EDU 1000	Introduction to Education	7 cr
EDU 1100	Education Technology	3 cr

EDU 1000 introduces students not only to the knowledge base (foundations, curriculum, special education, assessment, and literacy.) that define the profession, but also the set of skills and dispositions (collaboration, reflection, inquiry, service learning, and advocacy.) required of teachers. In EDU 1100, students will use state standards, electronic portfolios and technology to enhance teaching and learning. The purpose of Inquiry I is to foster a developing awareness of teaching and learning that will be encouraged and deepened across subsequent experiences.

Upon completion of Inquiry I, students must satisfy the requirements of Gateway I:

- receive a positive recommendation encouraging continuation in the program;
- earn a cumulative GPA of 2.75;
- select education and liberal arts faculty advisors;
- identify a liberal arts major;
- complete and submit the Declaration of Undergraduate Program (DUAP) form;
- make progress toward completion of General Education Program;
- pass PRAXIS I or meet the alternative requirements.

**Learning and Professional Knowledge**

Following completion of Gateway I, the program's emphasis will be on completing the requirements of a liberal arts major as well as the general education requirements.

Additionally, during these semesters, prospective teachers will complete the required number of labs in pedagogy associated with liberal arts courses and select from the optional educational workshops.

### **Liberal Arts Courses with Labs in Pedagogy**

The pedagogy lab experiences are one-credit courses connected to selected liberal arts courses. The labs provide prospective teachers with a series of opportunities to develop pedagogical content knowledge expected of exemplary teachers. Prospective teachers will complete a minimum of five liberal arts labs during this experience. Students seeking Secondary Licensure must complete at least four lab courses in subjects directly related to their liberal arts major. Students seeking Elementary Licensure must complete one lab course each in science, history, geography, English, and the fine arts. Additionally education workshops are available through the Center for Schools.

Prospective teachers will continue to build their electronic portfolios by providing evidence that demonstrates their understanding of the central connections between content and pedagogy.

Upon completion of general education requirements, a liberal arts major and pedagogical labs, students must satisfy the requirements of Gateway II :

- pass the first portion of their electronic portfolio
- earn a cumulative GPA of 3.0, including a 3.0 in their liberal arts major and a 3.0 in their liberal arts labs and optional education workshops;
- pass PRAXIS II
- receive a recommendation from members of their education and liberal arts faculty team to continue in the teacher education program

Students who have passed through Gateway II are prepared to enroll in the final experience, Inquiry II, of their education major. Students register for the following courses over a two semester period.

EDU 4710	Education Theory and Practice	14 cr
EDU 4871	Directed Student Teaching I	6 cr
EDU 4872	Directed Student Teaching II	6 cr
EDU 4720	Student Teaching Seminar	3 cr

Inquiry II is a year-long immersion opportunity, dedicated to further connecting classroom, lab and workshop learning to the authentic experience of teachers in schools. Students will take EDU 4710, Education Theory and Practice, in the semester before they undertake student teaching. This course will broaden and deepen the prospective teacher's understanding of teaching philosophies, theories, and practices. Prospective teachers will reconsider their curriculum thus far while they work

a) to extend their knowledge in the areas of literacy, learning theory, and inclusion; curriculum, instruction, and assessment; diversity, social justice, and service learning; b) to extend their skills, including reflection, inquiry, and action research; collaboration within the wider school community; classroom leadership; and c) to strengthen the professional dispositions required of excellent teachers. Prospective teachers will continue to work on their electronic portfolios, practice reflective and analytical writing, and heighten their commitment to the enterprise of teaching and learning. Students should expect to spend 180 hours in the field and an additional 120 hours in college classrooms.

During the final semester, interns registered for EDU 4871 and EDU 4872 will work full time in the local school setting with a mentor teacher alongside of colleagues from their Education and Liberal Arts program. EDU 4720, the Student Teaching Seminar will provide interns with a weekly opportunity to debrief that work as well as progress toward successful passage through the final gateway, licensure. In addition to the requirements for state licensure listed on page 80, students must earn a “meets standards” on the portfolio.

To be recommended for licensure the student must:

1. Complete all college and departmental course requirements.
2. Pass both ETS Praxis I and Praxis II examinations.
3. Exemplify in conduct and attitude the maturity, judgment, ethical standards, and dedication expected in the teaching profession.
4. Receive a grade of “B” or better in EDU 4871, EDU 4872 and a “Pass in EDU 4720.
5. Complete all coursework with a cumulative GPA of 3.0 and a GPA of 3.0 in Education courses.

NOTE: A student may be advised to discontinue the student teaching experience at any time, if, in the professional judgment of the college supervisor, the director of field experience and cooperating teacher, the student does not possess the attitudes and competencies noted above.

Students transferring into Castleton State College with more than 30 credits may pursue licensure requirements according to the old program.

### **Program for Transfer Students**

Transfer students with more than 30 credits may apply to be accepted into the Education Department, however they must satisfy the gateways and take the courses of the previous program as set forth on the next 3 pages of the catalog. These students must:

1. Demonstrate intellectual competence in the core curriculum and in his/her academic major by obtaining an overall GPA of 2.75.
2. Achieve passing scores on all three Praxis I pre-professional subtests (reading score of 177, writing score of 174, Mathematics score of 175), or a composite Praxis I score (total of three scores) of at least 526, or GRE (Graduate Record Exam)



combined scores of 1100 (verbal minimum 500, quantitative minimum 500), or SAT combined score of 1100 (verbal minimum 500, mathematics minimum 500, or ACT English score of 22 and Mathematics score of 22.

3. Complete EDU 2010, EDU 2870, and EDU 2110. A grade of “B” or better must be earned in each of these courses, except EDU 2870 which is taken Pass/No Pass.
4. Complete the required application and essay. (Copies of the application form, essay questions and evaluation rubric are available in the Education Office.)

To be accepted into Student Teaching, the transfer student must:

1. Demonstrate intellectual competence by having attained a cumulative GPA of 3.0 and a GPA of 3.0 in Education courses or written certification and substantiation of intellectual competence by an academic dean.
2. Pass the related Praxis II examination before teaching. Exams must be taken in the following licensure areas: Elementary Education (K-6), Mathematics (7-12, Social Studies (7-12), English (7-12), and Science (7-12).

*NOTE: The State of Vermont may require Praxis II tests in other licensure areas in the future.*

3. Submit a letter of recommendation from a faculty member representing the liberal arts major.
4. Complete a minimum of 80 scheduled hours of field experience through related course work.
5. All required education course work must be completed.

NOTE: A student may be denied admission to student teach, if, in the professional judgment of the education department faculty, the student does not possess the maturity, judgment, ethical standards, and dedication expected in the teaching profession.

### **1. Elementary Education Licensure Requirements:**

Transfer students seeking initial licensure in Elementary Education must complete one of three designated options:

- a. The multidisciplinary studies major (see page 84), or
- b. A major in literature, history, mathematics, or the natural sciences. Students electing this option will be required to take the ETS Praxis II examination for elementary education.
- c. A student may choose any Liberal Arts major as allowed by the Vermont State Board of Education if passing scores are received on Praxis II prior to the selection of the major.

If the student does not earn a passing score on the Praxis II examination for elementary education content knowledge, then the student must submit a written plan outlining the strategies by which he or she intends to strengthen identified content area deficiencies. This plan should be developed in consultation with the student’s advisor in his/her liberal arts major; and it must be formally submitted to the student’s liberal arts and Education Department advisors and to the director of field experiences within six months of receiving the test results.

All majors must take the following courses:

EDU 2010	Foundations of Education	3 cr
EDU 2110	Introduction to Exceptional Populations	3 cr
EDU 2870	Early Field Experience	1 cr
EDU 3040	Developing Literacy K-6	3 cr
EDU 3330	Models of Teaching: Elementary	4 cr
EDU 3340	Exploring the Process of Curriculum Development	3 cr
EDU 3410	Educational Assessments	3 cr
EDU 3450	Instructional Application of Computers	3 cr
(Fulfills general education computer proficiency requirement)		
EDU 4720	Student Teaching Seminar	3 cr
EDU 4871	Directed Student Teaching I	6 cr
EDU 4872	Directed Student Teaching II	6 cr

and one of the following courses: 3 cr

PSY 1050	Human Growth and Development
PSY 2110	Educational Psychology

and one of the following literature courses:

ENG 2411	Nineteenth Century Children's Literature
ENG 2412	Twentieth Century Children's Literature
ENG 3620	Introduction to Children's Literature
ENG 3630	Poetry for Children
ENG 3640	Images of the Child in Literature
ENG 3650	Art of Children's Book Illustration
ENG 3660	Folk Tales

Or approval by the Education Department of another appropriate children's literature course offering.

3 cr

Total credits required: 44 cr

Recommended electives:

EDU 3050	Analyzing Reading Difficulties	3 cr
EDU 3270	Intercultural Sensitivity in Education	3 cr
EDU 3430	Math/Science Methods: Elementary	3 cr

## 2. Secondary Education Licensure Requirements

Transfer students seeking licensure in Secondary Education must take a liberal arts or science major in Art, Biology, Geology, History, Literature, Mathematics, Spanish, Music, Environmental Science, Social Studies, Social Sciences by Contract, or Theater Arts.

All majors must take the following courses:

EDU 2010	Foundations of Education	3 cr
EDU 2110	Introduction to Exceptional Populations	3 cr
EDU 2870	Early Field Experience	1 cr

EDU 3170	Reading and Writing in the Content Area	3 cr
EDU 3340	Exploring the Process of Curriculum Development	3 cr
EDU 3410	Educational Assessments	3 cr
EDU 3450	Instructional Applications of Computers	3 cr
EDU 4210	Models of Secondary Teaching	4 cr
(Fulfills general education computer proficiency requirement)		
EDU 4720	Student Teaching Seminar	3 cr
EDU 4871	Directed Student Teaching I	6 cr
EDU 4872	Directed Student Teaching II	6 cr

and one of the following courses: 3 cr

PSY 1050	Human Growth and Development
PSY 2110	Educational Psychology

Total credits required: 41 cr

Recommended electives:

EDU 3270	Intercultural Sensitivity in Education	3 cr
EDU 3420	Secondary Education Math Methods	3 cr

### 3. Elementary Education Licensure with Special Education Endorsement

NOTE: Students should be aware that normally completion of this program requires a minimum of eight (8) semesters of study. Because major areas of study require varying numbers of hours for completion, the length of time in individual programs will vary with the student's selected major.

All students seeking licensure in Elementary Education with a Special Education Endorsement must complete all the requirements for initial Licensure in Elementary Education (see page 80).

In addition students must take the following four (4) courses:

EDU 3130	Learning Differences and Attention Difficulties	3 cr
EDU 2140	Cognitive Differences and Emotional Challenges	3 cr
EDU 3370	Models of Assessment and Intervention in Special Education	4 cr
EDU 3380	Collaboration and Special Education Law	<u>3 cr</u>
Total credits required:		13 cr

Recommended electives:

EDU 3430	Math/Science Methods: Elementary	3 cr
EDU 3820	Behavior Differences: Social and Academic Success for ALL	
PED 2320	Motor Learning	3 cr
PED 3110	Adapted Physical Education	3 cr

**4. Bachelor of Arts in Multidisciplinary Studies (BA.MDS)**

The Multidisciplinary Studies (MDS) major provides students with broad exposure to four key liberal arts fields: English/language arts, history/social sciences, mathematics, and natural sciences. While open to all students, the MDS major is particularly designed for students seeking to become elementary education teachers.

The MDS major was developed, and continues to be overseen, by a committee of faculty representing five academic departments: Education; English; History, Geography, Economics, and Politics; Mathematics; and Natural Sciences. In addition, highly respected K-8 teachers from area schools join Castleton faculty on this committee and add their expertise to the development and review of the major. Together these committed individuals work to ensure that future elementary educators acquire the liberal arts content and applicable pedagogy most essential in today’s elementary schools.

Students hoping to become licensed as elementary teachers must also complete the courses listed under the elementary licensure requirements section of this catalog (page 82) except that by completing the Multidisciplinary Studies major they will have satisfied the literature and arts course requirement. No courses for the MDS major may be taken on a pass/no pass basis.

**English Requirements:**

Complete the following English course: 3 cr  
ENG 2010 Expository and Argumentative Writing

and complete three of the following courses: 9 cr

- ENG 1310 Introduction to Literature
- ENG 2411 Nineteenth Century Children’s Literature
- ENG 2412 Twentieth Century Children’s Literature
- ENG 3620 Introduction to Children’s Literature
- ENG 3630 Poetry for Children
- ENG 3640 Images of the Child in Literature
- ENG 3650 Art of Children’s Book Illustration
- ENG 3660 Folk Tales
- ENG 3690 English Language Grammar
- ENG 3720 Special Topics in Children’s Literature
- Total English credits 12 cr

**Mathematics Requirements:**

Complete the following two mathematics courses: 6 cr  
MAT 3020 Mathematics for Elementary Teachers  
MAT 4210 Teachers as Researchers

and two of the following courses: 6 cr  
MAT 1530 Applied Calculus

MAT	1531	Calculus I
MAT	2021	Statistics
MAT	2022	Statistics II
MAT	2550	Mathematics: A Cultural Perspective

Total mathematics credits: 12 cr

### **History, Geography, Economics and Politics (HGEP) Requirements:**

Complete one of the following U.S. History courses: 3 cr

HIS	1210	Survey of U.S. History
HIS	2201	E Pluribus Unum: The U.S. from 1607-1815
HIS	2202	The Union Torn Asummer: the U.S. from 1815-1877
HIS	2203	Reaction and Reform: The U.S. from 1877-1839
HIS	2204	The Superpower: The U.S. from 1940-2000
HIS	3170	Environmental History: The U.S. Conservation Movement

and complete one of the following World History courses: 3 cr

HIS	1111	World History I
HIS	1112	World History II
HIS	2290	The European Renaissance
HIS	2530	Women in History
HIS	3510	Chinese History and Culture
HIS	3520	Japanese History and Culture

and complete both of the following courses: 6 cr

GEO	1060	Geography: A Modern Overview
POS	1030	Comparative Politics and Government

Total HGEP credits: 12 cr

### **Science Requirements:**

16 credits in science, chosen from courses with a BIO, CHE, GEY, or PHY prefix, with no more than 8 credits in any one of the four disciplines.

16 cr

### **Concentration:**

Students must also complete 12 additional credits, approved by the content area department, in one of the four liberal arts content areas (English, Math, HGEP, or Science). These courses, along with the requirements above, will constitute a concentration in that disciplinary area.

12 cr

Total credits required: 64 cr

# English Department

*Department Chair: Professor Dennis Shramek*

*Coordinator of Philosophy Program: Professor Robert M. Johnson*

*Coordinator of Modern Foreign Language Program: Professor Ana Maria Alfaro Alexander*

The English Department sponsors the Bachelor of Arts degree in Literature, with concentrations in American, Children’s, and World Literature; Honors in Literature; the Bachelor of Arts degree in Spanish Language and Literature; the Bachelor of Arts degree in Spanish for Business; and minors in English, Writing, Philosophy, and Spanish Studies. (See page 101 for Modern Foreign Language and page 89 for Philosophy.)

Students who complete the Bachelor of Arts degree in Literature will:

- 1. understand how literary and linguistic conventions have developed and operate;
- 2. understand how accomplished readers read fiction, poetry, and drama;
- 3. understand how accomplished writers create form, effect, and influence;
- 4. apply that understanding to their own reading and writing.

So that English department faculty can better evaluate each student’s progress and accomplishments in these areas, all Literature majors must submit a portfolio of three essays during the spring semester of their sophomore year and another portfolio of three essays during the spring semester of their senior year. The department will distribute submission instructions at the beginning of each spring semester.

Specific Program Requirements:

**1. Bachelor of Arts in Literature**

All majors must complete the following common courses:

ENG 1310	Introduction to Literature*	3 cr
ENG 2010	Expository and Argumentative Writing	3 cr
ENG 2271	English Literature: Anglo-Saxons to 18 <sup>th</sup> Century	3 cr
ENG 2272	English Literature: 18 <sup>th</sup> Century to Present	3 cr
ENG 3260	Western Mythology	3 cr
ENG 3690	The English Language: Grammar	3 cr
ENG 4140	Approaches to Literature	3 cr

Including one of these two courses: 3 cr

ENG 2311	American Literature: Colonial to Civil War
ENG 2312	American Literature: Civil War to Present

Including one of these two courses: 3 cr

ENG 3360	Shakespeare Comedies and Histories
ENG 3370	Shakespeare Tragedies and Late Comedies

\* Literature majors should complete this course their first year.

Total credits required: 27 cr

and one of the following concentrations:

**a. Concentration in American Literature (BA.LIT.AMR)**

Complete the following:

ENG 2311	American Literature: Colonial to Civil War	3 cr
ENG 2312	American Literature: Civil War to Present	
(one fulfills a common course requirement)		

and complete 15 credits selected from: 15 cr

ENG 3520	American Poetry
ENG 3530	American Novel
ENG 3550	American Short Fiction
ENG 3560	American Drama
ENG 3570	American Literary Movements
ENG 3580	African American Literature
ENG 3600	American Literary Careers
ENG 3610	Women Writers

**b. Concentration in Children's Literature (BA.LIT.CHL)**

Complete the following:

ENG 2411	Nineteenth Century Children's Literature	3 cr
ENG 2412	Twentieth Century Children's Literature	3 cr

and complete 12 credits selected from: 12 cr

ENG 3180	Lyric Poetry
ENG 3230	Asian Literature and Thought
ENG 3620	Introduction to Children's Literature
ENG 3630	Poetry for Children
ENG 3640	Images of the Child in Literature
ENG 3650	Art of Children's Book Illustration
ENG 3660	Folk Tales
ENG 3720	Special Topics in Children's Literature

**c. Concentration in World Literature (BA.LIT.WLD)**

Complete the following:

ENG 2161	World Literature through Renaissance	3 cr
ENG 2162	World Literature from Enlightenment	3 cr

and complete 12 credits selected from: 12 cr

ENG 3170	Epic Poetry
ENG 3180	Lyric Poetry
ENG 3210	Greek Tragedy
ENG 3220	The Novel

ENG 3230 Asian Literature and Thought

ENG 3290 Studies in World Literature

ENG 3310 Dante

ENG 3610 Women Writers

ENG 3660 Folk Tales

Appropriate 3000-level Modern Foreign Language literature course

Intermediate proficiency in a foreign language is recommended.

NOTE: Students who major in Literature may take no more than two major courses pass/no pass.

### **Honors in Literature**

Honors in Literature provides exceptional Literature majors the occasion to engage in sustained scholarly endeavor, to work under the careful guidance of departmental faculty, to produce an honors thesis or equivalent, and to be recognized for their achievements.

Students who wish to become candidates for Honors in Literature must meet these preliminary requirements:

1. Make formal application to the English Department chair at the end of sophomore or the beginning of junior year.
2. Attain a cumulative GPA of 3.5 or better in Literature and 3.0 or better overall by the time of application.
3. Earn a recommendation of candidacy from the department.

Once recommended, students must meet the requirements for the Bachelors of Arts Degree in Literature and these additional requirements:

1. Complete English 4930, Honors Thesis.
2. Produce an honors thesis or equivalent with guidance from a department honors committee.
3. Make a public presentation about the honors thesis or equivalent.
4. Attain a final cumulative GPA of 3.5 or better in Literature and 3.0 or better overall.
5. Earn an honors recommendation from the department. The designation "Honors in Literature" will appear on student transcripts.

### **2. Minor in English (ENG)**

Students can earn a minor in English by completing 18 credits of English courses beyond English 1061, English Composition; English 1070, Effective Speaking; and English 2260, Touchstones of Western Literature.



**3. Minor in Writing (WRI)**

The minor in writing offers students practice at a variety of writing so that they can prepare for writing as a career or writing in their careers. Students can earn a minor in writing by completing 18 credits from the courses listed below. Courses completed for the minor cannot also be counted toward major requirements in other fields. Decisions about adding and dropping courses from the list, about substituting one course for another, and about the possibilities for independent study rest with the English Department, which sponsors this minor and consults with other departments that offer or wish to offer courses within the minor.

Complete 18 credits selected from:

BUS	2370	Practical Business Writing
COM	3060	Feature Writing
ENG	2010	Expository and Argumentative Writing
ENG	2101	Creative Writing
ENG	3060	Technical and Professional Writing
ENG	3070	Writing Non-Fiction
ENG	3690	The English Language: Grammar
ENG	4040	Advanced Creative Writing
THA	2120/COM 2120	Script Workshop I
THA	4040/ COM 4030	Script Workshop II

**4. Minor in Philosophy (PHI)**

Students can earn a minor in Philosophy by taking 18 credits of Philosophy courses. Those 18 credits may include ENG 3230, Asian Literature and Thought; POS 3221, Political Philosophy I; and POS 3222, Political Philosophy II.

## History, Geography, Economics and Politics Department

*Department Chair: Associate Professor Judith K. Robinson*

*Economics Coordinator: Associate Professor Judith K. Robinson*

*Geography Coordinator: Assistant Professor Scott Roper*

*History Coordinator: Professor Elizabeth Sumner*

*Environmental Studies Coordinator: Assistant Professor Judith K. Robinson*

*Political Science Coordinator: Associate Professor Melisse Pinto*

**T**he Department of History, Geography, Economics and Politics (HGEP) offers the following academic programs that are designed to enable students to act knowledgeably and effectively in the world of today and tomorrow:

1. B.A. Major in History
2. B.A. Major in History Honors
3. B.A. Major in Social Science-by-Contract
4. B.A. Major in Social Studies
5. Minor in Economics
6. Minor in Environmental Studies
7. Minor in Geography
8. Minor in History
9. Minor in Political Science

All these programs develop knowledge and superior skills in research and writing, critical thinking, problem solving, comparative and policy analysis. They prepare students for many entry-level careers, as well as for several graduate and professional programs. This department is also one of the major sponsors of the Multidisciplinary Studies Major (BA.MDS), which is designed especially for students preparing to teach at the elementary school level. For students who wish to teach history and social studies at the secondary level, the department offers a social studies major (BA.SST) which can also stand alone as a broad-based liberal arts major. Students seeking state licensure to teach in Vermont will need to work closely with two faculty advisors, one from this department (HGEP) and one from the Education Department, and meet all the necessary requirements.

Although this department's Social Science Major-by-Contract (BA.SSC.HIS) can also help students prepare for a teaching career, it is designed primarily for students who wish to have as their primary focus of study any one of the following academic disciplines: Economics, Environmental Studies, Geography, or Political Science. A contract is initiated by the student with the coordinator of the particular discipline chosen; and combines this primary discipline with at least one other discipline that reflects a student's particular interests and goals.

Graduates of this department's programs currently are pursuing graduate studies in history and public policy; professional studies in law and diplomacy; and are employed in a wide variety of interesting and important careers such as print and broadcast journalism, teaching and education, business, insurance, politics and public service, optometry, sports, physical education, special education, banking, law, museums, publishing, libraries, archives, and living history programs.

Specific Program Requirements:

### **1. Bachelor of Arts in History (BA.HIS)**

Upon completion of an academic major in History, students will be able to demonstrate:

1. Broad knowledge of world history, ancient to present, including knowledge of chronology, place, and significance.
2. Ability to conduct quality research using primary and secondary sources.
3. Ability to identify and evaluate bias and perspective in written and audio-visual materials, including digital, Internet and broadcast media.
4. Broad knowledge of major fields of history and schools of historical interpretation.
5. Understanding of the role of the past in causing current events, conflicts, and problems, and its richness as a source of possible solutions.

All majors must complete a minimum of 48 credits: 36 credits in history, 15 credits of which must be at or above the 3000 level and 12 credits in the Social Sciences. The 36 credits in History must include:

HIS	1111	World History I	3 cr
HIS	1112	World History II	3 cr
HIS	3560	Theories and Practice of History	3 cr
HIS	4770	History/Social Studies Senior Seminar	3 cr

one course above the 1000 level in each of the following areas:

African History	3 cr
Asian History	3 cr
European History	3 cr
Latin American History	3 cr
United States History	3 cr

one Topical History course from among the following: 3 cr

HIS	2530	Women in History	
HIS	3015	Intermarriage in U.S.: Race, Sex, and Power in a Multicultural Society	
HIS	3035	History of Women in the U.S.	
HIS	3045	The Evolution of Whiteness	
HIS	3055	From Sambo to Nat Turner: The Nature of Slavery in the U.S.	
HIS	3065	History of the Nature-Nurture Debate	
HIS	3170	Environmental History: The U.S. Conservation Movement	

HIS	3476	Women and Gender in African History	
HIS	3570	History, Memory and War	
HIS	3580	Democratic Revolutions as Worldwide Experience	
and History Electives			6 cr

The 12 credits in the Social Sciences must include one course in each of the following disciplines:

Economics	3 cr
Geography	3 cr
Political Science	3 cr
Sociology or Anthropology	<u>3 cr</u>
Credits required	48 cr

It is *strongly recommended* that History majors also complete *either* an academic minor, *or* 12 credits in another academic discipline chosen in consultation with the advisor, *or* education licensure requirements; *and* demonstrate the ability to read a foreign language.

Students with either second majors, or wishing to be licensed to teach in elementary or secondary schools, must have an advisor from both sponsoring departments.

All courses taken to fulfill the History major requirements may also be used to fulfill the general education and academic minor requirements.

**2. Bachelor of Arts in History Honors (BA.HIS.HON)**

This program is particularly recommended for students who wish to pursue graduate study in history; but it is also appropriate for any student wishing to study history both more broadly and in greater depth; and who has demonstrated the necessary motivation and skills to do so. The program provides a more rigorous version of the history major and an opportunity to work even more closely with the department’s faculty.

To be eligible for the History Honors Program, a student must be a History major, with an overall GPA of 3.0, and a GPA above 3.0 in History (HIS) courses. The student must be recommended by two members of the history faculty and accepted by the HGEP Department. Application and acceptance into the program ordinarily occurs before the end of the sophomore year. Once accepted, the student becomes a candidate for graduation with Honors in history.

By the middle of the first semester of the candidate’s junior year, the candidate and the two sponsoring history faculty must agree to a written contract that outlines the requirements of the History Honors program. This contract is subject to the approval of the department advisor, department chair, and an academic dean; and may be terminated by the student at any time.

To be awarded the B.A. degree in History Honors, the candidate must satisfactorily complete each of the following requirements:

- a. The History Major requirements
- b. Intermediate reading proficiency in a foreign language or its equivalent (six credits of college-level foreign language courses);
- c. A comprehensive written examination that is designed by the history faculty and is based on the candidate's course work and interests. This examination normally takes place during the second semester of the senior year and before the oral de-fense of the History Honors Thesis;
- d. A History Honors Thesis that is based on both primary and secondary sources; is properly documented; relates to relevant historiography; shows a working knowledge of historical methods, theories, and research skills; integrates other arts and science disciplines; and speaks to the questions of historical significance;
- e. An oral defense of the History Honors Thesis, by no later than the last week of the candidate's final semester. All members of the department are invited to participate.

If, in the judgement of the examining faculty, a candidate for History Honors has satisfactorily completed all History Honors requirements, it will recommend that the candidate be awarded the degree Bachelor of Arts in History Honors.

### **3. Bachelor of Arts in Social Science Major-by-Contract (BA.SSC.HIS)**

This major is for students who want to design a program of study that emphasizes any one of the following disciplines: Economics, Environmental Studies, Geography, Political Science. It is a major that prepares students particularly well for graduate and professional schools. It can also prepare students seeking licensure in education, although students might find that the Multidisciplinary Studies Major and the Social Studies Major more appropriately meet their needs.

A written Social Science Major-by-Contract must be initiated by the student with the coordinator of Economics, Environmental Studies, Geography, or Political science (whichever one the student wishes to call the "Principal Discipline") and must be designed according to the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Economics, Environmental Studies, Geography, or Political Science) and one representing an appropriate secondary discipline, subject to the approval of the coordinator of the principal discipline, who becomes the student's academic advisor.
- b. Approved and signed by the student, the faculty sponsors, the student's faculty advisor(s), the coordinator(s) and chair(s) of the department(s) involved and by the academic dean.
- c. Subject to review and modification at the request of the student or advisor. Any modifications must be agreed to by all parties to the contract.
- d. Approved by the time the student has reached the fifth semester or 75 credits.
- e. May be terminated by the student at any time.

The written contract should state how the student is to complete a minimum total of 48 credits to be distributed as follows:

- At least 21 credits in the Principal Discipline (Economics, Environmental Studies, Geography, or Political Science), including a 4000-level Independent Study
- At least 18 credits in the Secondary Discipline (this may be any other academic discipline)
- At least one course in each of two out of the three disciplines (among Economics, Environmental Studies, Geography, or Political Science) that is not the Principal Discipline (6 cr.)
- At least one course in History (3 cr.)
- At least 12 credits must be at the 2000-level; and 12 credits at the 3000-level.

Cross-listed courses may be used to fulfill these requirements, but the same course cannot be used to fulfill both the principal and the secondary disciplines requirements. Courses used to satisfy the above requirements may also be used to satisfy the general education requirements.

#### **4. Bachelor of Arts in Social Studies (BA.SST)**

Complete the following core courses: (33 credits)

ECO	1010	Economics and Society or	
GEO	1060	Geography: A Modern Overview	3 cr
HIS	1111	World History I	3 cr
HIS	1112	World History II	3 cr
HIS	2201	E Pluribus Unum: The U.S. from 1607-1815	3 cr
HIS	2202	The Union Torn Asunder: The U.S. from 1815-1877	3 cr
HIS	2203	Reaction and Reform: The U.S. from 1877-1939	3 cr
HIS	2204	The Superpower: The U.S. from 1940-2000	3 cr
HIS	3560	Theories and Practices of History	3 cr
HIS	4770	History/Social Studies Senior Seminar	3 cr
POS	1020	American Politics and Government	3 cr
ANT	1010	Cultural Anthropology or	3 cr
SOC	1010	Introduction to Sociology	

In addition, two global courses (6 credits) to be chosen as follows:

any HIS course in African, Asian, European, or Latin American history;

PLUS

either a second history (HIS) course (from the regions listed above, but from a different region),

or one of the following:

ECO	2110	International Trade and Development
GEO	3010	Globalization and World Cultures
POS	3260	Middle Eastern Politics and Government

In addition, two social science courses (6 credits) in one or more of the following disciplines: Economics, Environmental Studies, Geography, Political Science.

NOTE: HIS-2070 (Vermont History) is strongly recommended for students seeking education licensure in the state of Vermont.

### 5. Economics Minor (ECO)

Upon completion of the academic minor in Economics, students will succeed in analytically and historically integrating contemporary economic events—both market and policy based into their world view(s).

Complete the following courses:

ECO	1010	Economics and Society	3 cr
ECO	2020	Macroeconomics in a Global Context	3 cr
ECO	2110	International Trade and Development	3 cr

and nine additional credits from the following: 9 cr

ECO	1030	The Economics of Wealth and Poverty	
ECO	2050	Microeconomics in a Global Context	
ECO	2120	U.S. Economic History	
ECO	2910	Independent Study	
ECO	3020	Money, Banking and the Financial Services Sector	
ECO	3040	Public Sector Choice and Finance	
ECO	3050	Women in the Economy	
ECO	3060	Political Economy of the Environment	
ECO	3210	Great Ideas in Economics	
ECO	3910	Internship in Economics	
ECO	4910	Advanced Independent Study	
ENV	1210	Environmental Harm and Mitigation Strategies	

Total credits required: 18 cr

A maximum of 6 credits of independent study or internship may be applied to the minor.

### 6. Environmental Studies Minor (ENV)

Upon completion of the Environmental Studies Minor, students will be able to demonstrate their ability to live, work and participate in a diverse natural world where differences in perspective, the product of democratic politics, are to be expected.

Complete the following courses:

ENV	1210	Environmental Harm and Mitigation Strategies	3 cr
ENV	2030	Environmental Ethics	3 cr
GEO	2060	Environmental Problems	3 cr

and nine additional credits of related work, subject to approval of the coordinator. Possible courses include, but are not limited to the following: 9 cr

ECO	3060	Political Economy of the Environment	
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ENV	2910	Independent Study	
ENV	3810	Internship	
ENV	4910	Independent Study	
GEY	1040	Environmental Geology	
HIS	3170	Environmental History: The U.S. Conservation Movement	
Total credits required:			18 cr

### **7. Geography Minor (GEO)**

Upon completion of the Geography minor, students will be prepared to understand the world in spatial terms.

Complete 18 credits in Geography including:

GEO	2150	Cultural Geography	3 cr
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and one of these courses:

3 cr

GEO	2070	North America
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GEO	3010	Globalization and World Cultures
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(Geology courses cross-listed under Geography may be included.)

### **8. History Minor (HIS)**

Upon completion of the History minor, students will be prepared to understand the role of the past in causing current events, conflicts, and problems, and its richness as a source of possible solutions.

Complete 18 credits in History to include two of the following: 6 cr

HIS	1111	World History I
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HIS	1112	World History II or
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HIS	1210	Survey of U.S. History
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PLUS 12 additional credits in History (HIS) at the 2000-level or above.

NOTE: No more than 3 credits of Independent Study, and no more than 6 credits in other disciplines cross-listed under History, may be used to fulfill the requirements of the History Minor.

### **9. Politics Minor (POS)**

Upon completion of the Political Science Minor, students will be able to demonstrate understanding of the sources and exercise of power.

Complete 18 credits in Political Science, chosen in consultation with the Political Science Coordinator. No more than 6 credits in courses cross-listed in Political Science (POS) may be used to fulfill the Politics Minor requirements.



# Mathematics Department

*Department Chair: Professor Dale Kreisler*

**T**he Mathematics Department is committed to the mission of Castleton State College, and strives to prepare knowledgeable, creative, and compassionate citizens. Along with learning a variety of practical problem-solving techniques, students in all programs come to know the depth and beauty of mathematics and its important role within the liberal arts and society. The department's programs, internships, and tutorial experiences are designed to help students develop self-awareness, confidence, the ability to work with others, and to foster continued intellectual growth.

For students interested in teaching mathematics, we offer two programs: a Bachelor of Arts in Mathematics for middle and high school teaching, and a Bachelor of Arts in Mathematics for elementary school teaching. Mathematics teachers play a critical role in our society, and students who complete these programs are in great demand.

For students who want to combine mathematics, statistics, and applications, we offer a Bachelor of Arts in Mathematics with a statistics concentration. This program prepares students for a variety of high-demand careers in industry and government, or for further study.

For students who aren't planning to teach and want to leave their options open, we offer a Bachelor of Arts in Mathematics. This program gives students the practical and theoretical foundation to be successful in a business environment, or for further study in mathematics or related disciplines.

Finally, for students who wish to design their own program of study, we offer the Bachelor of Arts in Mathematics by Contract.

Whichever option is chosen, students who complete the mathematics major are able to:

1. Analyze and solve real-world problems using a variety of mathematical techniques,
2. Convey mathematical information in effective ways,
3. Choose and employ appropriate technology,
4. Secure desired employment or gain admission to graduate or professional programs of study.

In addition, students who complete programs leading to teaching:

1. Acquire a strong foundation in both mathematics content and teaching methods,
2. Gain experience working with students through tutorships and internships.

The Mathematics Department also offers minors in Mathematics and Statistics.  
Specific Program Requirements:

**1. Bachelor of Arts in Mathematics (BA.MAT)**

All majors must complete the following courses:

MAT	1531	Calculus I	4 cr
MAT	2532	Calculus II	4 cr
MAT	2533	Calculus III	4 cr
MAT	3210	Linear Algebra	3 cr
MAT	3220	Probability	3 cr
MAT	3230	Mathematical Statistics	3 cr
MAT	3410	Foundations of Mathematics	3 cr
MAT	4720	Senior Seminar	<u>3 cr</u>
Total credits required:			27 cr

and one of the following options:

**a. Mathematics (BA.MAT)**

Complete the following courses:

MAT	3310	Differential Equations	3 cr
MAT	4130	Abstract Algebra	3 cr
MAT	4110	Advanced Calculus	3 cr
CIS	2031	C/C++ Programming I	3 cr

and four courses selected from the following: 12 cr

MAT	2250	Mathematics: A Cultural Perspective
MAT	3250	Mathematical Statistics
MAT	4710	Topics in Mathematics (May be repeated)
MAT	4140	Geometry
BUS	4130	Quantitative Business Decisions

Physics courses at 3000 level or higher 24 cr

Foreign language proficiency is recommended. (12 credits or equivalent.)

**b. Statistics (BA.MAT.STA)**

b. Statistics (BA.MAT.STA)

Complete the following courses:

MAT	3250	Applied Statistics	3 cr
MAT	4010	Design of Experiments	3 cr
MAT	4020	Applied Linear Regression	3 cr
CIS	2031	C/C++ Programming I	3 cr

and four courses selected from the following: 12 cr

MAT	3310	Differential Equations	
MAT	4110	Advanced Calculus	
MAT	4140	Geometry	
BUS	4030	Marketing Research	
BUS	4110	Operations Management	
BUS	4130	Quantitative Business Decisions	24 cr

**c. Secondary Education (BA.MAT.SED)**

Complete the following courses:

MAT 3310	Differential Equations	3 cr
MAT 3820	Mathematics Tutorship	3 cr
MAT 4130	Abstract Algebra	3 cr
MAT 4140	Geometry	3 cr

at least one of the following courses: 3 cr

MAT 2550	Mathematics: A Cultural Perspective	
MAT 4710	Topics in Mathematics	

15 cr

and complete all Education Department requirements for Secondary Education.

NOTE: Advanced calculus is recommended for students who anticipate teaching calculus at the high school level.

**d. Elementary Education (BA.MAT.EED)**

Complete the following courses:

MAT 2550	Mathematics: A Cultural Perspective	3 cr
MAT 3810	Mathematics Tutorship	3 cr
MAT 4130	Abstract Algebra	3 cr
MAT 4140	Geometry	<u>3 cr</u>
		12 cr

and complete all Education Department requirements for Elementary Education.

**2. Bachelor of Arts in Mathematics (Major-by-Contract) (BA.MAT.CNT)**

Completion of a contract designed and signed by the student and a Mathematics faculty sponsor and approved by the Mathematics Department chair. The contract must include at least 30 credits in mathematics and 24 credits in a second discipline. Normally the contract is approved by the time the student has reached the fifth semester or 75 credits. What follows is an example of BA.MAT.CNT for students interested in elementary education.

*Recommended courses (Elementary Education Interest)*

MAT 1020	Intermediate Algebra (GLE*: Number Sense & Algebra)	3 cr
MAT 1221	Finite Mathematics (GLE*: Logic, Sets & Geometry)	3 cr
MAT 2021	Statistics I (GLE*: Probability and Statistics)	3 cr
MAT 2550	Mathematics: A Cultural Perspective	3 cr
MAT 3020	Mathematics for Elementary Teachers	4 cr
MAT 3820	Mathematics Tutorship	3 cr
MAT 4210	Teachers as Researchers	2 cr

*Additional Courses (minimum of 9 credits required)*

MAT 1320	Precalculus	3 cr
MAT 1531	Calculus or MAT 1530 Applied Calculus	3/4 cr
MAT 2022	Statistics II	3 cr
MAT 4810	Internship in Mathematics	1-12 cr

\*GLE is an abbreviation for Grade Level Expectations from the State of Vermont and the topics that would be addressed in the specific course.

NOTE: Students intending to pursue graduate level work in mathematics should elect MAT 4110, Advanced Calculus.

### 3. Mathematics Minor (MAT)

Complete the following courses:

MAT 1531	Calculus I	4 cr
MAT 2021	Statistics I or MAT 3220 Probability	3 cr
MAT 2532	Calculus II	4 cr
MAT 3210	Linear Algebra	3 cr

and two additional 3000 or 4000 level MAT courses

6 cr  
20 cr

### 4. Statistics Minor (STA)

Complete the following courses:

MAT 2021	Statistics I	3 cr
MAT 2022	Statistics II	3 cr
MAT 3250	Applied Statistics	3 cr

and one of these courses:

MAT 1530	Applied Calculus	3-4 cr
MAT 1531	Calculus I	

and complete at least 6 credits from the following:

6 cr

(or other courses approved by the Mathematics Department)

BUS 4030	Marketing Research
BUS 4110	Operations Management
BUS 4130	Quantitative Business Decisions
CHE 2111	Organic Chemistry I
CHE 2112	Organic Chemistry II
EDU 3410	Educational Assessments
MAT 4010	Design of Experiments
MAT 4020	Applied Linear Regression
PED 4920	Senior Research Project
PSY 3151	Psychological Research I
PSY 3152	Psychological Research II
SOC 3910	Research Methods

Total credits required: 18 cr

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## Modern Foreign Language

*Coordinator: Professor Ana Maria Alfaro Alexander*

Spanish, which is offered as a major at Castleton, is a vital and vibrant language in world communication, business, e-commerce, politics, and culture. Some 373 million people speak Spanish as a first language. During the decade between 1980 and 1990 there was an increase of 50% in the number of Spanish-speaking people in the United States. Spanish is now the most spoken language after English in this country. It is also the second most used language at the Web.

Spanish is gaining more recognition in the academic world as an independent and promising major for students from all backgrounds. The Spanish program makes it possible for students to acquire cultural knowledge and to become proficient in the Spanish language in an environment that embraces a holistic approach and retains a genuine interest in cultivating the love for the Spanish languages and cultures. Our teaching faculty is composed of native speakers from different parts of the Spanish speaking countries; we have a professor from Peru, another from Argentina, and each year we have a teaching assistant typically from Mexico. Our students benefit from a diverse student population: some native speakers, others that have gone abroad to study Spanish, and novice but ambitious Vermont and out-of-state students. The program offers small, yet personalized classes that are learner-centered. Our students may voice their interests and opinions at our weekly Spanish Club meetings. They are offered an opportunity to practice their communicative skills outside the classroom setting at our weekly language table meetings. They can put their creativity and competitive minds to work at our cultural semester agenda, which includes cooking workshops, dance classes, film showings, our Spanish radio program and/or our full immersion field trips to cities such as New York, Boston, or Montreal. Each semester brings in new forces and special people that help us define the particular needs for that time period. Our students have had hands-on experience while translating official documents and they had a unique opportunity to teach Spanish to the little ones from a local middle school. As Spanish is increasingly being spoken in more areas and by more people, we will continue to find new ways to relate our students to the community.

### **Objectives:**

1. Senior Spanish majors will be able to speak, live with, and relate to peoples of Spanish background in Vermont, the USA, and abroad.
2. Undergraduate Castleton State College Spanish majors will be able to gain entry to and pass courses taken at accredited universities in Spanish speaking countries.
3. Castleton State College Spanish graduates will compare favorably with other graduates of Spanish language programs in their ability to gain employment using their critical thinking and language/cultural skills in a variety of contexts.

### Specific Program Requirements

#### 1. Bachelor of Arts in Spanish Language and Literature (BA.SPA)

Complete 30 credits in Spanish at the 2000 level or above which must include 12 credits of Spanish literature. 30 cr

and complete the following related courses:

ENG	1310	Introduction to Literature	3 cr
FLL	1110	Film & Lit: Hispanic, French and Italian	3 cr
HIS	2410	Latin American History and Culture	3 cr

Complete one semester of study abroad, of which at least 6 credits will be in Spanish language, literature, or culture. These 6 credits are in addition to the 30 credits of work done on campus. 6 cr

45 cr

#### 2. Bachelor of Arts in Spanish for Business (BA.SPB.)

Complete the following courses in Spanish:

SPA	2030	Spanish American Cultures	3 cr
SPA	2040	Business Spanish	3 cr
SPA	3010	Advanced Grammar, Composition and Conversation	3 cr
SPA	3030	Advanced Composition and Conversation	3 cr

and complete the following business related courses:

ACC	2101	Accounting I	3 cr
BUS	2020	Principles of Management	3 cr
BUS	2230	Principles of Marketing	3 cr
MAT	2021	Statistics I	3 cr

and complete one of the following two courses:

ECO	2110	International Trade and Development	3 cr
HIS	3230	Development & Underdevelopment in the Americas	

and complete 9 credits from ACC, BUS, CIS, ECO, subject to advisor approval 9 cr

and complete a semester abroad in a language/internship program 6-12 cr

Total credits required 36-42 cr

#### 3. Minor in Spanish Studies (SPA)

Complete a minimum of 18 credits in Spanish courses at the 2000 level or above, of which at least three credits are in language skills courses at the 3000 level.

#### 4. Intermediate Proficiency in Foreign Language

Intermediate proficiency in a foreign language consists of successful completion of two years of a foreign language at the college level.

### **5. Teaching Spanish at the Secondary Level**

Students who wish to teach Spanish at the secondary level should pursue a Bachelor of Arts in Spanish Language and Literature. In addition they must complete the requirements for Secondary Education Licensure outlined in the Education Department listings (pages 81-82). Students seeking licensure teaching Spanish at the Secondary level are required to take SPA 4020 Teaching Spanish as a Foreign Language in Pre K-12 Schools. Students interested in this option should get a second advisor from the education department and apply for acceptance into the Education Department.

### **6. Study Abroad**

When the major student elects to study abroad in partial fulfillment of the major language requirements, he/she must choose between a semester-long or a summer-long program. If he/she elects to study abroad for a semester, nine credits of the fifteen he/she will receive will be allowed toward the thirty credits in his/her major language.



## Music Department

*Department Chair: Professor Glen Giles*

The Music Department offers programs of study leading to a Bachelor of Arts degree in Music and a Bachelor of Music Degree in Education. These programs blend the performance, pedagogical, and theoretical components of music to allow the student to grow musically, pursue individual interests and prepare for varied career opportunities. The Music Department Handbook gives details on all aspects of the Department and its programs.

All students majoring in music will:

1. Develop and demonstrate technical proficiency on a primary instrument or voice.
2. Develop and demonstrate technical proficiency on piano. Minimum achievements levels are explicitly described in the Music Department Handbook, which is distributed to all music students and faculty.

Specific Program Requirements:

### **1. Bachelor of Arts in Music (BA.MUS)**

All students majoring in music must complete the credits listed below, each with a grade of "C" or better. They must also demonstrate proof of keyboard skills by passing a piano proficiency test administered by the Music Department.





All majors must complete the following courses:

MUS	1041	Class Piano I	2 cr
MUS	1042	Class Piano II	2 cr
MUS	1080	Global Music	3 cr
MUS	1091	Sight Singing and Ear Training I	3 cr
MUS	1092	Sight Singing and Ear Training II	3 cr
MUS	1231	Music Theory I	3 cr
MUS	1232	Music Theory II	3 cr
MUS	2313	Music Theory III	3 cr
MUS	2314	Music Theory IV	3 cr
MUS	2020	Instrumental and Vocal Arranging	3 cr
MUS	2031	History of Western Music: Ancient to Baroque	3 cr
MUS	2032	History of Western Music: Classical to Modern	3 cr
MUS	2051	Conducting I	3 cr
MUS	2052	Conducting II	3 cr
MUS	4720	Senior Recital	1 cr

and successfully complete a minimum of 7 semesters in Applied Music in the primary applied area: (a minimum of 1 credit each semester) 7 cr

and complete 8 credits in Ensemble participation chosen from:

MUS	1210	Collegiate Chorale (1 credit each semester)	
MUS	1220	Wind Ensemble (1 credit each semester)	
MUS	1230	Jazz Band (1 credit each semester)	<u>8 cr</u>

Or an equivalent experience approved by the department *a priori*.

Total credits required: 56 cr

## 2. Bachelor of Music in Music Education (BM.EDU)

In addition to the BA.MUS requirements, Music Education Majors must complete the following courses with a grade of "C" or better.

MUS	1090	Foundations of Music Education	3 cr
MUS	2110	Vocal Pedagogy	2 cr
EDU	2110	Introduction to Exceptional Populations	3 cr
EDU	2030	Early Field Experience in Music Education	1 cr
MUS	3165	Methods of Teaching Elementary Music	3 cr
MUS	3166	Methods of Teaching Secondary Music	3 cr
MUS	3250	Assessment of Musical Experiences	3 cr
EDU	3450	Instructional Applications of Computers	3 cr
EDU	4610	Student Teaching Seminar	3 cr
EDU	4871	Directed Student Teaching I	6 cr
EDU	4872	Directed Student Teaching II	6 cr

And, chosen in consultation with a music education advisor, three of the following courses:

MUS	2120	String Instrument Teaching Methods	6 cr
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MUS	2130	Woodwind Instrument Teaching
MUS	2140	Brass Instrument Teaching Methods
MUS	2240	Percussion Instrument Teaching Methods.

And one of the following courses:

3 cr

PSY	1050	Human Growth and Development
PSY	2110	Educational Psychology

Total Credits Required

58

To be accepted into Student Teaching, the student must:

1. Achieve an overall GPA of 3.0; or written certification of intellectual competence by an academic dean.
  2. Have completed all Music and Music Education coursework or permission of the supervising music education faculty.
  3. Complete the Music Education Application to Student Teach form.
  4. Pass the Praxis I and appropriate Praxis II examinations before teaching.
- NOTE: The State of Vermont may require a specific Praxis II music test in the future (currently either of the two music education exams is accepted).
5. Complete a minimum of 60 scheduled hours of field experience through related course work.

NOTE: A student may be denied admission to student teach, if, in the professional judgment of the music education faculty, the student does not possess the maturity, judgment, ethical standards, and dedication expected in the teaching profession.

To be recommended for licensure the student must:

1. Complete all college and departmental course requirements.
2. Pass both ETS Praxis I and Praxis II examinations.
3. Exemplify in conduct and attitude the maturity, judgment, ethical standards, and dedication expected in the teaching profession.
4. Receive a grade of "B" or better in Student Teaching I, II, and Student Teaching Seminar.
5. Complete all coursework with a cumulative GPA of 3.0

NOTE: A student may be advised to discontinue the student teaching experience at any time, if, in the professional judgment of the college supervisor, the director of field experience and cooperating teacher, the student does not possess the attitudes and competencies noted above.

### 3. Minor in Music (MUS)

A minor in Music may be earned by completing a minimum of 18 credits in Music, each with a grade of "C" or better, chosen in consultation with an advisor in the Music Department.

# Natural Sciences Department

*Department Chair: Professor Timothy Grover*

*Natural Sciences Coordinator: Professor Timothy Grover*

*Biology Coordinator: Professor Mark Fox*

*Environmental Science Coordinator: Associate Professor Cynthia Moulton*

*Exercise Science Coordinator: Assistant Professor Lara Carlson*

*Geology Coordinator: Professor Helen Mango*

*Health Science Coordinator: Professor Peter Kimmel*

The Natural Sciences Department offers Bachelor of Arts degrees in Natural Sciences, Biology, Environmental Science, Geology, Health Science, and Exercise Science. The Natural Sciences Department also offers an Associate in Arts in Chemistry (AA.CHE), and a 2 + 2 Chemistry program, leading to a B.A. or B.S. in Chemistry from Keene State College.

Students who complete a degree program in the Natural Sciences department will:

1. Exhibit mastery of the fundamental concepts of their discipline and the ability to apply those concepts to contemporary issues.
2. Research, synthesize, and communicate scientific ideas.
3. Demonstrate proficiency in laboratory skills and quantitative analysis.
4. Secure appropriate employment or gain admission to a graduate or professional program of study.
5. Develop a lifelong interest in science.

Specific Program Requirements:

## **1. Bachelor of Arts in Natural Sciences (BA.NAS)**

A broadly based program in the natural sciences which may be especially useful for interdisciplinary programs designed for such careers as elementary education, scientific illustration or science writing.

Complete the one of the following Mathematics courses:

MAT	1221	Finite Mathematics
MAT	1320	Precalculus
MAT	1530	Applied Calculus
MAT	1531	Calculus 1

and complete MAT 2021 Statistics 1

and complete one of the following courses in Biology:

BIO	1141	Biology 1
BIO	2011	Human Anatomy and Physiology
BIO	2310	Animal Diversity

and complete one of the following courses in Chemistry:

- CHE 1020 Introductory Chemistry
- CHE 1031 General Chemistry 1

and complete one of the following courses in Geology:

- GEY 1030 Dynamic Earth
- GEY 1040 Environmental Geology
- GEY 1050 The Earth Through Time

and complete one for the following courses in Physics:

- PHY 1150 Physics for Elementary Teachers
- PHY 2110 Physics I

and complete an additional 18 credits in Natural Sciences with a minimum of 12 credits at or above the 3000 level.

## **2. Bachelor of Arts in Biology (BA.BIO)**

A comprehensive program in biology designed for preparation for graduate schools, professional schools, a career in biology or secondary education.

Complete the following mathematics course:

- MAT 2021 Statistics 3 cr

and complete one of the following:

- MAT 1530 Applied Calculus 3-4 cr
- MAT 1531 Calculus I

and complete the following Chemistry courses:

- CHE 1031 General Chemistry I (first year - Fall) 4 cr
- CHE 1032 General Chemistry II (first year - Spring) 4 cr
- CHE 2111 Organic Chemistry I (second year - Fall) 4 cr
- CHE 2112 Organic Chemistry II (second year - Spring) 4 cr

and complete these two courses: (second year - Fall & Spring) 8 cr

- PHY 2110 Physics I
- PHY 2210 Physics II

and complete the following general biology courses: 11 cr

- BIO 1141 Biology I (first year)
- BIO 1142 Biology II (first year)
- BIO 3070 Genetics

and complete four credits from these courses in Cellular Biology: 4 cr

- BIO 2125 Elements of Microbiology
- BIO 3210 Developmental Biology (may only be used in one area)
- BIO 4710 Special Topics (in Cellular Biology)
- CHE 3010 Biochemistry

and complete four credits from these courses in Organismal Biology: 4 cr

BIO	2011	Human Anatomy and Physiology I	
BIO	2012	Human Anatomy and Physiology II	
BIO	2140	Botany	
BIO	2310	Animal Diversity	
BIO	3210	Developmental Biology (may only be used in one area)	
BIO	3240	Advanced Human Physiology	
BIO	3250	Advanced Human Physiology Laboratory	
BIO	4710	Special Topics (in Organismal Biology)	
and complete four credits from these courses in Ecological Biology:			4 cr
BIO	3030	Aquatic Biology	
BIO	3060	Ecology	
BIO	3230	Introduction to Toxicology	
BIO	4030	Evolution	
BIO	4250	Ecotoxicology	
BIO	4710	Special Topics (in Ecological Biology)	

and an additional 3 credits so that at least 26 credits are earned in Biology coursework (not independent studies), of which 12 must be at the 3000-level or above.

Total credits required: 56-57 cr

### 3. Bachelor of Arts in Environmental Science (BA.ENV)

An interdisciplinary program designed to provide students with a scientific background for analyzing environmental problems. This program will prepare students for environmental careers in government, industry and the non-profit sector, and for further study in graduate schools. Those students wishing to teach environmental sciences at the secondary education level may take advantage of programs leading to licensure offered by the Education Department.

Complete these courses in Mathematics:

MAT	2021	Statistics I	3 cr
MAT	2022	Statistics II	3 cr

and one of these two courses: 3-4 cr

MAT	1530	Applied Calculus	
MAT	1531	Calculus I	

9-10 cr

and complete these courses in General Science:

BIO	1141	Biology I	4 cr
BIO	1142	Biology II	4 cr
CHE	1031	General Chemistry I	4 cr
CHE	1032	General Chemistry II	4 cr
CHE	2111	Organic Chemistry I	4 cr
GEY	1030	Dynamic Earth	4 cr
GEY	1040	Environmental Geology	4 cr
PHY	2110	Physics I	<u>4 cr</u>

32 cr

and complete four of the following courses in Environmental Science:	14-16 cr
BIO 3030 Aquatic Biology	
BIO 3060 Ecology	
BIO 4250 Ecotoxicology	
CHE 2112 Organic Chemistry II	
CHE 3020 Analytic Chemistry	
CHE/GEY 3030 Geochemistry	
GEY 3110 Hydrogeology	
Total credits	55-58 cr

In addition to the above requirements, it is highly recommended that students initiate an internship or an independent research project in environmental science.

The following recommended courses may be necessary or useful to students entering a particular field or graduate program. Consult your advisor. You may wish to select from the following:

BIO 2125	Elements of Microbiology
BIO 2310	Animal Diversity
CHE 3010	Biochemistry
ECO 3060	Political Economy of the Environment
ENV 1210	Environmental Harm and Mitigation Strategies
ENV 2030	Environmental Ethics
ENV 2040	Environmental Policy Studies
GEO 2060	Environmental Problems
GEY 2110	Energy and the Environment
GEY 3050	Structural Geology
GEY 4020	Regional Geology
HIS 3170	Environmental History: The U.S. Conservation Movement
PHY 2210	Physics II
POS 2310	Environmental Politics

#### 4. Bachelor of Arts in Geology (BA.GEY)

A comprehensive program in geology designed for preparation for graduate school, a career in geology, or secondary education.

Complete the following mathematics course:

MAT 2021	Statistics I	3 cr
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and complete one of the following: 3-4 cr

MAT 1530	Applied Calculus
MAT 1531	Calculus I

and complete the following chemistry and physics courses:

CHE 1031	General Chemistry I	4 cr
CHE 1032	General Chemistry II	4 cr
PHY 2110	Physics I	4 cr

and complete 28 credits in geology including the following classes:

GEY 1030	Dynamic Earth	4 cr
GEY 2010	Mineralogy	4 cr
GEY 2020	Sedimentology and Stratigraphy	4 cr
GEY 2030	Field Mapping	1 cr
GEY 3010	Igneous and Metamorphic Petrology	4 cr
GEY 3050	Structural Geology	4 cr
GEY 4020	Regional Geology	4 cr
GEOLOGY	Elective	<u>3 cr</u>
		28 cr
	Total credits	46 cr

The following recommended courses may be necessary or useful to students who wish to pursue a particular career or graduate work in Geology. Consult your advisor:

CHE 2111	Organic Chemistry I	4 cr
GEY 1050	The Earth Through Time	4 cr
CHE/GEY 3030	Geochemistry	3 cr
GEY 3110	Hydrogeology	4 cr

Summer field course-program approved by geology advisor.

### 5. Bachelor of Arts in Health Science (BA.HLT)

An interdisciplinary program designed to prepare students for entry into professional programs in health related fields, such as physical therapy, occupational therapy, and physician assistant.

Complete the following courses as part of the general education core requirement:

MAT 2021	Statistics I	3 cr
PSY 1010	Introduction to Psychology	3 cr
SOC 1010	Introduction to Sociology	<u>3 cr</u>
		9 cr

Complete the following required science courses:

BIO 2011	Human Anatomy and Physiology I	4 cr
BIO 2012	Human Anatomy and Physiology II	4 cr
CHE 1031	General Chemistry I	4 cr
CHE 1032	General Chemistry II	4 cr
PHY 2110	Physics I	4 cr
PHY 2210	Physics II	<u>4 cr</u>
		24 cr

and complete one of the following:

AHS 4210	Pathophysiology and Clinical Exercise Physiology	<u>3 cr</u>
BIO 3240	Advanced Human Physiology	

27 cr

Complete at least 21 credits from the following courses: At least 3 credits must be selected from each of the four areas.

**A. Physical Education**

AHS	2160	Anatomical Aspects of Sports Medicine	3 cr
AHS	3090	Introduction to Alternative/Complementary Medicine	3 cr
AHS	3120	Kinesiology	3 cr
AHS	3130	Rehabilitation of Orthopedic Injuries	3 cr
AHS	3150	Physiology of Exercise	4 cr
AHS	3813	Pharmacology and General Medical Conditions	4 cr
AHS	4065	Electrocardiography and Graded Exercise Testing	4 cr
PED	4020	Applied Nutrition and Weight Control	3 cr

**B. Psychology**

PSY	2030	Sensation and Perception	3 cr
PSY	2050	Biopsychology	3 cr
PSY	2170	Drugs and Behavior	3 cr
PSY	3070	Abnormal Psychology	3 cr
PSY	3130	Health Psychology	3 cr

**C. Science**

BIO	2125	Elements of Microbiology	4 cr
BIO	3070	Genetics	3 cr
BIO	3210	Developmental Biology	4 cr
BIO	3250	Advanced Human Physiology Laboratory	1 cr
CHE	2111	Organic Chemistry I	4 cr
CHE	2112	Organic Chemistry II	4 cr
CHE	3010	Biochemistry	4 cr

**D. Philosophy, Sociology and Social Work**

PHI	3020	Medical Ethics	3 cr
SOC	3070	Medical Sociology and Mental Illness	3 cr
SOC	2230	Death and Dying	3 cr
SWK	2130	Introduction to the Study of Aging	3 cr

Total credits required: 57 cr

**6. Bachelor of Arts in Exercise Science (BA.EXS)**

Exercise Science is the study of the physiological responses and adaptations to exercise. This program offers specializations in three areas: Strength and Conditioning, Clinical Specialist, and Research. Coursework is designed to aid students in the preparation for graduate school and nationally recognized certifications, including those offered by the American College of Sports Medicine and National Strength and Conditioning Association.

For successfully meeting established criteria, the National Strength and Conditioning Association recognizes Lara Carlson as Program Director of Strength and Conditioning in Castleton State College's officially recognized Educational Program in Strength and Conditioning.



## Exercise Science Requirements: (49 credits):

BIO	2011	Human Anatomy and Physiology I	4 cr
BIO	2012	Human Anatomy and Physiology II	4 cr
CHE	1031	General Chemistry I	4 cr
AHS	1070	Basic Athletic Training	3 cr
PED	2160	Emergency Care and Personal Safety	3 cr
AHS	2170	Strength Training Principles	2 cr
AHS	3120	Kinesiology	3 cr
AHS	3150	Physiology of Exercise	4 cr
AHS	3310	Exercise Testing and Prescription	3 cr
PED	4910	Senior Thesis	3 cr
AHS	4065	Electrocardiography and Graded Exercise Testing	4 cr
AHS	4210	Pathophysiology and Clinical Exercise Physiology	3 cr
AHS	4220	Scientific Foundations of Strength and Conditioning	3 cr
AHS	4260	Nutrient Metabolism and Athletic Performance	3 cr

and one of the following courses:

AHS	4912	Senior Research Project	3 cr
AHS	4830	Internship in Exercise Science	

Total credits required: 49 cr

## Specialization Electives (select 12 credits)

AHS	3813	Pharmacology and General Medical Conditions	2 cr
BIO	2125	Elements of Microbiology	4 cr
BIO	3070	Genetics	3 cr
BIO	3240	Advanced Human Physiology	3 cr
CHE	1032	General Chemistry II	4 cr
CHE	2111	Organic Chemistry I	4 cr
CHE	2112	Organic Chemistry II	4 cr
CHE	3010	Biochemistry	4 cr
MAT	2021	Statistics I	3 cr
PED	2140	Fitness Center Management	3 cr
PED	2072	ST: Advanced Strength and Conditioning	1 cr
PED	4020	Applied Nutrition and Weight Control	3 cr
PHY	2110	General Physics I	4 cr
PHY	2210	General Physics II	4 cr
PSY	1050	Human Growth and Development	3 cr
PSY	3130	Health Psychology	3 cr

Admittance to and retention in the Exercise Science option is based on the following criteria throughout the student's undergraduate experience:

- Maintain a minimum cumulative GPA of 2.50
- Earn a minimum grade of "C" in required AHS prefix courses

Any student failing to meet any of the above requirements will be placed on probation for a maximum period of one year.

Students receiving a grade lower than a “C” in required AHS courses will not be allowed to sequence into post-requisite course work until the prerequisite deficiency has been rectified. Students failing to rectify deficiencies within the one-year probation period will be removed from the Exercise Physiology major.

### **7. Castleton / Keene State College 2 + 2 Chemistry Program**

Castleton State College in conjunction with Keene State College (NH) offers a 2 + 2 Chemistry Program leading to a B.A. in Chemistry or a B.S. in Industrial Chemistry. For a complete description, see “Special Programs.” (see page 156)

### **8. Castleton/Sage Graduate School Cooperative Degree 4 + 3 Physical Therapy**

Castleton offers this degree in conjunction with Sage Graduate School, Troy, NY. Students will complete a bachelor’s degree from Castleton, including the courses specified below, and will be guaranteed admission to the three-year clinical Doctor of Physical Therapy program (DPT) at Sage. For a complete description, see “Special Programs.” (page 153)

### **9. Castleton/Sage Graduate School Cooperative Degree 4 + 2 Occupational Therapy**

Castleton offers this degree in conjunction with Sage Graduate School, Troy, NY. Students will complete a bachelor’s degree from Castleton, including the courses specified below, and will be guaranteed admission to the two-year Occupational Therapy (MS-OT) at Sage. For a complete description, see “Special Programs.” (page 154)

### **10. Premedical Program**

Professional schools recommend a strong preparation in science and the other liberal arts, as well as involvement in endeavors such as internships in hospitals or clinics. Students should identify their interest early so that a program of study can be developed which is most appropriate for their chosen profession. Interested students should contact Dr. Peter Kimmel for further information and assistance.

### **11. Elementary and Secondary Education Programs**

The Natural Sciences Department is committed to providing outstanding Secondary and Elementary Science Teachers to the region. Program specializations in Biology, Chemistry, Geology, and Physics are designed to prepare the student for certification throughout New England. Complete one of the above Bachelor of Arts in Natural Sciences options in consultation with an advisor in the Department of Natural Sciences. You will also need to complete the requirements for certification listed under the Education Department’s programs. Additional MAT courses are strongly recommended.

### **12. Associate in Arts in Chemistry (AA.CHE)**

This program is designed to help prepare students planning to transfer into a four year chemistry program. With the proper selection of courses, the first two years of a four year program can be completed at Castleton. The program is also designed to prepare students seeking an entry-level position in a chemistry laboratory or related discipline

where chemistry is used (e.g., environmental science laboratory). The Associate in Arts in Chemistry may not be granted simultaneously with a Bachelor of Arts in any of the Natural Science Department's fields of study.

Complete the following requirements:

CHE 1031	General Chemistry I	4 cr
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CHE 1032	General Chemistry II	4 cr
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CHE 2111	Organic Chemistry I	4 cr
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CHE 2112	Organic Chemistry II	4 cr
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a chemistry elective	3-4 cr
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MAT 2021	Statistics I	3 cr
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a math or science elective	3 cr
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plus the following course:

PHY 2110	Physics I	<u>4 cr</u>
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29-30 cr

Recommended elective courses:

CHE 3010	Biochemistry	3 cr
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CHE 3020	Analytical Chemistry	4 cr
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CHE 3030	Geochemistry	3 cr
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MAT 1531	Calculus I	4 cr
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MAT 1532	Calculus II	4 cr
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PHY 2210	Physics II	4 cr
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## 12. Biology Minor (BIO)

A minor can be earned by completing at least 24 credits in Biology of which no more than eight credits may be below the 2000-level.

## 13. Chemistry Minor (CHE)

A minor can be earned by completing at least 24 credits in Chemistry.

Students must complete the following courses:

CHE 1031	Chemistry I	4 cr
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CHE 1032	Chemistry II	4 cr
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CHE 2111	Organic Chemistry I	4 cr
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CHE 3020	Analytical Chemistry	4 cr
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In addition, students must complete 8 credits from the following list of courses:

CHE 2112	Organic Chemistry II
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CHE 2510	Chemistry Lab Teaching Assistant
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CHE 2910	Independent Study
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CHE 3010	Biochemistry
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CHE 3011	Biochemistry Lab
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CHE 3030	Geochemistry
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GEY 2010	Mineralogy
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NOTE: Students interested in Biochemistry should select a Biology major and Chemistry minor. The course arrangement for biochemistry is designed to prepare students for graduate schools, professional schools, or a career in biochemistry. Consult with your advisor for a course sequence appropriate for your career goals. The following courses are recommended: BIO 2120 Microbiology, BIO 3070 Genetics, CHE 3010 Biochemistry, and CHE 3020 Analytical Chemistry.

#### **14. Geology Minor (GEY)**

A minor can be earned by completing at least 20 credits in Geology of which no more than eight credits may be below the 2000-level.

#### **15. Natural Sciences Minor (NAS)**

A minor can be earned by completing at least 20 credits in any combination of Biology, Chemistry, Geology, and Physics courses of which no more than eight credits may be below the 2000 level in a single discipline.

NOTE: Most laboratory science courses require payments of materials and field trip charges in addition to any textbooks or lab manuals. Also, in laboratory science courses, the ratio of lab hours to lecture hours varies. Consult the current *Course Schedule Bulletin*.

# Nursing Department

*Department Chair: Assistant Professor Anne Smeglin*

The Nursing Department offers a major program leading to the Associate in Science in Nursing degree. The program is approved by the Vermont State Board of Nursing and accredited by the National League for Nursing Accrediting Commission (NLNAC). The NLNAC is the nation's leading accrediting body for nursing education programs. The National League for Nursing Accrediting Commission is the entity that has the sole authority and accountability for carrying out the responsibilities of the accreditation process. Their address is: 61 Broadway, New York, NY 10006, 212-363-5555.

Graduates earning an Associate in Science Nursing Degree are eligible to apply for licensure as Registered Nurses and are qualified to function in a beginning level staff position in health care agencies and services. Upon successful completion of the program, the student is eligible to take the National Council Licensure Examination for Registered Nursing (NCLEX-RN). Each student should refer to the state in which they plan to take the NCLEX-RN examination upon graduation for specific requirements. State Boards of Nursing have the sole authority to grant graduates the opportunity to take the NCLEX-RN examination.

According to the Vermont State Board of Nursing: (State of Vermont Board of Nursing Title 26 V.S.A.)

“The Board may deny an application for registration, licensure or relicensure; revoke or suspend any license to practice nursing issued by it; discipline or in other ways condition the practice of registrant or licensee upon due notice and opportunity for hearing in compliance with the provisions of chapter 25 of Title 3, if the person:

1. Has made or caused to be made a false, fraudulent or forged statement or representation in procuring or attempting to procure registration or renew a license to practice nursing;
2. Whether or not committed in this state, has been convicted of a crime related to the practice of nursing or a felony which evinces an unfitness to practice nursing;
3. Is unable to practice nursing competently by reason of any cause;
4. Has willfully or repeatedly violated any of the provisions of this chapter;
5. Is habitually intemperate or is addicted to the use of habit-forming drugs.
6. Has a mental, emotional or physical disability, the nature of which interferes with ability to practice nursing competently; or
7. Engages in conduct of a character likely to deceive, defraud or harm the public.”

The nursing curriculum can be completed in two years. A program for advanced placement of Licensed Practical Nurses and other qualified applicants is available (see Chal-

lenge Examination for Advanced Placement). All nursing courses and BIO 2011, BIO 2012, and BIO 2120 must be passed with a grade of "C" or better.

NOTE: The Castleton Nursing Program is currently offered at a distance education site at Lyndon State College with students being able to complete their non-nursing course requirements there. Nursing classes are taught via Vermont Interactive Television (VIT). Local health care agencies in the Northeast Kingdom and a tertiary hospital may serve as clinical sites.

### **Nursing Program Outcomes**

Graduates of the Castleton State College Associate Degree Nursing Program are prepared through their nursing education to assume the three interrelated practice roles within the nursing discipline's ethical, legal, economical, and political framework and are eligible to write the National Council of State Boards' of Nursing Licensure Examination for Registered Nurses. Upon completion of the Associates Degree Nursing Program at Castleton State College, the graduate

1. Assumes the role as provider of care in a health care environment integrating knowledge from social, physical, and health sciences. Uses critical thinking and the nursing process to formulate, implement, and evaluate individualized care plans and teaching plans to empower patients across the life span to achieve and/or maintain optimal health.
2. Assumes the role as manager of patient care, establishing nursing care priorities, delegating patient care tasks and monitoring health care workers in the implementation of established agency policies.
3. Assumes the role as member within the discipline of nursing demonstrating personal and professional accountability for his/her own nursing practice within the discipline's ethical, legal, economical, and political framework. Assumes responsibility for ongoing professional development and demonstrates positive role model behavior in caring for others and valuing the profession of nursing.

Specific Program Requirements:

#### **1. Associate in Science in Nursing (AS.NUR)**

All majors must complete the following courses:

BIO	2011	Human Anatomy and Physiology I	4 cr
BIO	2012	Human Anatomy and Physiology II	4 cr
BIO	2125	Elements of Microbiology	4 cr
NUR	1211	Foundations of Nursing I	6 cr
NUR	1212	Foundations of Nursing II	7 cr
NUR	2111	Nursing of Children and Adults I	9 cr
NUR	2112	Nursing of Children and Adults II	10 cr
NUR	2020	Issues in Nursing	2 cr
PSY	1010	Introduction to Psychology	3 cr

and one of the following two courses:

3 cr

SOC 1010 Introduction to Sociology

SWK 2130 Introduction to the Study of Aging

Total credits required:

52 cr

NOTE: Some nursing courses require payment of a laboratory fee.

All nursing students are required to pay a liability insurance fee each fall and buy a minimum of two identification badges for their uniforms and lab coat. First year nursing students must purchase a packet of notes each semester. Second year students will use Blackboard to access course materials. Please see course descriptions.

Nursing students are also expected to purchase uniforms and a lab coat, nursing shoes, bandage scissors, and have a working watch with a second hand.

Courses in the foundations of nursing and nursing of children and adults are taught on campus and in hospitals and other health agencies by the college nursing faculty. Nursing students may commute from home or live in college residence halls. However, students are responsible for transportation and expenses to and from the agencies used for clinical experiences. Nursing laboratory grades are based on satisfactory or unsatisfactory performance.

The Department of Nursing reserves the right to request that the academic dean require withdrawal from the nursing program of any student whose health, academic record, performance and/or behavior in nursing is judged unsatisfactory. Unsatisfactory clinical performance in nursing negates academic grade performance.

In addition to the college's general admission requirements, admission to the Associate in Science in Nursing program is selective and based on the following criteria:

1. Combined SAT scores of 900 or above.
2. Graduation from high school in the upper quarter of class.
3. High School algebra, biology and/or chemistry.
4. Evaluation of prior post-secondary course work.
5. Meeting with the nursing chair.

NOTE: To be eligible for the Associate in Science Nursing Degree, a student must have earned a minimum of 69 credits and attained a cumulative GPA of 2.0. A minimum of 21 semester hours in nursing courses must be earned at Castleton.

### **Articulation Agreement with University of Vermont**

Castleton State College (CSC) and the University of Vermont (UVM) established an articulation agreement for a Bachelor of Science in Nursing (BS) in the summer of 2006. Students who meet specific criteria will be eligible for admission to a prescribed

program of study in the RN-BS Program at UVM. Upon successful completion of the RN-BS Program and degree requirements, students receive a Bachelor of Science degree with a Major in Nursing from UVM.

**Challenge Examination for Advanced Placement:**

Challenge examinations are available to students applying for admission to the Associate Degree nursing program. Successful completion of the examination will exempt students from Foundations of Nursing I (NUR 1211). Selected candidates may also challenge Foundations of Nursing II (NUR 1212). The student will not be allowed to register until written and skills challenge examinations have been successfully completed.

A student seeking to challenge nursing courses must be one of the following:

1. A licensed practical nurse with one year of employment. (A licensed practical nurse without one year of employment may also challenge, but only NUR 1211 Foundations of Nursing I.)
2. Students transferring from an associate degree nursing program or its equivalent may be asked to challenge nursing courses to demonstrate that they have attained mastery in nursing theory, skills and clinical experiences consistent with Castleton Nursing program requirements. To be considered for transfer credit, nursing courses must be passed with a minimum of a 76.00.

Successful challenge of both NUR 1211 and NUR 1212 could enable a student to enter the nursing program in the fall semester of the second year, provided other prerequisites are met. (See NUR 1211 and NUR 1212.)

**Challenge Process:**

NUR 1211 Foundations of Nursing I:

- Theory – Departmental final examination covering the concepts taught in NUR 1211: health care and nursing practice, vital signs, motor sensory, communication, therapeutic nurse/patient relationship, growth and development, nutrition, elimination, nursing process, stress, legal aspects, loss, documentation, and cultural /home environment: successful completion with a grade of “C” or better. (\$55 written test fee.) The test may be taken only once.
- Skills: Satisfactory performance of basic nursing skills. Exam will be conducted under supervision of Castleton nursing faculty. (\$25 skill test fee).
- Upon successful completion of both examinations, the student will be awarded six credits.

NUR 1212 Foundations of Nursing II

- Upon successfully challenging NUR 1211, nursing faculty will authorize selected students to challenge NUR 1212. Criteria for selection to be based on at least a “B+” on the examination, on performance in the skills examination, and prior academic history. Admittance will be on a space available basis.



- Theory-Departmental final examination covering the concepts taught in NUR 1212: Basic mental health; pre-post operative care; stress; inflammation; nutrition; basic pharmacology; fluid electrolytes, acid-base balance; and maternal/child nursing. (\$55 written test fee.) The test may be taken only once.
- Skills-Satisfactory performance of more advanced nursing skills. Exam will be conducted under the supervision of nursing faculty in the hospital setting. (\$25 skill test fee.)
- Upon successful completion of both exams in NUR 1212, the student will be awarded seven credits.

## **2. Pre-nursing/Internal Transfer**

These options provide a path into the Nursing degree program for those students who are not initially admitted to Nursing. All students in both categories below will compete for the available spaces in the degree program. Selection, which cannot be guaranteed for either category, is competitive and is made on the basis of the qualifications of each candidate.

1. The pre-nursing option (AA.GEN.PRN) provides an individualized curriculum for the Castleton student who wishes to enter the Nursing program but needs to strengthen his/her academic background. With approval from the Nursing Department, students spend their first year on campus meeting college general education requirements, as well as Nursing requirements. Academic advising is done by the nursing department chair. For students needing help in study skills and other academic matters, assistance is available through the Academic Support Center. This option allows many students to complete the AS.NUR in three academic years.
2. Students are also eligible for consideration for internal transfer to the nursing program from other academic programs within the college.

The procedures listed below must be followed for students in both categories in order to be considered for a place in the nursing degree program. Deadlines for application may be obtained from the Nursing Department. The selection process takes place at the end of the spring semester and is based on the best qualified applicants.

1. Have a cumulative GPA of at least 2.5 when application is made.
2. Have taken at least a 9 credit load in the semester prior to application.
3. Schedule a meeting with the chair of the Nursing Department.

## Physical Education Department

*Department Chair: Professor John Feenick*

**T**he Physical Education Department offers a Bachelor of Science degree in Athletic Training. Bachelor of Science degrees are also offered in Practice of Physical Education with concentrations in Elementary and Secondary Teaching (with or without licensure requirements), and in Sports Administration.

### **1. Bachelor of Science in Athletic Training (BS.ATR)**

#### **Athletic Training Outcomes:**

This program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), which allows students to take the National Athletic Trainers Association Board of Certification (BOC) Examination. After successful completion of the BOC examination, an individual will hold the credential of a certified athletic trainer (ATC). A graduate of the Athletic Training Education program will demonstrate competency in the six domains of athletic training, based on the current Role of Delineation Study (RD) which defines the entry-level knowledge, skills, and abilities required for practice in the profession of athletic training. The RD serves as the blueprint for CAATE accredited program development, and for the BOC certification examination.

The six domains of athletic training include:

1. Prevention
2. Clinical evaluation and diagnosis
3. Immediate care
4. Treatment, rehabilitation and reconditioning
5. Organization and administration
6. Professional responsibility

Students should make formal application to the Athletic Training Education Program through the Director of Athletic Training Education during the spring semester of the freshman year. Criteria for selection into the program is published in the Athletic Training Education Program Handbook that is distributed each fall semester and on the Castleton State College web site. Enrollment in this program is limited and merely completing the application process does not guarantee admission into the program. Once accepted into the program, students must complete a clinical field experience of at least four semesters working under the direct supervision of a certified athletic trainer at Castleton or an approved site. Any student may take courses within the program. However only students formally accepted into the Athletic Training Education Program may serve as athletic training students and participate in the clinical field experience.

Transfer students must follow the same application process and course sequence as traditional students and should meet with the director of athletic training education

early in the admissions process. The chair of the Physical Education Department must approve the transfer of athletic training content courses.

Students must meet minimum health and technical standard requirements to be eligible to participate in the Athletic Training Education Program (ATEP). In addition, once accepted into the ATEP, students must meet minimum academic and clinical retention requirements. The retention, health and technical standards can be found in the Athletic Training Student Handbook, Athletic Training Admission Packet and the Castleton State College web site. They are also described in AHS 1060, "Introduction to Athletic Training." Students must meet all health and technical standards prior to participation in a clinical field experience. The clinical field experience requires travel to off-campus sites that would necessitate the use of a vehicle and involve associated travel expenses.

Complete the following courses (also fulfills some general education requirements):

AHS	1010	Contemporary Health Issues	3 cr
AHS	1060*	Introduction to the Athletic Training Profession	2 cr
AHS	2151*	Evaluation and Management of Injuries to Lower Extremity	3 cr
AHS	2152*	Evaluation and Management of Injuries to Upper Extremity	3 cr
AHS	2157*	Rehabilitation of Orthopedic Injuries	3 cr
AHS	2160*	Anatomical Aspects of Sports Medicine	3 cr
AHS	2170	Strength Training Principles	2 cr
AHS	2821	Athletic Training Clinical I	1 cr
AHS	3030*	Therapeutic Modalities	3 cr
AHS	3120	Kinesiology	3 cr
AHS	3140*	Administration of Athletic Training and Sports Medicine Programs	3 cr
AHS	3150	Physiology of Exercise	4 cr
AHS	3310	Exercise Testing and Prescription	3 cr
AHS	3811*	Evaluation of Head, Neck and Trunk	2 cr
AHS	3813*	Pharmacology and General Medical Conditions	2 cr
AHS	3822	Athletic Training Clinical II	1 cr
AHS	3823	Athletic Training Clinical III	1 cr
AHS	4050*	Advanced Athletic Training	3 cr
AHS	4824	Athletic Training Clinical IV	1 cr
AHS	4825	Athletic Training Clinical V	1 cr
BIO	2011	Human Anatomy and Physiology I	4 cr
BIO	2012	Human Anatomy and Physiology II	4 cr
PED	2120	Psycho-Social Aspects of Physical Activity	3 cr
PED	2160*	Emergency Care and Personal Safety	3 cr
PED	4020	Applied Nutrition and Weight Control	3 cr
PED	4910	Senior Thesis in Physical Education	<u>3 cr</u>

Total credits required: 67 cr

\*Courses requiring minimum grade of B-

Other requirements: Prior to graduation, students must show competency in swimming.

The following courses are strongly recommended:

BIO 3240	Advanced Human Physiology	4 cr
CHE 1031	General Chemistry	4 cr
PHY 1041	Physics I	4 cr

## 2. Bachelor of Science in Practice in Physical Education (BS.PPE.ESE)

In order to be prepared and considered competent in the Practice in Physical Education concentration, the graduate will be able to:

1. Organize, develop, implement, and evaluate a physical education-related program (K-12 curriculum, athletics programs, and/or health fitness programs).
2. Recognize and incorporate safety, risk management, and liability considerations in physical education-related programs.
3. Develop and implement an assessment plan consistent with national and/or state standards.
4. Develop accommodations for physical education-related programs to meet the needs of all individuals.

All majors must complete the Movement Science core:

AHS 1070	Basic Athletic Training	3 cr
AHS 2150	Designs for Fitness	3 cr
AHS 3120	Kinesiology	3 cr
AHS 3150	Physiology of Exercise	4 cr
BIO 2011	Anatomy and Physiology I	4 cr
BIO 2012	Anatomy and Physiology II	4 cr
PED 2120	Psycho-Social Aspects of Physical Activity	3 cr
PED 2320	Motor Learning	3 cr
PSY 1050	Human Growth & Development	<u>3 cr</u>
Credits required:		30 cr

And the following for Bachelor of Science in Practice in Physical Education:

PED 1150	Foundations of Physical Education	3 cr
PED 3110	Adapted Physical Education	3 cr
PED 4030	Organization & Administration	3 cr
Life skill classes (Take two team sport courses, two individual sport courses, and one racquet sport course from the list below):		<u>5 cr</u>
		14 cr

Team Sports (PED 1220,1230,1240,1250, 2050)

Individual Sports (PED 1040, 1140, 1180, 1270, 2701, OER 1131)

Racquet Sports (PED 1210, 1160, 2270)

Core required courses: 44 cr

Students must also take the following courses:

DAN	2020	Rhythms and Dance	2 cr
OER	1210	Orienteering and Camping	2 cr
OER	1211	Adventure Education I	2 cr
PED	2020	Teaching Games and Movement	1 cr
PED	2120	Measurement and Evaluation	3 cr
PED	2260	Gymnastics/Stunts and Tumbling	1 cr
PED	2410	Curriculum and Instruction in Physical Education	3 cr
PED	2420	Introduction to Teaching Physical Education	3 cr
PED	3070	Methods of Teaching Elementary Physical Education	3 cr
PED	3140	Methods of Teaching Secondary Physical Education	3 cr
PED	3320	Teaching Individual and Team Motor Skills	<u>3 cr</u>
			26 cr
Core required courses:			44 cr
Total credits required (non-teaching):			70 cr

Students seeking teacher licensure in K-12 Physical Education must apply and be accepted into student teaching and complete the PETE program requirements (see below for K-12 Teacher Licensure), and complete these additional courses:

PED	4871	Directed Student Teaching in Physical Education	6 cr
PED	4872	Directed Student Teaching in Physical Education II	6 cr
PED	4720	Seminar in Teaching PED	<u>1 cr</u>
Total credits required (with licensure option):			84 cr

Other Requirements: Prior to graduation, students must show competency in swimming, CPR, and first aid. Competency may be shown through participating in Red Cross programs and earning a CPR card, Advanced First Aid card, and Intermediate Swimming card. Students may also elect to take:

PED	2010	Beginning Swimming
PED	2160	Emergency Care and Safety

### Requirements for K-12 Teacher Licensure

- To be accepted into Student Teaching, the student must:
  - Achieve a 3.0 GPA overall and receive a grade of "B" or better in methods classes (PED 2410, 3070, and 3140) and a minimum 3.0 GPA average in the major; or written certification of intellectual competence by an academic dean.
  - Have completed all the Physical Education and Education coursework or permission of the coordinator of the Teacher Licensure Program.
  - Complete the Department of Physical Education Application to Student Teach form.
  - Students must receive a "Pass" on the Working Portfolios in PED 2410, 3070, and 3140.
  - Through related course work, completion of a minimum of 80 clock hours of supervised field experience.

- f. Pass Praxis I, “Pre-professional Skills Test” in reading, writing, and mathematics, or recently adopted licensure testing alternatives.
  - g. Pass the ETS Praxis II physical education content examination. If the student does not earn a passing score on the Praxis II examination for physical education, the physical education program coordinator may permit the student to develop and submit a written plan outlining the strategies by which he or she intends to strengthen identified content area. This plan must be approved by the physical education program coordinator.
2. To be recommended for licensure by the State of Vermont, a student must:
- a. Successfully complete and graduate from an approved program.
  - b. Receive a grade of “B” or better in Student Teaching I and Student Teaching II and a “pass” in PED 4720 Seminar.
  - c. Maintain a GPA of 3.0 and a B average (GPA of 3.0) in the field of major studies.
  - d. Meet the required standard for the licensure portfolio.
  - e. Exemplify in conduct and attitude the maturity, judgement, ethical standards, and dedication expected in the teaching profession.
  - f. Beginning in October of 2004, pass Praxis II examination in physical education content knowledge, multiple choice or constructed responses essay.
- (Test code: 0092) (Test code: 00910)

### **3. Bachelor of Science in Sports Administration (BS.SAD)**

Students should make a formal application to the Sports Administration program through the Sports Administration Program Coordinator during the spring of freshman year or fall of sophomore year. Transfer students and upperclassmen may also apply and will be readily considered as part of the semester cohort. General information and criteria for selection to the program is published in the Sports Administration Program Handbook and on the Castleton State College website. Students must complete a minimum of 28 credits, including PED 1350 Introduction to Sports Administration, BUS 1270 Principles of Computer Information Systems, as well as having at least a 2.3 GPA overall and a successful interview to be admitted to the program. A maximum of 25 students will be admitted each calendar year. Students intending on Sports Administration as a major will not be allowed to enroll in ACC 2101, BUS 2020 or BUS 2230 until they have been formally accepted into the Sports Administration program.

The culminating experience of PED 4811-Internship in Sports Administration will also require a formal application process. Students can apply for internship after completing 75 credits overall (during Junior year), 30 credits in the Sport Administration core, have a 2.5 GPA overall and 2.7 in the SA Core. To be formally approved and eligible to enroll in 4811-Internship in Sports Administration a student must have completed 90 credits overall, 35 credits in the required core, maintained the aforementioned GPA requirements and submit an approved application. All majors must complete the following Sports Administration Required Core:

PED	1350	Introduction to Sport Administration	3 cr
BUS	2020	Principles of Management	3 cr
ECO	2050	Microeconomics in a Global Context	3 cr
PED	2090	Principles and Practices of Coaching	3 cr
PED	2120	Psycho-Social Aspects of Physical Activity	3 cr
ACC	2101	Accounting I	3 cr
BUS	2230	Principles of Marketing	3 cr
PED	2470	Seminar in Sport Administration	2 cr
SOC	3160	Sport and Society	3 cr
PED	3130	Athletic Event & Facility Management OR	3 cr
PED	2140	Fitness Center Management	
BUS	3290	Sports Marketing	3 cr
PED	3170	Seminar in Sports Information Practices	3 cr
PED	3160	Legal and Ethical Principles in Sport	3 cr
PED	4040	Economics of Sport	3 cr
PED	4030	Organization and Administration of Physical Education and Athletics	<u>3 cr</u>
		Total for core:	44 cr

And one of the following tracks 9-12 cr

Sport Business Track (any 12 credits)

ACC	3010	Accounting for Management Decisions	3 cr
BUS	3060	Consumer Behavior	3 cr
BUS	3210	Advertising	3 cr
BUS	3131	Business Law I	3 cr
BUS	3230	Financial Management	3 cr
BUS	3250	Organizational Development and Behavior	3 cr

Outdoor Education Administration Track (10 credits)

OED	1211	Adventure Education- Low	2 cr
OED	1212	Adventure Education- High	2 cr
OED	2060	Advanced Wilderness 1st Aid	3 cr

And one other OED activity courses 3 cr

Sport Promotion Track (select 9 credits)

COM	1040	Media Writing	3 cr
COM	2150	Public Relations	3 cr
BUS	3210	Advertising	3 cr
COM	2230	News Gathering and Writing	3 cr

Broadcast Media Track (9 credits)

COM	1210	Video Workshop I	
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COM	2210	Video Workshop II	
COM	2210	Broadcast performance	

Sports Information Track (9 credits)

COM	1040	Media Writing	
COM	2220	Web Content and Development	
COM	2221	Computer Graphics I	

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9-12 cr

Students may also choose a general track of any 9-12 credits from this list as approved by advisor and department chair, including non-track electives listed below.

Any Coaching Sport courses (max 3 cr)

ECO	2040	Macroeconomics	
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50-53 cr

PED	4811	Internship in Sport Administration (9 cr)	
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9 cr

Total credits

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62-65 cr

#### 4. Minors:

The Physical Education Department offers minors in Physical Education, Coaching, Health, and Fitness/Sports Science.

All minors must take the following two courses:

PED	1150	Foundations of Physical Education	3 cr
PED	2160	Emergency Care and Safety	3 cr

and complete one of the following options:

##### a. Minor in Physical Education (PED)

PED	2410	Curriculum and Instruction in Physical Education	3 cr
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and one of these courses:

AHS	1010	Contemporary Health Issues	3 cr
PED	2370	Community Health	
PED	3150	Methods of Teaching Health	

and one of these courses:

DAN	1050	Aerobic Dance	2 cr
DAN	2020	Rhythms and Dance	

and one of these courses:

PED	3070	Methods of Teaching Elementary Physical Education	3 cr
PED	3120	Measurement and Evaluation in Physical Education	
PED	3140	Methods of Teaching Secondary Physical Education	

and complete these life activity requirements:

- Two team activity courses  
Two individual activity courses

4 cr



**b. Minor in Coaching (COA)**

Complete:

AHS	1070	Basic Athletic Training	3 cr
PED	2120	Psycho-social Aspects of Athletics	3 cr
PED	2090	Principles and Practices of Coaching	3 cr

Select two of the following courses

PED	2180	Coaching Soccer	3 cr
PED	2220	Coaching Basketball	3 cr
PED	2240	Coaching Baseball	3 cr
PED	2190	Principles of Coaching Ice Hockey	3 cr

**c. Minor in Health (HLT)**

Complete

PED	3150	Methods of Teaching Health	3 cr
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And select four of the following courses

PED	2370	Community Health	3 cr
PED	3060	Women's Health Issues	3 cr
PED	4020	Applied Nutrition & Weight Control	3 cr
AHS	1010	Contemporary Health Issues	3 cr
AHS	2120	Wellness for Life	3 cr
AHS	3090	Intro. to Alternative/Complementary Medicine	3 cr
AHS	3813	Pharmacology & General Medical Condition	2 cr
PSY	3130	Health Psychology	3 cr
SOC	2230	Death and Dying	3 cr
AHS	2030	Drug and Alcohol Curriculum	3 cr

**d. Minor in Fitness/Sport Science (FIT)**

AHS	2150	Designs for Fitness	3 cr
PED	2140	Fitness Center Management	3 cr
PED	4020	Applied Nutrition & Weight Control	3 cr
PED	2070	Conditioning & Exercise	2 cr
PED	2210	Physical Methods of Stress Management	1 cr
AHS	2170	Strength Training Principles	2 cr

**Other Requirements: Life Activity Courses (Skills and Methods of Teaching)**

Courses selected from those listed below depend upon the concentration within the major and are designed to develop skill and teaching methodology in the activity. The courses will involve peer teaching, lesson planning, unit planning, and resource development.

Team Activity Courses

PED	1220	Basketball	1 cr
PED	1230	Softball	1 cr
PED	1240	Soccer	1 cr
PED	1250	Indoor Soccer	1 cr
PED	1710	Field Hockey	1 cr

PED	2050	Volleyball	1 cr
Individual Activity Courses			
PED	1040	Archery	1 cr
PED	1160	Tennis	1 cr
PED	1180	Golf	1 cr
PED	1210	Badminton	1 cr
PED	1270	Martial Arts	1 cr
PED	1280	Pickleball	1 cr
PED	2020	Games	1 cr
PED	2070	Conditioning	2 cr
PED	2130	Horsemanship	1 cr
PED	2210	Physical Methods of Stress Management	1 cr
PED	2260	Gymnastics/Stunts and Tumbling	1 cr
PED	2270	Racquetball/Handball	1 cr
PED	2701	Strength Training Principles	2 cr
Aquatics Activity Courses *			
PED	1060	Water Safety Instruction	2 cr
PED	2010	Beginning Swimming	1 cr
PED	2150	Emergency Water Safety	1 cr
PED	2170	Lifeguarding	2 cr
PED	2230	Beginning Scuba	1 cr
PED	2250	Timid Swim	1 cr
Dance Activity Courses *			
DAN	1050	Aerobic Dance	2 cr
DAN	2020	Rhythms and Dance	2 cr
Outdoor Recreation Activity Courses *			
OER	1131	Rock Climbing I	1 cr
OER	1150	Winter Recreation and Camping	1 cr
OER	1170	Ice Climbing	1 cr
OER	1210	Orienteering and Camping Skills	2 cr
OER	1211	Adventure Education - Low Elements	2 cr
OER	1212	Adventure Education - High Elements	2 cr
PED	2350	White-water Rafting	1 cr
Coaching and Officiating Activity Courses			
PED	2090	Principles and Practices of Coaching	3 cr
PED	2180	Coaching Soccer	3 cr
PED	2220	Coaching Basketball	3 cr
PED	2240	Coaching Baseball	3 cr

• May be used for individual activity also.\*

# Psychology Department

*Department Chair: Professor John Klein*

Psychology is offered as a major program leading to the Bachelor of Arts degree. Concentrations in Forensic Psychology, Developmental Psychology, and Health Psychology are offered along with an Honors Program for students interested in pursuing advanced research under the close supervision of a faculty member. All required psychology courses must be completed with an average of 2.3 or better.

Graduates of the Bachelor of Arts program in Psychology will be able to:

1. Read, understand, and critique the classic and contemporary research literature.
2. Design, conduct, analyze, interpret, and successfully present scientific research.
3. Speak and write effectively in the discourse of the discipline.
4. Evaluate their own unique interests, abilities, career, and life goals.

In addition, graduates of the Bachelor of Arts program in Psychology and the Honors Program will be prepared to pursue advanced graduate training and/or careers in human services. Concentrations in Forensic Psychology and Developmental Psychology also prepare students for advanced training and/or careers in civil and criminal justice or in education.

Specific Program Requirements:

## 1. Bachelor of Arts in Psychology (BA.PSY)

All majors must complete the following courses:

PSY	1010	Introduction to Psychology	3 cr
PSY	2050	Biopsychology	3 cr
PSY	3010	Theories of Personality	3 cr
PSY	3040	Cognitive Psychology	3 cr
PSY	3151	Psychological Research I	4 cr
PSY	3152	Psychological Research II	4 cr

and complete two 4000-level courses or seminars 6 cr

and complete either one of the concentrations in psychology listed below or complete a minimum of two psychology electives. 6 cr

Total credits required 32 cr

The following math and science general education courses are strongly recommended:

BIO	2011	Anatomy and Physiology I
BIO	2012	Anatomy and Physiology II
MAT	2021	Statistics I
MAT	2022	Statistics II

## 2. Honors Program in Psychology (BA.PSY.HON)

The Honors Program is designed to increase the depth of the superior student's work in the major through closer individual contact with faculty members, a more rigorous academic curriculum, and the performance of individual original research.

Eligibility for department honors work in Psychology is achieved by:

- a. A GPA of 3.0 or better in Psychology and in all overall course work.
- b. Recommendation by at least two faculty members in the Psychology Department.
- c. Formal acceptance of the student into the program by the department chair.

Any student eligible for honors and wishing to enter the program should signify the intention to the department chair as soon as possible after the decision to be a Psychology major. The student plans honors work in such a way as best to fulfill individual educational needs. Special attempts are made to integrate psychology with the other disciplines in the liberal arts and sciences. Although each student's program is individually considered, the honors candidate must meet the following requirements:

All required courses must be completed with an average of 3.00 or better.

Complete the requirements for the Psychology major listed above, and complete the following courses:

BIO	2011	Anatomy and Physiology I	4 cr
BIO	2012	Anatomy and Physiology II	4 cr
MAT	2021	Statistics I	3 cr
MAT	2022	Statistics II	3 cr
PSY	4320	Advanced Research	3 cr
PSY	4920	Honors Thesis	3 cr

A minor in Statistics is strongly recommended.

Complete the requirements for the Psychology major listed above.

## 3. Concentration in Forensic Psychology (BA.PSY.FOR)

This concentration focuses attention on applications of psychological research and theory to the judicial process including: courts, law enforcement, corrections, probation and parole, and the general practice of law.

Complete the following courses:

PSY	2040	Social Psychology	3 cr
PSY	2150	Police Psychology	3 cr
PSY	3160	Criminal Behavior	3 cr
PSY	3220	Juvenile Delinquency	3 cr
PSY	4020	Psychological Testing	3 cr
PSY	4060	Psychology and Law	3 cr

In addition CRJ 1010, Introduction to Criminal Justice is strongly recommended.

#### 4. Concentration in Developmental Psychology (BA.PSY.DEV)

This concentration is designed for students who have a particular interest in child and adolescent psychology. Students who intend to pursue graduate training in Developmental Psychology, Counseling Psychology, or School Psychology are encouraged to take this concentration. Students seeking licensure in Elementary Education or Special Education may also choose this concentration if they have obtained a passing score on the PRAXIS II licensure exam. It is recommended that the student take this exam at the end of their freshman year.

Complete the requirements for the Psychology major listed above, and complete at least one course from each of the following pairs of courses:

PSY	1010	Introduction to Psychology	
PSY	1050	Human Growth and Development	3 cr
PSY	2110	Educational Psychology	
PSY	2210	Applied Behavior Analysis	3 cr
PSY	3010	Theories of Personality	
PSY	3060	Child Psychopathology	3 cr
PSY	3150	Cognitive Development	
PSY	3240	Social Development	3 cr

and complete at least two of the following 4000-level courses:

PSY	4020	Psychological Testing	
PSY	4030	Language and Thought	
PSY	4050	Nature and Nurture	6 cr

#### 5. Concentration in Health Psychology (BA.PSY.HLT):

This concentration is designed for students who have a particular interest in the application of psychology to health issues. Students who intend to pursue graduate training in Health Psychology, Counseling Psychology, Clinical Psychology, or who wish to work in the areas of substance abuse, geriatrics, pediatrics, or other health and human service areas are encouraged to take this concentration.

Complete the requirements for the Psychology major listed above, and complete the following courses:

PSY	2030	Sensation and Perception	3 cr
PSY	2170	Drugs and Behavior	3 cr
PSY	3060	Child Psychopathology	3 cr
PSY	3070	Abnormal Psychology	3 cr
PSY	3130	Health Psychology	3 cr
PSY	4020	Psychological Testing	3 cr

and complete the following Math and Science general education courses:

BIO	2011	Anatomy and Physiology I	4 cr
BIO	2012	Anatomy and Physiology II	4 cr
MAT	2010	Statistics I	3 cr
MAT	2020	Statistics II	3 cr

**6. Bachelor of Arts in Social Science Major by Contract (BA.SSC.PSY)**

Completion of a contract designed and signed by the student and two faculty sponsors, each of whom represents a different academic discipline from among the following: Economics, Geography, History, Politics, Psychology, Sociology, or another appropriate academic discipline chosen by the student and both faculty sponsors. The program must include at least 30 credits, 18 of which must be at the upper level. The credits should be balanced between the two chosen disciplines. The contract must include an Independent Study or Seminar at the 4000 level, but may include only one Independent Study per discipline. The contract may be reviewed and modified, but any changes must be approved by all parties to the contract. Normally, the contract should be approved by the time the student has reached the fifth semester or 75 credits.

The contract must be reviewed by the student's faculty advisor and the chair of the sponsoring department and ratified by an academic dean. A student may terminate the contract by electing another major.

Complete 12 credits in related work chosen on a contracted basis, or a minor of from 18-24 credits in a third social science or another appropriate discipline. A second major may be substituted for the related work or minor. Approval of the sponsoring department chair is required.

**7. Minor in Psychology (PSY)**

Complete 21 credits in Psychology to include at least two 4000-level courses or seminars.

# Sociology, Social Work and Criminal Justice Department

*Department Chair: Professor Bradley Hunt*

*Coordinator of Criminal Justice Program: Professor Laurie Rosenzweig*

*Coordinator of Social Work Program: Professor Lillian Jackson*

*Coordinator of Sociology Program: Assistant Professor Paul Derby*

**T**he Department offers majors in Sociology leading to the Bachelor of Arts degree, a major in Social Work leading to the Bachelor of Social Work degree, an Associate in Science in Criminal Justice, a Bachelor of Arts in Criminal Justice and minors in Criminal Justice and Sociology. The Bachelor of Social Work degree program is accredited by the Council on Social Work Education.

## Criminal Justice

The Criminal Justice Program offers course work leading to either the Bachelor of Arts or the Associate in Science degree.

Students graduating with an A.S. or B.A. degree in criminal justice will:

1. Know the difference between the criminal justice system and process, be able to identify historical trends in the evolution of each of the three components of the system, and identify and define the stages of the criminal justice processes. Additionally, they will be able to identify and compare the roles and responsibilities of criminal justice professionals throughout the system at each stage of the process.
2. Know the sources of law in American society, distinguish between criminal and civil law, and identify U.S. Constitutional amendments most closely associated with criminal justice, as well as important U.S. Supreme Court decisions pertaining to those amendments.

In addition, students graduating with a B.A. degree in criminal justice will:

3. Be aware of current controversial issues in criminal justice and a range of policies and strategies for addressing those issues.
4. Understand the importance of organizational and management theory as applied to criminal justice, including such concepts as organizational environment, communication, motivation, occupational socialization, and managing change.
5. Be able to recognize and compare classical, sociological, and psychological theories of crime causation, recognize and evaluate various methods of gathering data about crime and patterns of crime, and identify a variety of approaches to crime prevention.

Specific program requirements:

### 1. Bachelor of Arts in Criminal Justice (BA.CRJ)

All majors must complete 37 credits of criminal justice courses:

CRJ	1010	Introduction to Criminal Justice*	3 cr
CRJ	2010	Law Enforcement in America*	3 cr
CRJ	2020	American Judicial Process*	3 cr
CRJ	2080	Correctional Philosophies and Practices*	3 cr
CRJ	2510	Criminal Law*	3 cr
CRJ	2810	Field Experience	3 cr
CRJ	3020	Criminal Justice Administration**	4 cr
CRJ	3060	Constitutional Criminal Procedure*	3 cr
CRJ	4720	Senior Seminar in Criminal Justice*	3 cr

and an additional 9 credits of CRJ

9 cr

37 cr

and complete one of the following courses:

3 cr

SOC	3210	Criminology
PSY	3160	Criminal Behavior

and complete one of the following courses:

3 cr

SOC	2040	Race, Ethnicity, Class and Gender
SWK	2040	Discrimination in American Society

and complete:

SOC	3910	Research Methods OR	4 cr
PSY	3151 or 3152	Psychological Research Methods	8 cr
(CRJ/PSY joint majors)			

and, all majors must complete these specific General Education courses:

MAT	2021	Statistics I	
PSY	1010	Introduction to Psychology	3 cr
SOC	1010	Introduction to Sociology	3 cr

3 cr

Major credits required: 56-60 cr

\*Note: All required courses in Criminal Justice (i.e., CRJ 1010, 2010, 2020, 2080, 2510, 3020, 3060, and 4720) must be completed with an average of C (2.00) or better. Majors should complete CRJ 1010, CRJ 2010, CRJ 2020, CRJ 2080 in their first two years of study.

\*\*Students must attend course-related out of class meetings as scheduled

A **minor**, chosen after consultation with the student's Criminal Justice Advisor, must also be completed; a second major may be substituted for the minor.

Recommended but not required:

SWK	1010	Introduction to Human Services
PSY	2150	Police Psychology



PSY 3160	Criminal Behavior
PSY 3220	Juvenile Delinquency
PSY 4060	Psychology and Law

## 2. Associate in Science in Criminal Justice (AS.CRJ)

All majors must complete 30 credits of criminal justice courses including:

CRJ 1010	Introduction to Criminal Justice*	3 cr
CRJ 2010	Law Enforcement in America*	3 cr
CRJ 2020	American Judicial Process*	3 cr
CRJ 2080	Correctional Philosophies and Practices	3 cr
CRJ 2510	Criminal Law*	3 cr
CRJ 2810	Field Experience I	3 cr

and an additional 12 credits in CRJ courses 12 cr  
30 cr

and complete one of the following courses: 3 cr

SOC 2040	Race, Ethnicity, Class and Gender
SWK 2040	Discrimination in American Society

and, all majors must complete these specific General Education courses:

MAT 2021	Statistics I	3 cr
PSY 1010	Introduction to Psychology	3 cr
SOC 1010	Introduction to Sociology	<u>3 cr</u>

Total credits required: 42 cr

\*NOTE: All required courses in Criminal Justice (i.e., CRJ 1010, 2010, 2020, 2080, and 2510) must be completed with an average of “C” (2.00) or better. Majors should complete CRJ 1010, 2010, 2020, 2080 in their first three semesters of study.

NOTE: In-service students should discuss these requirements with their Criminal Justice Advisor and/or the Coordinator of the Criminal Justice Program. Transfer students from criminal justice programs in other schools are urged to review their transcript evaluation with their advisor and/or the coordinator. They must satisfy the general education and academic major requirements, regardless of the number of criminal justice credits transferred.

## 3. Minor in Criminal Justice (CRJ)

A minor in Criminal Justice can be earned by completing 18 credits as follows:

CRJ 1010	Introduction to Criminal Justice	3 cr
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and complete one of the following courses: 3 cr

CRJ 2020	Law Enforcement in America
CRJ 2040	American Judicial Process
CRJ 2080	Correctional Philosophies and Practices

and complete an additional 12 credits in CRJ courses: 12 cr

Total credits required: 18 cr

## Social Work

### Overview

The social work program offers a Baccalaureate of Social Work degree (BSW.SWK). The primary mission of the Castleton State College Social Work program is to graduate individuals with a commitment to social change and social justice for vulnerable populations in society. The program's mission includes providing access for Vermont students to a professional education and the preparation of competent professionals to staff social service delivery systems in the State of Vermont. The program goals and student learning outcomes are consistent with the accreditation requirements of the Council on Social Work Education. The program complements and integrates the liberal arts and sciences with a professional course of study. The Castleton State College Social Work program is designed to provide knowledge, skills and ethics for beginning-level generalist professional practice and the academic preparation for graduate study in social work. Generalist social work practice consists of a common core of knowledge, values, and skills that can be applied across diverse client systems to enhance the social functioning of those systems.

Castleton's BSW graduates are employed in a wide range and variety of agencies and organizations which serve the needs of many different people some of which are: nursing homes, hospices, hospitals, home care agencies, substance abuse programs, mental health services, mental retardation/developmental disabilities services, vocational rehabilitation services, public health agencies, community action agencies, family service agencies, children & youth services, family service agencies, aging services, residential treatment programs, child and adult day care centers, domestic violence programs, homeless shelters, criminal justice agencies, schools (elementary and secondary), income maintenance programs, and legal services agencies. The BSW degree also prepares the student for entry into graduate programs. Many Castleton Social Work graduates are granted advanced standing in Master of Social Work programs. Thus, the time to complete the Master of Social Work is shortened by several months.

### Program Goals

As a program accredited by the Council on Social Work Education, the Castleton State College program goals and objectives are consistent with the *Educational Policy and Accreditation Standards* of that organization.

#### Goal 1.

Preparation of graduates for professional practice, which demonstrates an appreciation for human diversity, global oppression, at-risk-populations, and the promotion of social and economic justice.

- 1.1 Understand the forms, mechanisms, and dynamics of oppression and the strategies of social change that advance social and economic justice;
- 1.2 Demonstrate sensitivity to, and appreciation of, diverse populations.

**Goal 2.**

Preparation of graduates for entry-level generalist practice with diverse client systems of various sizes and types in order to meet basic human needs and support the development of human capacities.

- 2.1 Apply critical thinking skills to generalist social work practice;
- 2.2 Utilize the knowledge and skills of generalist social work practice in interventions with micro, mezzo, and macro systems;
- 2.3 Demonstrate sensitivity to, and appreciation of, diverse populations.

**Goal 3.**

Provision of competent generalist social work practitioners and application and integration of appropriate technology to provide and enhance service delivery in agencies and organizations.

- 3.1 Evaluate research studies and apply appropriate findings to practice, and to the evaluation of practice;
- 3.2 Demonstrate differential communication skills for interactions with varied client populations, colleagues, and members of the community;
- 3.3 Utilize supervision appropriate to generalist practice;
- 3.4 Function within the structure of an organization and social service delivery system, and seek necessary organizational change under supervision;
- 3.5 Apply critical thinking skills to generalist social work practice;
- 3.6 Analyze and understand the impact of social policies on client systems, workers, and agencies.

**Goal 4.**

Preparation of graduates to develop a professional identity, which incorporates the knowledge, skills, values, and ethics of the social work profession.

- 4.1 Practice within the values and ethics of the social work profession;
- 4.2 Demonstrate the professional use of self;
- 4.3 Understand the history of social welfare systems and the social work profession, and current structures and issues of each;
- 4.4 Demonstrate knowledge of bio-psycho-social variables and theoretical frame works in the assessment of client needs and issues, and in the planned interventions based on that assessment;
- 4.5 Analyze and understand the impact of social policies on client systems, workers, and agencies;
- 4.6 Provide content on sociological, psychological, biological, cultural, and spiritual development.

**Goal 5.**

Preparation of graduates for life-long learning and critical thinking including graduate study, through an educational process combining a liberal arts foundation with professional social work education.

- 5.1 Evaluate the effectiveness of their own practice and the extent to which objectives of interventions were met;
- 5.2 Demonstrate a commitment to continuing their own professional growth and development;
- 5.3 Apply critical thinking skills to generalist social work practice.

#### Goal 6.

Preparation of graduates to understand the impact of social contexts on the behavior of individuals, families, groups, organizations, communities, and global systems.

- 6.1 Analyze and understand the impact of social policies on client systems, workers, and agencies;
- 6.2 Understand the forms, mechanisms, and dynamics of oppression and the strategies of social change that advance social and economic justice.

#### Goal 7.

Preparation of graduates with an understanding of the unique aspects of practice in rural communities, and particularly the impact of poverty on rural residents.

- 7.1 Recognize the unique aspects of social work practice in rural communities;
- 7.2 Understand the forms, mechanisms, and dynamics of oppression and the strategies of social change that advance social and economic justice.

### **Admission to the Social Work Program**

1. During the second semester of the junior year the student must submit a letter of intent to major in social work. This letter must identify why the student has chosen social work as a major and their professional objectives upon graduation. A statement of a student's personal values demonstrating congruency with social work values shall be included in the letter.
2. In the same semester an interview with program faculty will be scheduled as part of the admission process. This will allow the student to meet program faculty members and the faculty to assess the prospective student's written and communication skills.
3. Program faculty will conduct a review of the student's academic performance during this semester.
4. Students must sign a Student/Program Contract, upon acceptance by social work faculty into the social work program during this semester.
5. Signed Academic Approval form must be submitted to the Student Services Center.

### **Continuation of the Social Work Program**

Continuation is determined by continuing progress toward a professional level of performance. In addition to a mastery of knowledge the student must demonstrate the acquisition of professional attitudes, values, and skills and commitment to the Code of Ethics of the National Association of Social Workers. Only those students whose academic accomplishments and personal attitudes, skills and values indicate reasonable promise in social work, as can be determined in the college setting, will be recommended

for field placements. A minimum grade of “C” in SWK 3010 (Social Work Practice), SWK 4020 (Interventive Methods of Social Work Practice), and SWK 4811 (Internship I) must be maintained for continuation in the program.

### **Admission to Field Instruction**

1. Minimum GPA requirement (2.0).
2. A letter grade of C or better for the practice course SWK 3010.
3. A signed Student/Program Contract upon acceptance by social work faculty into the social work program.
4. Completion of all prerequisites and permission of the college field instructor.
5. Students who are denied admission to field instruction may reapply at a later date. Students who reapply must provide evidence that the reasons for which admission was originally denied have been appropriately remedied.

### **Termination from the Program for Academic and Non-Academic Reasons**

Not every student will necessarily be appropriate for the practice of social work.

1. Failure to maintain a minimum GPA.
2. Inadequate interpersonal relationship skills for social work practice.
3. Inadequate written or verbal communication skills.
4. Violations of the NASW Code of Ethics.
5. Unresolved personal issues that impair performance in the classroom or in field instruction.
6. Lying, cheating, or plagiarizing in course work or field work.
7. Persistently inadequate performance in field instruction activities as well as failure to accomplish field instruction objectives.
8. Excessive class or field work absences.
9. Persistent inability to meet dates on assignments and projects.
10. Students who are terminated from the program may contest the faculty decision in writing within ten days of such decision to request a meeting with the faculty. If resolution is not made, they may appeal to the Academic Dean of the college who will make the final determination.

Specific Program Requirements:

#### **1. Bachelor of Social Work (BSW.SWK)**

All majors must complete the General Education requirements to include:

ANT	1010	Introduction to Cultural Anthropology	3 cr
MAT	2021	Statistics	3 cr
PSY	1010	Introduction to Psychology	3 cr
SOC	1010	Introduction to Sociology	3 cr

and either:

BIO	1010	Human Body in Health and Disease	4 cr
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or both:

BIO	2011	Anatomy and Physiology I	4 cr
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BIO	2012	Anatomy and Physiology II	4 cr
and complete the following related courses:			
(or equivalents as determined by the program coordinator)			
SOC	2130	The Community in American Society or	3 cr
SSC	1010	Introduction to the Study of Community	
SOC	3910	Research Methods	4 cr
SOC	4020	Sociological Theory	3 cr
and complete the following Social Work courses:			
SWK	1010	Introduction to Human Services	3 cr
SWK	1810	Field Component	1 cr
SWK	2011	Human Behavior in the Social Environment I	3 cr
SWK	2012	Human Behavior in the Social Environment II	3 cr
SWK	2040	Discrimination in American Society	3 cr
SWK	3010	Social Work Practice	3 cr
SWK	3020	History and Philosophy of Social Work	3 cr
SWK	4010	Social Welfare Policies, Programs and Issues	3 cr
SWK	4020	Interventive Methods of Social Work Practice	3 cr
SWK	4030	Advanced Social Work Practice	3 cr
SWK	4720	Social Work Seminar	3 cr
SWK	4811	Field Experience I	6 cr
SWK	4812	Field Experience II	6 cr
Recommended but not required:			
CRJ	1010	Introduction to Criminal Justice	3 cr
CRJ	3160	Juvenile Justice System	3 cr
ECO	1010	Economics and Society	3 cr
PSY	2040	Social Psychology	3 cr
SOC	1030	Social Problems	3 cr

NOTE 1: SWK 4811 and SWK 4812 must be taken consecutively during the same academic year. SWK 4020 and SWK 4811 must be taken concurrently; SWK 4030 and SWK 4812 must be taken concurrently.

NOTE 2: SWK 1810 is required of students with no prior human services experience (see course description).

NOTE 3: In the spring semester of the junior year, students sign an agreement which stipulates expectations and conditions for continuance in the program. In addition to academic requirements, students must demonstrate professionally appropriate skills, attitudes, and values as a condition of remaining in the program.

## Sociology

Students in the Sociology program will be prepared for careers in many fields, graduate school, and participation in society. Our students will graduate with an appreciation of the connection between individual experiences and the social forces in society.

### Goals:

1. Graduates will be prepared to enter a wide range of occupations and graduate education opportunities.
2. Graduates will actively acquire an appreciation for diversity and develop a more diverse world view.
3. Graduates will develop an applied understanding of the social, cultural, and political dynamics affecting relationships between groups, organizations, institutions, and nations.
4. Graduates will develop the ability to use the sociological imagination to view social life from various perspectives.
5. Graduates will develop the ability to utilize the research tools of sociology for the critical evaluation of contemporary society.

### Specific Program Requirements:

#### 1. Bachelor of Arts Degree in Sociology (BA.SOC)

All majors must complete 31 credits in Sociology to include:

SOC	1010	Introduction to Sociology	3 cr
SOC	3910	Research Methods	4 cr
SOC	4020	Sociological Theory	3 cr
SOC	4720	Coordinating Seminar	3 cr

Complete 18 additional credits of SOC and/or ANT courses chosen in consultation with the departmental advisor.

Complete 12 credits in related work to be approved by the coordinator.

#### 2. Bachelor of Arts in Sociology with a concentration in Cultural Anthropology (BA.SOC.CAN)

This concentration focuses on the rich diversity of human cultures through cross-cultural analyses of a wide variety of topics and perspectives including religion, music, food, environmental studies, area studies, symbolic systems, cultural materialism, and globalism. The courses are designed to expose students to the crucial influences culture has in the lives of people in American society and around the world.

Complete 31 credits in Sociology to include:

ANT	1010	Introduction to Cultural Anthropology	3 cr
SOC	1010	Introduction to Sociology	3 cr
SOC	3910	Research Methods	4 cr
SOC	4020	Sociological Theory	3 cr
SOC	4720	Coordinating Seminar	3 cr

and three of the following five courses:

ANT	2210	Anthropology of the Environment	3 cr
ANT	3210	Anthropology of Food	3 cr
SOC	3140	Sociology of Popular Music	3 cr
SOC	3160	Anthropology of Religion	3 cr
SOC	4910	Independent Study	3 cr

and complete 12 credits in related work to be approved by the coordinator.

### **3. Bachelor of Arts in Sociology with a concentration in Community Studies (BA.SOC.CMS)**

This concentration will actively engage students in community organization and civic participation. By combining the traditional classroom setting with service-learning and community service internships, students will obtain the conceptual tools and practical field experiences necessary for civic leadership and active participation in democratic communities. Students will also gain experience in grant writing and will work with Castleton's Stafford Center for the Support and Study of the Community.

Complete 31 credits in Sociology to include:

SOC	1010	Introduction to Sociology	3 cr
SOC	1030	Social Problems	3 cr
SOC	2130	Community in American Society	3 cr
SOC	3310	Community Action Seminar	3 cr
SOC	3910	Research Methods	4 cr
SOC	4020	Sociological Theory	3 cr
SOC	4720	Coordinating Seminar	3 cr
SOC	4810	Internship in Sociology	3 cr

and complete 12 credits in related work to be approved by the coordinator.

### **4. Bachelor of Arts with a concentration in Power and Conflict (BA.SOC.PWC)**

At the core of this concentration is an analysis of the structures of power and the resulting oppression. The concentration will examine the interplay between race, class and gender.

Complete 31 credits in Sociology to include:

SOC	1010	Introduction to Sociology	3 cr
SOC	1030	The Study of Social Problems	3 cr
SOC	2040	Race, Ethnicity, Class and Gender	3 cr
SOC	3220	Social Movements of the 1960s	3 cr
SOC	3910	Research Methods	4 cr
SOC	4020	Sociological Theory	3 cr
SOC	4720	Coordinating Seminar	3 cr

and one of the following three courses:

CRJ	3050	Law and Society	3 cr
SOC	2240	The Changing Family	
SOC	3120	Sociology of Education	



and one of the following two courses: 3 cr

SOC 2170 Gender Studies

WMS 1020 Introduction to Women's Studies

and complete 12 credits in related work to be approved by the coordinator.

### **5. Bachelor of Arts in Sociology with a concentration in Criminology (BA.SOC.CRM)**

This concentration focuses attention on applications of Sociological research and theory to the study of crime: including its etiology, the police, courts, corrections, victims and law. In addition to the Sociology courses required for the Sociology major, the following courses must be taken in lieu of other sociology electives to a total of 31 credits in Sociology.

Complete 31 credits in Sociology to include:

CRJ 3010 Crime Victims 3 cr

CRJ 3050 Law and Society 3 cr

SOC 2040 Race, Ethnicity, Class and Gender 3 cr

SOC 2210 Deviant Behavior 3 cr

SOC 3210 Criminology 3 cr

and complete 12 credits in related work to be approved by the coordinator.

### **6. Honors Program in Sociology (BA.SOC.HON)**

The program is designed to increase the depth of the superior student's work in Sociology through a rigorous academic curriculum, greater individual contact with faculty and the performance of original research.

Eligibility:

1. GPA of 3.0 or better in Sociology and overall course work.
2. Recommendation by at least two faculty members from the Sociology, Social Work, and Criminal Justice Department

The student should make formal application to the department chair at the end of the sophomore year. At this time an individual program will be designed and agreed upon by the student and department chair. It will include, at a minimum, the following requirements:

All majors must complete 31 credits in Sociology to include:

SOC 1010 Introduction to Sociology 3 cr

SOC 3910 Research Methods 4 cr

SOC 4020 Sociological Theory 3 cr

SOC 4720 Coordinating Seminar 3 cr

and complete 18 additional credits of SOC and/or ANT courses chosen in consultation with the department advisor.

and complete

MAT 2011 Statistics I 3 cr

MAT 2012 Statistics II 3 cr

and complete 12 credits in related work to be approved by the coordinator.

3. Complete a senior thesis through Independent Study or Seminar.
4. Attain a GPA of at least 3.0.
5. Recommendations of departmental honors are made on the basis of performance in course work and the senior thesis.

Strongly recommended is an intermediate proficiency in a foreign or computer language

### **7. Bachelor of Arts in Social Science Major by Contract (BA.SSC.SOC)**

Completion of a contract designed and signed by the student and two faculty sponsors, each of whom represents a different academic discipline from among the following: Economics, Geography, History, Politics, Psychology, Sociology, or another appropriate academic discipline chosen by the student and both faculty sponsors. The program must include at least 30 credits, 18 of which must be at the upper level. The credits should be balanced between the two chosen disciplines. The contract must include an Independent Study or Seminar at the 4000 level, but may include only one Independent Study per discipline. The contract may be reviewed and modified, but any changes must be approved by all parties to the contract. Normally, the contract should be approved by the time the student has reached the fifth semester or 75 credits.

The contract must be reviewed by the student's faculty advisor and the chair of the sponsoring department and ratified by an academic dean. A student may terminate the contract by electing another major.

Complete 12 credits in related work chosen on a contracted basis, or a minor of from 18-24 credits in a third social science or another appropriate discipline. A second major may be substituted for the related work or minor. Approval of the sponsoring department chair is required.

### **8. Minor in Sociology (SOC)**

A minor in Sociology can be earned by completing 18 credits in SOC and/or ANT courses.

## Social Science

*History, Geography, Economics, and Politics Department Chair:*

*Assistant Professor Judith Robinson*

*Psychology Department Chair: Professor John Klein*

*Sociology, Social Work, and Criminal Justice Department Chair:*

*Professor Victoria DeRosia*

**T**hree departments currently offer a Social Science Major by Contract. The departments and their chairs are listed above. See the entries under these departments for information about course requirements.

### **1. Bachelor of Arts in Social Science Major-by-Contract in History (BA.SSC.HIS)**

Completion of the requirements for a Social Science Major-by-Contract in History (see page 94).

### **2. Bachelor of Arts in Social Science Major-by-Contract in Psychology (BA.SSC.PSY)**

Completion of the requirements for a Social Science Major-by-Contract in Psychology (see page 134).

### **3. Bachelor of Arts in Social Science Major-by-Contract in Sociology (BA.SSC.SOC)**

Completion of the requirements for a Social Science Major-by-Contract in Sociology (see page 146).

### **4. Social Sciences - Secondary Education (BA.SSC.SED)**

Completion of the requirements for a Social Sciences major-by-contract in addition to the requirements for licensure established by the Education Department.

### **5. Social Sciences - Elementary Education (BA.SSC.EDU)**

Completion of the requirements for a Social Sciences major-by-contract in addition to the requirements for licensure established by the Education Department.

## Theater Arts Department

*Department Chair: Associate Professor Harry McEnerny*

*Coordinator of Film Studies Minor: Professor Roy Vestrich*

The Theater Arts Department offers students an opportunity to approach the study of theater in a liberal arts context; the program is designed to foster an appreciation for theater as an art, while at the same time preparing students for the demands of professional lives in theater and related fields. The department offers four concentrations: Acting and Directing (BA.THA.AAD), Technical Theater and Design (BA.THA.TTD), and Theater Studies (BA.THA.THS).

The Acting - Directing and Technical Theater - Design concentrations are designed to prepare students for professional careers and/or graduate or conservatory level study in theater. The Theater Studies concentration prepares students intending to teach general theater survey, history, aesthetics and production; the Theater and Media Studies concentration is offered in cooperation with the Communication Department, and prepares students to teach general theater survey, history, aesthetics and production as well as general courses in media literacy, film studies, video and digital production. Note that the latter two concentrations are designed for those students also pursuing a program of study in the Education Department leading to licensure in elementary education. Licensure in secondary education is pending State Department of Education approval.

Students must select and complete the required courses for at least one of the theater major areas of concentration. Students may select and complete more than one concentration by fulfilling all the requirements in each area (courses in common will count for both areas, courses that are specific to one area may be used to fulfill elective requirements in the other chosen concentration).

All students graduating with a degree in Theater Arts should be able to:

1. Discuss and analyze productions in terms of thematic concerns, literary qualities, and artistic approaches.
2. Demonstrate a high degree of competency in one or more areas of theatrical production, such as directing, design, acting, writing, stage management, or theater education.
3. Utilize materials in appropriate manners to achieve desired effects and communication to an audience.
4. Incorporate input and ideas generated through the collaborative process of production into their own creative work.
5. Present their work for review in a professional manner consistent with their areas of concentration.

Program Requirements:

**1. Bachelor of Arts Degree in Theater Arts**

All majors must complete the following courses:

THA 1010	Introduction to Theater Arts	3 cr
THA 1111	Stagecraft I	3 cr
THA 2010	Survey of Theater History	3 cr
THA 2050	Introduction to Film Studies	3 cr
THA 2120	Script Workshop	3 cr
THA 2121	Acting I	3 cr
THA 3211	Directing I	3 cr

and complete 3 credits in: 3 cr

THA 1001, 2002, 3003, or 4030 Stage Production

and in the senior year, one of the following courses: 3 cr

THA 4720 Senior Project

THA 4810 Internship in Theater

Total credits required: 27 cr

and must complete one of the following concentrations:

**a. Acting and Directing (BA.THA.AAD)**

Complete a minimum of 15 credits from the following: 15 cr

DAN 1040	Introductory Dance Workshop
THA 2122	Acting II
THA 3020	Acting for Camera
THA 3030	Children's Theater
THA 3123	Acting III
THA 3212	Directing II
THA 4040	Scriptwriting

and 3 additional credits from Technical Theater and Design courses. 3 cr

Total credits required: 18 cr

Students in this concentration must also complete a minor.

**b. Technical Theater and Design (BA.THA.TTD)**

Complete a minimum of 15 credits from the following: 15 cr

COM 1211	Television Workshop I
COM 4020	Television Drama Workshop
THA 2112	Stagecraft II
THA 2130	Costume Design and Construction
THA 3120	Lighting Design
THA 3331	Scene Design
THA 4020	Stage Management/Arts Administration
THA 4332	Advanced Design for Theater

and 3 additional credits from Acting and Directing concentration courses.

Total credits required: 3 cr  
18 cr

Students in this concentration must also complete a minor.

**c. Theater Studies (BA.THA.THS)**

Complete one of the following courses: 3 cr

- THA 3030 Children's Theater
- THA 3031 Theater in Education

and complete a minimum of 15 credits from the following: 15 cr

- THA 2112 Stagecraft II
- THA 2122 Acting II
- THA 2130 Costume Design and Construction
- THA 3020 Acting for Camera
- THA 3060 Stage Movement
- THA 3331 Scene Design
- THA 3112 Directing II
- THA 4020 Stage Management/Arts Administration
- THA 4040 Scriptwriting

Total credits required: 18 cr

Students in this concentration must also complete Education Department requirements.

In addition to the 45 credits required for the major, Theater Arts majors in either Acting and Directing or Technical Theater Design concentrations must complete a minor. In the event that there are required courses common to both the major and minor, suitable substitutions can be used to satisfy departmental requirements.

In addition to the 45 credits required for the major, Theater Studies and Theater and Media Studies majors must complete all requirements for a declared major in the Education Department. No additional minor is required.

Students with a second major in Education may satisfy the theater arts senior project requirement in combination with a student teaching requirement (project must be approved by designated faculty in both the Education and Theater Arts departments).

The department recommends that students pursuing a Theater Arts degree take additional courses in English, Literature, Communication, Film Studies, Music, and Art, either within the chosen minor, as electives, and/or to satisfy general education requirements.

**2. Minor in Theater Arts (THE)**

Any student may earn a minor in Theater Arts by completing 18 credits in the department. A minimum of 12 credits must be at the 2000 level or higher. Students are advised to work with a departmental advisor to develop a sequential course of study.

### 3. Minor in Film Studies (FIL)

The Film Studies Program is an 18 credit minor which offers students an opportunity to examine the artistic, literary, historical, technological, and sociological aspects of the motion picture. The program is designed around a core of classes in film studies which are augmented by studies in related disciplines.

Courses taken for completion of the Film Studies minor cannot be counted toward completion of the major requirements in either Theater Arts or Communication. In cases where both the minor and the major require the same course (e.g. COM/THA 2050 Introduction to Film Studies), any additional course listed in the Film Studies elective courses can be used to satisfy the 18 credit minor requirement (no substitution forms need be completed). Decisions regarding alternate or additional substitutions and all independent studies will be made by the program coordinator.

All minors must complete the following courses:

THA 2050	Introduction to Film Studies	3 cr
THA 3730	Special Topics in Film	3 cr
THA 3135	International Cinema	3 cr

and a minimum of 9 credits from the following: 9 cr

ARH 1010	Introduction to the History of Art
ARH 3052	History of Twentieth Century Art
ART 2301	Photography
ART/COM 2130	Experimental Video
COM 2140	Race and Gender in Mass Media
COM 3020	TV Documentary Workshop*
COM 4020	Television Drama Workshop*
ENG 3560	American Drama
ENG 3630	Mythology
ENG 3670	American Culture
PHI 3060	Aesthetics
SOC 3140	Sociology of Popular Music
THA 2010	Survey of Theater History
THA 2120	Script Workshop
THA 3020	Acting for the Camera
THA 3730	Special Topics in Film**
THA 4040	Scriptwriting
THA 4910	Independent Study in Film

Total credits required: 18 cr

\*COM 3020 and COM 4020 require prerequisites not contained in the program.

\*\*THA 3730 may be taken a maximum of two times for program credit.

## Women's Studies

*Coordinator: Assistant Professor Trish van der Spuy*

The Women's Studies minor is an interdisciplinary academic program that extends academic majors by providing a specific focus and perspective.

### Program Requirements:

#### Minor in Women's Studies: (WMS)

Complete at least 18 credits from among the following courses:

WMS	1020	Introduction to Women's Studies	3 cr
(strongly recommended for students minoring in Women's Studies)			
COM	2140	Race and Gender in Mass Media	3 cr
CRJ	3040	Women and Criminal Justice	3 cr
ECO	3050	Women in the Economy	3 cr
EDU	3270	Intercultural Sensitivity in Education	3 cr
ENG	3610	Women Writers	3 cr
HIS	2530	Women in History	3 cr
HIS	3035	History of Women in the United States	3 cr
PED	3060	Women's Health Issues	3 cr
PSY	1050	Human Growth and Development	3 cr
SOC	2040	Race, Ethnicity, Class and Gender	3 cr
SOC	2170	Gender Studies	3 cr
SPA	3160	Latin American Women Writers	3 cr
SWK	2120	Women's Issues	3 cr
WMS	2910	Independent Study	1-3 cr
WMS	3910	Independent Study	1-3 cr
WMS	4810	Field Experience in Women's Studies	1-6 cr
WMS	4820	Internship in Women's Studies	1-3 cr
WMS	4910	Independent Study	1-3 cr

With prior approval of the Women's Studies Coordinator, other designated courses may be taken to fulfill the minor. These courses are offered on demand, with the topic announced at registration and the Women's Studies option indicated in the course description.



## Special Programs

### Castleton/Sage Graduate School Cooperative Degree 4+3 Physical Therapy

*Contact: Professor Peter Kimmel, Natural Sciences Department*

Castleton offers this degree program in conjunction with Sage Graduate School, Troy, NY. Students will complete a bachelor's degree from Castleton, including the courses specified below, and will be guaranteed admission to the three-year clinical Doctor of Physical Therapy program (DPT) at Sage.

Specific program requirements:

1. Complete a baccalaureate degree program at Castleton.\*
2. Complete the following prerequisite courses with grades of C or better. (41 credits total)

AHS	3150	Physiology of Exercise	4 cr
BIO	2011	Human Anatomy and Physiology I	4 cr
BIO	2012	Human Anatomy and Physiology II	4 cr
BIO	2120	Elements of Microbiology	4 cr
CHE	1031	General Chemistry I	4 cr
CHE	1032	General Chemistry II	4 cr
MAT	2021	Statistics I	3 cr
PHY	2110	Physics I	4 cr
PHY	2210	Physics II	4 cr
PSY	1010	Introduction to Psychology	3 cr
PSY	1050	Human Growth and Development	3 cr

3. Attain a science GPA of 3.00 or better (in Physiology of Exercise, Human Anatomy and Physiology, Microbiology, Chemistry, and Physics.)
4. Attain an overall GPA of 3.00 or better.
5. Obtain a positive recommendation from Castleton's pre-health professional faculty.

\*Students may choose from any of Castleton's baccalaureate programs, but we recommend that pre-PT students consider majoring in Biology, Health Science, or Sports Medicine.

Castleton students who complete the above requirements will be eligible for:

- Automatic acceptance into Sage Graduate School,
- Waiver of the graduate application fee.
- Early application for graduate assistantships in Sage Graduate School.

\*\*To guarantee placement in the Sage Graduate School DPT Program students should submit the following information to the Sage Graduate School Office of Admission.

By January 1 of the year preceding graduation from Castleton:

- Completed SGS application packet (fee waived)
- Official transcripts from all college institutions attended
- Current resume
- One letter of recommendation from the Castleton pre-health profession faculty liaison

By October 15 of the graduation year at Castleton:

- Documentation of 40 hours of clinical observation with a licensed physical therapist
- PT admission interview, contact Marjane Selleck at 518-244-2266 or [sellem@sage.edu](mailto:sellem@sage.edu)
- Enrollment deposit of \$500 (non-refundable, to be applied toward graduate tuition.)

### **Castleton/Sage Graduate School Cooperative Degree 4+2 Occupational Therapy**

*Contact: Professor Peter Kimmel, Natural Sciences Department*

Castleton offers this degree program in conjunction with Sage Graduate School, Troy, NY. Students will complete a bachelor's degree from Castleton, including the courses specified below, and will be guaranteed admission to the two-year masters program in Occupational Therapy (MS-OT) at Sage.

Specific program requirements:

1. Complete a baccalaureate degree program at Castleton.\*
2. Complete the following pre-occupational therapy courses with grades of C or better. (24 credits total)

BIO	2011	Human Anatomy and Physiology I	4 cr
BIO	2012	Human Anatomy and Physiology II	4 cr
BIO	2120	Elements of Microbiology	4 cr
MAT	2021	Statistics I	3 cr
PHY	2110	Physics I	4 cr
PSY	1010	Introduction to Psychology	3 cr
PSY	1050	Human Growth and Development	3 cr
PSY	3070	Abnormal Psychology	3 cr

3. Attain a science GPA of 2.75 or better (in Human Anatomy and Physiology, and Physics.)
4. Attain an overall GPA of 3.00 or better.
5. Obtain a positive recommendation from Castleton's pre-health professional faculty.

\*Students may choose from any of Castleton's baccalaureate programs, but we recommend that pre-OT students consider majoring in Psychology, Biology, Health Science, or Sports Medicine.

Castleton students who complete the above requirements will be eligible for:

- Automatic acceptance into Sage Graduate School\*\*
- Waiver of the graduate application fee.
- Early application for graduate assistantships in Sage Graduate School.

\*\*To guarantee placement in the Sage Graduate School OT Program students should submit the following information to the Sage Graduate School Office of Admission:

By January 1 of the year preceding graduation from Castleton:

- Completed SGS application packet (fee waived)
- Official transcripts from all college institutions attended
- Current resume
- One letter of recommendation from the Castleton pre-health profession faculty liaison

By October 15 of the graduation year at Castleton:

- Documentation of 20 hours of clinical observation with a licensed physical therapist
- OT admission interview, contact Marjane Selleck at 518-244-2267 or sellem@sage.edu
- Enrollment deposit of \$500 (non-refundable, to be applied toward graduate tuition.)

### **Castleton/Clarkson Cooperative Degree**

#### **4 + 1 Master of Business Administration**

*Contact: Professor Paul Cohen, Department of Business Administration*

General: Castleton offers this degree program in conjunction with Clarkson University, Potsdam, New York. This program enables Castleton students to complete an MBA in one year instead of the usual two years after a bachelor's degree. Class size for the one-year MBA program is restricted. Students are encouraged to apply early or possibly be placed on a waiting list.

Students will complete a bachelor's degree at Castleton, majoring in any of the Liberal Arts and Sciences or professional programs, and will take the required foundation courses listed below (many of which will satisfy Castleton's General Education requirements). For GUARANTEED admission to Clarkson's MBA Program students must:

1. Maintain a minimum 2.0 GPA in the foundation requirements.
2. Graduate with a minimum 3.0 GPA in upper division courses, or the last four semesters at Castleton.
3. Score in the fiftieth percentile on the Graduate Management Aptitude Test.

Complete the required Castleton courses:

ACC 2101 Accounting I

3 cr

ACC	3010	Managerial Accounting	3 cr
BUS	1270	Principles of Computer Information Systems	3 cr
BUS	2020	Principles of Management*	3 cr
BUS	2230	Principles of Marketing*	3 cr
BUS	3230	Principles of Finance	3 cr
BUS	4110	Operations Management	3 cr
ECO	2020	Macroeconomics	3 cr
ECO	2030	Microeconomics	3 cr
MAT	2021	Statistics I	3 cr

and one of these courses:

BUS	3131	Business Law I	
CRJ	3050	Law and Society	3 cr

In addition, students are expected to have a working knowledge of Calculus. (MAT 1531 will serve as foundation for Calculus).

\*Students completing these courses will be required to complete a course in each of these areas as part of their graduate program. This would not lengthen the program.

### Program Structure

Building on a knowledge base in the foundation subjects, the MBA program consists of 30 semester hours of study (ten courses) at the graduate level. Eighteen hours must be completed from among the core courses in six of the following eight functional areas of study:

Financial Management	Accounting Theory
Marketing Management	Information Systems
Operations Management	Economic Theory
Organizational Behavior	Management Science

All students must also complete one course in Managerial Policy. The remaining nine hours (three courses) consist of electives from among the graduate offerings of the School of Management.

Thus, the candidate has the opportunity to pursue advanced work in the above functional areas as well as specialized work in a variety of other areas. A candidate for the MBA degree must also complete a project designed to test oral and written communication skills.

### Castleton/Keene State College Cooperative Degree 2 + 2 Chemistry

*Contact: Associate Professor Patrick Keller, Natural Sciences Department*

Castleton State College, in conjunction with Keene State College (NH) offers a 2 + 2 Chemistry Program leading to a B.A. in Chemistry or a B.S. in Chemistry. The first two years are taken at Castleton and lead to an Associate in Arts in Chemistry (AA. CHE). The remaining two years are taken at Keene State College for the completion of the B.A. or B.S. in Chemistry.

For GUARANTEED admission to Keene State College's chemistry program, the student must:

1. Complete the requirements for the Associate in Arts in Chemistry at Castleton State College. Courses must include: CHE 1031, CHE 1032, CHE 2111, CHE 2112, CHE 3010 or CHE 3020, PHY 2110, PHY 2210, MAT 1531 and MAT 2021. MAT 2532 (Calculus II) is recommended for students interested in the BA or B.S. in Chemistry.
2. Complete a minimum of 6 courses at Castleton that will meet the general education requirements at Keene State College. Consult the program advisor for a list of Castleton courses that will fulfill this requirement.
3. Maintain a minimum of 3.0 GPA in courses required for the Associate's degree in Chemistry at Castleton. The student must receive a "C" or better in all courses to be transferred to Keene State College.

NOTE: Students not meeting all of these requirements may still be accepted into 1 Chemistry program at Keene State College under a conditional status.

### Recommended Class Schedule:

#### Fall Semester, year 1

CHE 1031	General Chemistry I	4 cr
ENG 1061	English Composition	3 cr
INT 1051	Soundings	1 cr
MAT 2021	Statistics I	3 cr
General Education		6 cr
Elective		3 cr

#### Spring Semester, year 1

CHE 1032	General Chemistry II	4 cr
ENG 1070	Effective Speaking	3 cr
INT 1052	Soundings II	1 cr
MAT 1531	Calculus I	4 cr
General Education		3 cr

#### Fall Semester, year 2

CHE 2111	Organic Chemistry I	4 cr
PHY 2110	Physics I	4 cr
General Education		3 cr
Elective		3 cr

#### Spring Semester, year 2

CHE 2112	Organic Chemistry II	4 cr
PHY 2210	Physics II	4 cr
CHE 3010 or CHE 3020		3 cr
Elective		3 cr

## Course Numbering System

Castleton State College course designation and numbering follow the guidelines developed by the Inter-Institutional Cooperation Committee of the Florida Association of Collegiate Registrars and Admissions Officers.

Example:

ACC 3010 Accounting for Management Decisions Fall 3 cr  
Studies management interpretation and use of accounting information to improve decision-making in manufacturing, service and not-for-profit organizations. Examines types of costs and their relations to volume and profit, standard costs, budgeting, pricing, responsibility accounting, process costing and job order costing. Emphasizes relevant costs and the contribution approach to decisions. This course is not open to students concentrating in accounting. Prerequisite: ACC 2102.

In the example:

- ACC is the prefix designator that indicates that the course is offered in the accounting discipline
- 3010 is the course number.
- “Accounting for Management Decisions” is the course title.
- A course is offered every semester unless noted as in the above example.
- There are no prerequisites for a course unless noted as in the above example.
- The last entry shows the number of credit hours granted for the course.

Course number:

The four numerical digits of the numbers have the following significance:

First Numeral: indicates class year status:

- 0 Pre-college level
- 1 Freshman level courses
- 2 Sophomore level courses
- 3 Junior level courses
- 4 Senior level courses

This status should not be construed to mean that only First-Year students can take 1000's level courses, Sophomores only 2000's level courses, etc. These number levels are a general guide. A student may take any course if the prerequisites are met.

Second Numeral: this provides additional usable numbers. The second 7 has been reserved for special topics and experimental courses, the second 8 for internships, and the second 9 for independent studies.

Third Numeral: this provides additional usable numbers.

Fourth Numeral: The numbers 1, 2, 3, 4 indicate that there is a course sequence. In some cases the sequence is strongly recommended.

- Courses ending with 5, 6, 7, 8, 9 indicate “stand alone” courses.
- Courses with “absolute prerequisites” have the prerequisites listed in the course description.

### **Experimental Offerings**

(Course number 17XX, 27XX, 37XX or 47XX)

Scheduled courses offered on an experimental basis without immediate plans for future continuation or inclusion in the formal curriculum are considered Experimental Offerings. Courses are limited to a maximum of 3 credits, not to exceed 4 credits for laboratory courses.

### **Former Course Numbers**

In the transition to the current numbering system all course numbers have changed. Credit will not be granted again for courses already taken under a different number.

### **Cross-referenced Courses**

In the list of course descriptions, a course listed under one discipline may also be listed under one or more other disciplines. Such courses are acceptable for credit either in the primary discipline or the cross-referenced discipline.

### **Key to prefix designators**

ACC	Accounting	GEY	Geology
ARH	Art History	HIS	History
ART	Art	INT	Introduction to Liberal Arts
AHS	Allied Health Science	MAT	Mathematics
BIO	Biology	MUS	Music
BUS	Business Administration	NAS	Natural Science
CHE	Chemistry	NUR	Nursing
CIS	Computer Information Systems	OER	Outdoor Educational Recreation
COM	Communication	PED	Physical Education
CRJ	Criminal Justice	PHI	Philosophy
DAN	Dance	PHY	Physics
ECO	Economics	POS	Political Science
EDU	Education	PSY	Psychology
ENG	English	SOC	Sociology
ENV	Environmental Policy	SWK	Social Work
FLL	Foreign Language & Literature	SSC	Social Science
FRE	French	SPA	Spanish
GEO	Geography	THA	Theater Arts
		WMS	Women's Studies

## Accounting Courses

ACC 2101	ACCOUNTING I	3 cr
<p>This course studies the role accounting information plays in decision-making and the importance of income, cash flows, and financial position to organizations. Issues will be considered from a variety of users' viewpoints. Included in the course will be (1) a focus on analytic and problem-solving skills, (2) technological and communication skill development, and (3) an awareness of ethical issues and public policy issues. <i>Materials charge \$20. Fall.</i></p>		

ACC 2102	ACCOUNTING II	3 cr
<p>A continuation of the study of the role accounting information plays in decision-making and the importance of income, cash flows, and financial position to organizations. Issues will be considered from a variety of users' viewpoints. Included in the course will be (1) a focus on analytic and problem-solving skills, (2) technological and communication skill development, and (3) an awareness of ethical issues and public policy issues, and (4) a development of research skills.</p> <p><i>Prerequisite:</i> ACC 2101. <i>Materials charge</i> \$20. <i>Spring.</i></p>		

ACC 2103	ACCOUNTING TOOLS	2 cr
<p>This course will provide the necessary technical background to enter Advanced Intermediate Accounting. Projects requiring computer usage will be assigned and may include general ledger packages, spreadsheet usage, and tutorial software. <i>Prerequisite: ACC 2101. Materials charge \$20. Spring.</i></p>		

ACC 3010	ACCOUNTING FOR MANAGEMENT DECISIONS	3 cr
<p>Studies management interpretation and use of accounting information to improve decision-making in manufacturing, service and not-for-profit organizations. Examines types of costs and their relations to volume and profit, standard costs, budgeting, pricing, responsibility accounting, process costing and job order costing. Emphasizes relevant costs and the contribution approach to decisions. This course is not open to students concentrating in accounting. <i>Prerequisite:</i> ACC 2101. <i>Fee \$20, Fall.</i></p>		

ACC 3011	ADVANCED INTERMEDIATE ACCOUNTING I	3 cr
<p>This course provides an extensive study of generally accepted accounting principles as applied to the recording and reporting of asset, liability, and equity accounts, the financial statements, and the required disclosures. Computer applications, case studies, and problem solving are an integral part of this course. <i>Prerequisite: ACC 2102, ACC 2103, Fall.</i></p>		

ACC 3012	ADVANCED INTERMEDIATE ACCOUNTING II	3 cr
<p>This course is a continuation of Advanced Intermediate Accounting I. Includes coverage of professional pronouncements related to proper reporting and disclosure of financial information.</p> <p><i>Prerequisite:</i> ACC 3011. Spring.</p>		



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- ACC 3020                      COST ACCOUNTING                      3 cr  
Covers principles of cost determination in manufacturing, service and nonprofit organizations. Examines various cost systems such as job order, process, and standard as well as topics of current interest such as JIT and ABC. Stresses the accounting role in decision making and the need to adapt in a changing business environment. Group assignments are used both in and out of class. *Prerequisite: ACC 2101, ACC 2103. Spring, odd years.*
- ACC 3810                      INTERNSHIP IN ACCOUNTING                      1-12 cr  
Signed contract required at time of registration.
- ACC 4010                      ACCOUNTING INFORMATION SYSTEMS                      3 cr  
This course will analyze the development, maintenance, and control of the accounting system. It will focus on manual and/or computer-based systems. *Prerequisite: ACC 3012. Fall.*
- ACC 4021                      ADVANCED ACCOUNTING                      3 cr  
The course covers accounting issues for partnerships, consolidation, foreign currency translations, estates and trusts, franchises, and other current advanced accounting topics. Case study and problem analysis will be prominent in this course. *Prerequisite: ACC 3012. Fall.*
- ACC 4030                      GOVERNMENTAL AND NOT FOR PROFIT ACCOUNTING                      3 cr  
This course provides an introduction to governmental and nonprofit accounting. It will focus on fund accounting and may include topics in accounting for colleges, universities, hospitals, voluntary health and welfare, other nonprofit entities, and governmental entities. *Prerequisite: ACC 3011. Alternate years. Spring, even years.*
- ACC 4041                      INCOME TAX I                      3 cr  
This course focuses on the concepts and logic that form the foundation of federal income tax law. Current tax law is examined in the context of these concepts. Various taxable entities are considered but the primary focus is on the individual and small business. Full coverage of federal income tax law requires that tax return preparation and tax law research also be included. *Prerequisite: ACC 3011 or ACC 3011 concurrently. Materials charge \$20. Fall.*
- ACC 4042                      INCOME TAX II                      3 cr  
This is a continuation of ACC 4041. Federal Income Taxation of corporations, partnerships, and estates and trusts will be covered. Also, a limited introduction to estate and gift taxes. *Prerequisite: ACC 4041. Periodically.*
- ACC 4050                      AUDITING AND ASSURANCE SERVICES                      3 cr  
Auditing introduces principles and procedures of gathering evidence in accordance with generally accepted auditing standards in order to form an opinion on the "fairness of presentation" of financial statements. The role of risk assessment in the audit environment and the nature of attestation and assurance services are examined. *Prerequisite: ACC 4010. Spring*
- ACC 4810                      INTERNSHIP IN ACCOUNTING                      1-12 cr  
Signed contract required at time of registration.

## Anthropology Courses

*Other relevant courses may be found under Sociology.*

ANT 1010                    INTRODUCTION TO CULTURAL ANTHROPOLOGY                    3 cr  
An analysis of the origin and bases of culture. Its major components: cultural variation, cultural evolution, and cultural adaptation. Analysis of selected cultures as case studies. *Every semester.*

ANT 2210                    ANTHROPOLOGY AND THE ENVIRONMENT                    3 cr  
This course explores the interface between culture and the natural environment from a cultural ecological perspective. Through cross-cultural comparisons, with an emphasis on the contrasts between small-scale and large-scale societies, it examines human relationships with nature. Particular attention is given to the effects subsistence practices, economics, politics, and globalization have on a culture's changing attitudes about and behaviors toward the environment. *Prerequisites: Introduction to Sociology SOC 1010, or Introduction to Cultural Anthropology ANT 1010, or by consent of the instructor. Periodically.*

ANT 3210                    ANTHROPOLOGY OF FOOD                    3 cr  
The relationship between food, culture, and society, and its role in historical and contemporary cultures is now recognized as a serious field of research and scholarship, especially in anthropology and related fields. Employing an interdisciplinary approach, including culinary history, archeology, economics, diet and nutritional studies, as well as cooking demonstrations, guest cooks, and dining, the course will examine the function and meaning of food and cuisine as a way to understand cultural invention and identity, social organization, conflict, and social change. *Prerequisite: ANT 1010, SOC 1010, or consent of the instructor. Periodically.*

ANT 4910                    INDEPENDENT STUDY                    3 cr

## Allied Health Sciences Courses

*Other relevant courses may be found under Biology and Physical Education.*

AHS 1010                    CONTEMPORARY HEALTH ISSUES                    3 cr  
Exploration of the aspects of life that have a great impact on your health, in order to develop the decision making skills needed to make intelligent, informed health care choices throughout life. *Fall.*

AHS 1060                    INTRODUCTION TO THE ATHLETIC TRAINING PROFESSION                    2 cr  
This introductory course investigates the educational and professional requirements necessary to become a Certified Athletic Trainer through the National Athletic Trainers Association (NATA). Topics of discussion will include the history and structure of the NATA, requirements to sit for the NATABOC Certification Examination, Castleton State College Athletic Training Education Program requirements, Castleton athletic training room duties and responsibilities and the role of the athletic training professional in the sports medicine setting. The course also includes the use of basic therapeutic modalities and a practical study of the application of athletic taping and wrapping techniques. *Fall.*

AHS 1070                    BASIC ATHLETIC TRAINING                    3 cr  
An investigation into the prevention, subsequent treatment and management of common orthopedic injuries. The course includes basic anatomy, use of therapeutic modalities, and principles

of athletic conditioning. A practical study of applying athletic tape and wraps is included. *Prerequisite: BIO 2011 or presently enrolled. Lab fee \$30. Every Semester.*

**AHS 2030                      DRUG AND ALCOHOL CURRICULUM                      3 cr**  
This course will examine the issues of alcohol and drug education and will explore various curriculum models and teaching strategies. Integrating into subject areas and implementation in school systems will be discussed. *Fall.*

**AHS 2120                      WELLNESS FOR LIFE                      3 cr**  
This course investigates the components involved in developing a healthy lifestyle with an emphasis on the physical nature of wellness. Attention is principally devoted to the components of fitness to include cardiovascular endurance, muscular strength, and flexibility. In addition, an overview of dietary practices and nutrition, protecting oneself from disease including coronary heart disease, cancer, sexually transmitted diseases and HIV/AIDS and making responsible decisions regarding controlled substances such as tobacco, alcohol, and other drugs will be covered. *Every semester.*

**AHS 2150                      DESIGNS FOR FITNESS                      3 cr**  
This course investigates the basic components of fitness. Topics include: 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. *Every semester.*

**AHS 2151                      EVALUATION AND MANAGEMENT OF  
INJURIES TO THE LOWER EXTREMITY                      3 cr**  
An investigation into the anatomy, injury mechanism, evaluation and management of orthopedic injuries to the lower extremity. The student will learn the cognitive and psycho motor process involved in both on field and clinical evaluations of sport related injuries. Advanced management procedures will be included. *Prerequisite: AHS 1070 or AHS 2160. Fall.*

**AHS 2152                      EVALUATION AND MANAGEMENT OF  
INJURIES TO THE UPPER EXTREMITY                      3 cr**  
An investigation into the anatomy, injury mechanism, evaluation and management of orthopedic injuries to the upper extremity. The student will learn the cognitive and psycho motor processes involved in both on field and clinical evaluations of sport related injuries. Advanced management procedures will be included. *Prerequisite: AHS 1070 or AHS 2160. Spring.*

**AHS 2157                      REHABILITATION OF ORTHOPEDIC INJURIES                      3 cr**  
This course investigates the planning and implementation of a comprehensive rehabilitation program for injuries/illnesses sustained by the competitive athlete. Topics include determination of therapeutic goals and objectives, methods of recording rehabilitation progress and the theory and principles associated with the use of specific therapeutic exercise techniques to include manual muscle testing, PNF, aquatic exercise and joint mobilization. Included is a study of recent surgical techniques and rehabilitation protocols following surgery. *Prerequisites: AHS 2151 or AHS 2160, or permission of the instructor. Spring.*

**AHS 2160                      ANATOMICAL ASPECTS OF SPORTS MEDICINE                      3 cr**  
This course will investigate the structure and function of the gross anatomy involved in athletic

injuries and sports medicine. Topics include: joint structure and biomechanics, tissues, articulations, supportive and connective tissue arrangement, skeletal and neurological systems. *Prerequisite: BIO 2011. Spring.*

**AHS 2170                      STRENGTH TRAINING PRINCIPLES                      2 cr**

Strength Training Principles is a new course designed to develop the student's knowledge in the techniques and theories of strength training. Focus will be on proper lifting technique and safety. Secondary attention will be devoted to designing strength-training programs. This is an activity class and participation is mandatory. *Every semester.*

**AHS 2821                      ATHLETIC TRAINING CLINICAL I                      1 cr**

This course enables the student to work one-on-one with an Approved Clinical Instructor (ACI) in order to demonstrate proficiency in various athletic training skills. When demonstrating a clinical proficiency, the student must analyze a problem, consider the facts at hand, and make decisions about the appropriate course of action. In this clinical course the student will be responsible for completing the following proficiency checklists: AHS 1010, AHS 2151, and PED 2160. In addition, the student will develop a portfolio in this course. *Prerequisites: AHS 1010, AHS 2151, PED 2160. Spring.*

**AHS 3030                      THERAPEUTIC MODALITIES                      3 cr**

This course follows a lecture/lab format combining the theoretical with hands-on experience of applying therapeutic modalities (ice, heat, electronic stimulation, ultrasound, intermittent compression, etc.) as it relates to orthopedic and related injuries. A study of inflammation, pain theories and tissue healing is included. *Prerequisites: AHS 2151, AHS 2152 or permission of instructor. Fall.*

**AHS 3090                      INTRODUCTION TO  
ALTERNATIVE/COMPLEMENTARY MEDICINE                      3 cr**

The purpose of this course is to introduce the learner to the theory and practice of the most widely used complementary and alternative therapies. Such as, but not limited to: "alternative" medical systems, mind/body treatment approaches, bodywork, and dietary supplements. This course will focus on informing the participants and future practitioners [which may include all appropriate majors] about these systems, treatment approaches/therapies, and supplementation methods, thus empowering participants to include these options, where appropriate, into the decision making process related to attaining and maintaining high level wellness for themselves and their future clients. *Periodically.*

**AHS 3120                      KINESIOLOGY                      3 cr**

This course is designed to present information concerning the study of human movement. The primary emphasis is on the investigation of the mechanics of movement in order to provide the student with an ability to analyze and correct physical skills and movement patterns. In addition, laboratory sessions are designed to enhance the understanding of the topics covered in lecture. *Prerequisite: BIO 2012. Every semester.*

**AHS 3140                      ADMINISTRATION OF ATHLETIC TRAINING AND  
SPORTS MEDICINE PROGRAMS                      3 cr**

This course investigates the planning, coordination and supervision of all administrative components of an athletic training and sports medicine program. Topics to be considered include basic legal concepts in sports medicine, medical/allied health care personnel and referral procedures, safety standards and

policies, basic record and forms pertaining to the management of athletic injuries, computer application in sports medicine, drug testing and screening, budget preparation and financial management, athletic training room management, personnel management, ethical and public relations. *Prerequisite: Advanced standing (accepted into the Athletic Training Program). Fall, odd years.*

**AHS 3150                      PHYSIOLOGY OF EXERCISE                      4 cr**  
An examination of the acute and chronic physiological responses to exercise. Muscle, renal, endocrine and environmental physiology, energy metabolism, and cardiovascular function in response to exercise training will be emphasized and applied to laboratory activities. *Prerequisites: BIO 2011 and 2012. FEE \$40. Every semester.*

**AHS 3310                      EXERCISE TESTING AND PRESCRIPTION                      3 cr**  
A practical study of current fitness testing protocols used in various health fitness settings. Emphasis is placed on preparation, administration, and evaluation of fitness assessment and exercise prescription based on the American College of Sports Medicine guidelines. *Prerequisite: AHS 3150. Spring.*

**AHS 3811                      EVALUATION AND MANAGEMENT OF INJURIES  
TO THE HEAD, NECK, AND TRUNK                      2 cr**  
This course is designed to develop knowledge and skills in the evaluation and management of injuries to the head, neck, and trunk. The student will demonstrate proficiency in various cognitive and psychomotor skills that an entry-level athletic trainer must possess in order to evaluate injuries and illnesses of athletes and others involved in physical activity and to determine proper care, referring the client to other health care providers when appropriate. *Prerequisite(s): AHS 2151 or AHS 2152, or permissions of instructor. Spring.*

**AHS 3813                      PHARMACOLOGY AND GENERAL  
MEDICAL CONDITIONS                      2 cr**  
This course is designed to develop the knowledge, skills, and values that the entry-level athletic trainer must possess in pharmacologic applications relevant to the treatment of injuries to and illnesses of athletes and others involved in physical activity. In addition, the student will learn to recognize, treat, and refer, when appropriate, the general medical conditions and disabilities of athletes and others involved in physical activity. *Prerequisite(s): AHS 3030 or 3130, or permission of instructor. Fall, even years.*

**AHS 3822                      ATHLETIC TRAINING CLINICAL II                      1 cr**  
This course enables the student to work one-on-one with an Approved Clinical Instructor (ACI) in order to demonstrate proficiency in various athletic training skills. When demonstrating a clinical proficiency, the student must analyze a problem, consider the facts at hand, and make decisions about the appropriate course of action. In this clinical course the student will be responsible for completing the following proficiency checklists: AHS 2130, AHS 2150, and AHS 2152. In addition, the student will develop a portfolio in this course. *Prerequisites: AHS 2130, AHS 2150, AHS 2152. Fall.*

**AHS 3823                      ATHLETIC TRAINING CLINICAL III                      1 cr**  
This course enables the student to work one-on-one with an Approved Clinical Instructor (ACI) in order to demonstrate proficiency in various athletic training skills. When demonstrating a clinical proficiency, the student must analyze a problem, consider the facts at hand, and make decisions about the appropriate course of action. In this clinical course the student will be responsible for completing the following proficiency checklists: AHS 3030. In addition, the student will develop a portfolio in this course. *Prerequisites: AHS 3030. Spring.*

**AHS 4050                    ADVANCED ATHLETIC TRAINING                    3 cr**

This course is designed to investigate advanced concepts in athletic training, and prepare senior students in the athletic training education program for the NATABOC certification examination. Topics of focus will include selection and fitting of protective equipment, recognition and management of environmental injuries and illnesses, psychosocial intervention and referral in athletics, and professional development and responsibilities. As a culmination of the clinical education and field experiences required to take the NATABOC examination, the student will develop an individualized study plan. Resume writing, public speaking and other professional preparation activities will be included. *Fall.*

**AHS 4065                    ELECTROCARDIOGRAPHY AND GRADED  
EXERCISE TESTING                    4 cr**

The intent of the course is to instruct students in the acquisition and interpretation of both resting and exercise electrocardiograms. Various supraventricular and ventricular dysrhythmias will be covered, and students will be taught to administer a graded exercise test according to the American College of Sports Medicine guidelines. *Prerequisites: AHS 3150. Spring.*

**AHS 4210                    PATHOPHYSIOLOGY AND CLINICAL  
EXERCISE PHYSIOLOGY                    3 cr**

This course concentrates on the pathophysiology of selected diseases and the role of exercise. The diseases covered include cardiac, pulmonary, immune, metabolic, neuromuscular, and renal diseases. This information is important for those students who have an interest in clinical exercise physiology. *Prerequisite: AHS 3150. Fall, odd years.*

**AHS 4220                    SCIENTIFIC FOUNDATIONS OF STRENGTH  
AND CONDITIONING                    3 cr**

This course is designed to provide students with a comprehensive review of muscle and cardiovascular physiology, biochemistry, and endocrinology related to the principles of strength training and conditioning. Emphasis will be placed on sport analysis and program design to enhance performance variables. This course will also assist those students who desire to take the National Strength and Conditioning Association's Certified Strength and Conditioning (CSCS) exam. *Prerequisites: AHS 2170, 3150. Fall.*

**AHS 4260                    NUTRIENT METABOLISM AND ATHLETIC PERFORMANCE                    3 cr**

The course focuses on the mechanisms of energy production and expenditure involved in cellular metabolism with a special emphasis on carbohydrate, lipid, and protein metabolism. Relationships between optimal nutrition and sports and exercise, thermoregulation and fluid balance, and ergogenic aids on physical performance will be covered. *Prerequisites: AHS 3150, CHE 1031. Spring.*

**AHS 4824                    ATHLETIC TRAINING CLINICAL IV                    1 cr**

This course enables the student to work one-on-one with an Approved Clinical Instructor (ACI) in order to demonstrate proficiency in various athletic training skills. When demonstrating a clinical proficiency, the student must analyze a problem, consider the facts at hand, and make decisions about the appropriate course of action. In this clinical course the student will be responsible for completing the following proficiency checklists: AHS 1060 and AHS 3811. In addition, the student will develop a portfolio in this course. *Prerequisites: AHS 3811, AHS 1060. Fall.*

**AHS 4825                    ATHLETIC TRAINING CLINICAL V                    1 cr**

This course enables the student to work one-on-one with an Approved Clinical Instructor (ACI) in order to demonstrate proficiency in various athletic training skills. When demonstrating a clinical

proficiency, the student must analyze a problem, consider the facts at hand, and make decisions about the appropriate course of action. In this clinical course the student will be responsible for completing the following proficiency checklists: AHS 3140, AHS 3813, AHS 4050. In addition, the student will develop a portfolio in this course. *Prerequisites: AHS 3140, AHS 3813, AHS 4050. Spring.*

AHS 4830                      INTERNSHIP IN EXERCISE SCIENCE                      1-12 cr  
See section on internships on page 12. Signed contract is required at time of registration.

AHS 4910                      SENIOR RESEARCH IN EXERCISE SCIENCE                      3 cr  
This course is designed to complete the research process initiated in PED 4910 Senior Thesis. Senior Research in Exercise Science will provide undergraduate students an opportunity to learn to do research under the close guidance of a faculty member. Students will further expand their proposal by developing informed consent and medical history forms, obtain Human Subjects Institutional Review Board (IRB) approval, collect data, perform statistical analysis, and write the discussion and conclusion of the research project. Students will be responsible for presenting their research orally and potentially prepare an abstract/paper for publication. *Prerequisite: PED 4910 and permission of instructor, Periodically.*

## Art History Courses

*Other relevant courses may be found under Art.*

ARH 1010                      INTRODUCTION TO THE HISTORY OF ART                      3 cr  
Introduction to principles of aesthetics in art through a chronological study of painting, sculpture, and architecture; prehistoric to the present. *Every semester.*

ARH 1020                      CRITICAL PERIODS OF WESTERN ART                      3 cr  
A discussion of major issues concerning artists from antiquity to the present. *Spring.*

ARH 2011                      SURVEY OF WESTERN ART I                      3 cr  
History of Western Art as expressed through architecture, sculpture and painting; Prehistoric to Renaissance art. *Fall.*

ARH 2012                      SURVEY OF WESTERN ART II                      3 cr  
History of Western Art as expressed through architecture, sculpture and painting; Renaissance to the present. *Prerequisite: ART 2011 if possible. Spring.*

ARH 2030                      HISTORY OF ARCHITECTURE                      3 cr  
History of world architecture from the 5th century B.C. to the present. *Periodically.*

ARH 3010                      CLASSICAL ART: GREECE AND ROME                      3 cr  
History of Ancient Greek and Roman architecture, sculpture and painting. *Periodically.*

ARH 3030                      ITALIAN RENAISSANCE ART                      3 cr  
History of architecture, sculpture, and painting in Italy from ca. 1200 to ca. 1600. *Periodically.*

ARH 3040                      THE ART OF MEDIEVAL EUROPE                      3 cr  
History of European art and architecture from the fall of Rome through the Romanesque and Gothic periods. *Periodically.*

- ARH 3050                    AMERICAN ART                    3 cr  
History of American art from the Colonial period to 1913. *Fall, even years.*
- ARH 3051                    HISTORY OF NINETEENTH CENTURY ART                    3 cr  
Western painting and sculpture from the late eighteenth century and Neoclassical period to 1900. *Spring, odd years.*
- ARH 3052                    HISTORY OF TWENTIETH CENTURY ART                    3 cr  
European and American painting and sculpture from 1900 to 1945. *Fall, even years.*
- ARH 3070                    ART SINCE 1945                    3 cr  
History of European and American painting and sculpture from 1945 to the present. *Fall, odd years.*

## Art Courses

*Other relevant courses may be found under Art History.*

- ART 1011                    DRAWING                    3 cr  
An investigation of drawing media and techniques with emphasis on rendering from empirical observation. Proportion, anatomy, volume structure and perspective may be investigated. Experience in drawing the human figure and still life. *A studio fee may be required. Every semester.*
- ART 1020                    INTRODUCTION TO STUDIO ARTS                    3 cr  
A studio course designed to introduce the concepts, motivations and theory of making art. Experimentation with various media in the studio environment. Consideration of conceptual and linguistic processes that affect perception. *A studio fee may be required. Every semester.*
- ART 1030                    COMPOSITION AND CONCEPTS IN PAINTING                    3 cr  
An intensive investigation of visual form and meaning in painting. Emphasis is on development of strong perceptual and conceptual bases for further study in art. *A studio fee may be required. Spring.*
- ART 1110                    GRAPHIC DESIGN                    3 cr  
This course presents two dimensional design theory; basic to graphic design in print media. Elements of design such as form, line, color, balance, movement and space are addressed. Traditional graphic design tools are employed and design issues are addressed in the context of graphic communication. Problems may include posters, book jackets, logos and signage development. *A studio fee may be required. Fall.*
- ART 1230                    INTRODUCTION TO COMPUTING IN  
THE ARTS AND HUMANITIES (also listed as COM 1230)                    3 cr  
This course will provide a systematic introduction to the use of computing in the arts and humanities including file management, word processing, electronic mail, the use of the world wide web for research and publication, image editing and page layout. This course fulfills the general education computer proficiency requirement and provides basic skills for further study in graphic arts. It does not count toward art program requirements. *Lab fee: \$20. Every semester.*
- ART 2010                    INTRODUCTION TO COMPUTER GRAPHIC DESIGN                    3 cr  
An introduction to the computer as a tool for design, illustration, and layout. This course, designed to develop proficiency in the use of the computer as a visual tool, provides a foundation for fur-





- ART 2221            COMPUTER GRAPHICS I (also listed as COM 2221)            3 cr  
Experimentation and exploration of computer graphics design application with emphasis on individually designed projects. Particular emphasis placed on design principles and composition. A good background in mathematics is strongly recommended, as well as creative and versatile imagination. *Prerequisite: Consent of the instructor. A studio fee may be required. Periodically.*
- ART 2222            COMPUTER GRAPHICS II (also listed as COM 2222)            3 cr  
Focused exploration of computer graphics applications with individually identified projects. Emphasis on practicality of projects. *Prerequisite: ART 2221. A studio fee may be required. Periodically.*
- ART 2251            SCULPTURE I            3 cr  
Instruction in the theoretical and practical observation of form, space and its dimensional concepts. Abstract interpretation and working directly from the model. *A studio fee may be required.*
- ART 2252            SCULPTURE II            3 cr  
Further instruction in the principles of sculptural form using a variety of materials and techniques. *Prerequisite: ART 2251 or consent of instructor. A studio fee may be required. Every semester.*
- ART 2261            INTRODUCTION TO PROFESSIONAL STUDIO ARTS            3 cr  
A studio/critique course for those seriously involved in any visual art medium. Goals of the course are the development of visual, verbal and conceptual skills necessary for long-range involvement in art. Students may take a second semester for credit. *Prerequisite: Elective for art majors only, sophomore status. Every semester.*
- ART 2301            PHOTOGRAPHY I            3 cr  
An introductory studio course exploring camera techniques, film exposure and black and white darkroom procedures. Emphasis is on photography as an art form and the potential of the medium as a vehicle for personal visual expression. Historical, cultural and aesthetic contexts will be considered. Students must furnish (or have regular access to) their own inexpensive adjustable camera and supplies. Field trips may be included. *A studio fee may be required.*
- ART 2302            PHOTOGRAPHY II            3 cr  
Further exploration of photography as an art form with intensive application of materials and techniques. The refinement of the print, the zone system and contrast control will be considered. Presentation of selected work in a portfolio, visual book or other form will be required. *Prerequisite: ART 2301 or consent of instructor. A studio fee may be required. Spring.*
- ART 2311            PRINTMAKING I            3 cr  
An introduction to relief printing and monoprinting processes. Emphasis is on experimentation and exploration of the print as a vehicle of artistic expression. The relationship of printmaking to developing ideas for painting and sculpture is considered. *Studio fee \$20. Every semester.*
- ART 2312            PRINTMAKING II            3 cr  
A fundamental course in intaglio printing. Drypoint, engraving, etching and aquatint may be explored. Emphasis is on conception as well as technique. *Prerequisite: ART 2311 or consent of instructor. Studio fee \$20. Every semester.*
- ART 2710            SPECIAL TOPICS            3 cr  
Courses may be offered from time to time presenting particular areas for consideration on an

advanced level. Topics may include recent art criticism, art historical issues and philosophical and aesthetic concerns of the artist in the studio. Lecture, seminar. *Prerequisite: Consent of instructor.*

**ART 2910                      INDEPENDENT STUDY                      1-3 cr**

Available by arrangement with any art faculty member. A written proposal must be approved by the instructor and the department chair prior to registration. *Prerequisite: Consent of instructor. Signed contract required at time of registration. Every semester.*

**ART 3011                      DRAWING III                      3 cr**

Advanced theory and practice of drawing. Examination of ideas and techniques in all drawing media through studio, lecture, critique. Focus is on individual development. Students may take a second semester for credit. *Prerequisite: ART 2012 or consent of instructor. Studio fee \$20. Every semester.*

**ART 3110                      CHILDREN'S BOOK ILLUSTRATION                      3 cr**

This course deals with the development of narrative imagery, pictorial illusion and space, and their combined potential for communication. Emphasis will be placed on children's book illustration and on approaches to problem-solving and self-expression through a variety of materials and techniques. The history of illustration will be addressed and major trends and artists will be considered. *A studio fee may be required. Periodically.*

**ART 3113                      PAINTING III                      3 cr**

A studio course emphasizing the development of intellectual and technical facility through research and experimentation in painting. Objectives of the course include developing a working process to build personal imagery and relating that imagery to historical, formal and technical ideas. Students are encouraged to investigate contemporary thought in art, literature, philosophy, science and other fields. Students may take a second semester for credit. *Prerequisite: ART 2212 or consent of instructor. Studio fee \$20. Every semester.*

**ART 3130                      WEB GRAPHICS                      3 cr**

Students will learn to create digital imagery suitable for the world wide web. An emphasis will be placed on effectively communicating ideas in an interactive medium. Appropriate image file formats will be covered as well as working within the available digital color palettes. *Prerequisite: ART 2010 or consent of instructor. Lab fee \$20. Every semester.*

**ART 3131                      PROFESSIONAL STUDIO ARTS I                      3 cr**

A studio/critique course for those seriously involved in any visual art medium. Goals of the course include the development of visual, verbal and conceptual skills necessary for long-range involvement in art. Fulfills program requirements for art majors only. Students may take a second semester for credit. *Prerequisite: Junior status. Pass/No Pass. Every semester.*

**ART 3253                      SCULPTURE III                      3 cr**

A studio course stressing further exploration of the sculptural process. Students may work in abstract, figurative experimental modes. Emphasis is on individual development and the attainment of a person direction. *Prerequisite: Consent of instructor. A studio fee may be required. Every semester.*

- ART 3303                      PHOTOGRAPHY III                      3 cr  
Development of theoretical and conceptual bases for long-range involvement with photographic image-making and processes. The course may include research, group critiques. Portfolio required. A studio fee may be required. *Prerequisite: ART 2302 or consent of instructor. Spring.*
- ART 3313                      PRINTMAKING III                      3 cr  
An advanced studio for those with a working knowledge of printmaking processes. Emphasis is on the extension and refinement of individual expression and technique. *Prerequisite: ART 2312 or consent of instructor. Studio fee \$20. Every semester.*
- ART 3910                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with any art faculty member. A written proposal must be approved by the instructor and the department chair prior to registration. *Prerequisite: Consent of instructor. Signed contract required at time of registration.*
- ART 4011                      DRAWING IV                      3 cr  
Drawing as an art form with emphasis on disciplined draftsmanship and the development of the students' ability to work at a conceptually advanced level. Students may take a second semester for credit. *Prerequisite: ART 3011 or consent of instructor. Studio fee \$20. Every semester.*
- ART 4114                      PAINTING IV                      3 cr  
Studio experience with an emphasis on excellence in painting and the development of the students' ability to work at a conceptually advanced level. *Students may take a second semester for credit. Prerequisite: ART 3113 or consent of instructor. Studio fee \$20. Every semester.*
- ART 4133                      PROFESSIONAL STUDIO ARTS II                      3 cr  
A studio/critique course for those seriously involved in any visual art medium. Goals of the course include the development of visual, verbal and conceptual skills necessary for long-range involvement in art. *Fulfills program requirements for art majors only. Students may take a second semester for credit. Prerequisite: Senior status. Every semester.*
- ART 4254                      SCULPTURE IV                      3 cr  
A studio experience in three dimensional form emphasizing the development of advanced conceptual ability as well as expressive and technical skills. *Contemporary art practice, theory and criticism will be considered. Prerequisite: ART 3253 or consent of instructor. Studio fee \$30. Every semester.*
- ART 4304                      PHOTOGRAPHY IV                      3 cr  
An intensive investigation of photographic form. Students will apply critical and technical skills in defining a personal direction in photography. Historical issues and contemporary criticism will be addressed. Master printing in black and white, zone system applications, the medium format camera and the view camera will be discussed. Experimental and alternative processes may be included. *Prerequisite: ART 3303 or consent of instructor. Studio fee \$20. Spring.*
- ART 4314                      PRINTMAKING IV                      3 cr  
The refinement of technical skills and the use of printmaking as a vehicle for personal expression are emphasized. Conceptual, aesthetic and critical issues will be considered. *Prerequisite: ART 3313 or consent of instructor. Studio fee \$20. Every semester.*

**ART 4910 INDEPENDENT STUDY 1-3 cr**  
 Available by arrangement with art faculty member. A written proposal must be approved by the instructor and the department chair prior to registration. *Prerequisite: Consent of instructor. Signed contract required at time of registration.*

**ART 4920 SENIOR EXHIBITION/PRESENTATION 1 cr**  
 Senior art majors who chose painting, printmaking, photography, graphic design or sculpture as their field of concentration are required to mount an exhibition of their work. Majors who elect art history as their chosen field are required to make a public presentation based on their intermediate and advanced coursework in art history. Exhibitions and presentations will be evaluated by art faculty. *Prerequisite: Fulfillment of all other requirements for art majors.*

## **Biology Courses**

*Other relevant courses may be found under Allied Health Sciences and Chemistry.*

**BIO 1010 HUMAN BIOLOGY AND LABORATORY 4 cr**  
 A one-semester course intended for non-science majors that provides an overview of human biology. All major organ systems will be covered, with an emphasis on their interactions, their importance in maintaining health, and the effects of disease and injury. May not be taken for biology credit by BA.BIO majors. Lecture and lab *Prerequisite: Social Work major or consent of instructor. Lab fee \$40. Fall, odd years.*

**BIO 1070 BIOLOGICAL ILLUSTRATION 3 cr**  
 The course is designed to expose the student to three techniques: (1) pen & ink illustration done with technical illustrating pens; (2) carbon dust, a soft technique used to create half-tone illustrations with carbon pencil dust; and (3) colored pencil, using Prisma colored pencils on drafting film or Bristol board, producing beautiful and vibrant illustrations. This course is geared towards students with little or no drawing experience and helps them gain a new sense of artistic accomplishment as well as a heightened ability to accurately observe nature. *Lab Fee \$40, Fall.*

**BIO 1141 BIOLOGY I 4 cr**  
 A comprehensive introduction to biology focused on molecular, cellular, and systems processes. This course provides an introduction to all areas of biology. Lecture and lab. *Lab fee \$40. Fall.*

**BIO 1142 BIOLOGY II 4 cr**  
 The continuation of Biology I, with particular emphasis on systems-level processes. Lecture and lab. *Prerequisite: BIO 1141. Lab fee \$40. Spring.*

**BIO 1160 FLORA AND FAUNA OF VERMONT 3 cr**  
 An inquiry-based field course devoted to the study of local natural history. We will investigate the biology and taxonomy of plants and animals, as well as interactions between animals and their habitat. Field trips to off-campus locations and hiking on rugged terrain is required. Lecture and lab. *Lab fee \$40. Fall.*

**BIO 1270 HORTICULTURE OF MEDICINAL PLANTS 3 cr**  
 Introduction to basic gardening techniques, plant growth and propagation, plant identification, and greenhouse management. Emphasis will be on growing medicinal plants and vegetables with

significant health benefits. Work will be done primarily in the greenhouse, medicinal plant gardens and lab. Research is required on individual projects. Course content and projects will vary with season. Lecture, Lab and Field Work. Lab Fee \$40. Periodically. (Spring or Summer).

**BIO 1310                      EXPLORATIONS IN BIOLOGY                      1 cr**

These are lecture, lab or seminar courses on selected, introductory-level topics in the biological sciences, especially those of interest to non-science majors. The topic for each course will be announced prior to the semester of offering, and the course may be taken more than once for credit. *No more than two credits of BIO 1310 may be used to satisfy the minimum biology requirements for BA.BIO and BA.ENV majors.*

**BIO 1320                      TROPICAL DIVERSITY                      4 cr**

In this course we will delve into the variety and interdependence of all living things on earth. In doing so, we will focus on the flora and fauna of St. John (U.S.V.I.) particularly the patch reefs that surround the island and comprise one the world's few Marine Reserves. Although this island remains approximately three-fifths national park and contains an incredibly rich biodiversity, St. John faces many of the challenges that threaten life's variety throughout the tropics and beyond. Our semester's investigation will culminate with a week-long trip to St. John for first hand experience in tropical biodiversity. *Fee \$1,300. Spring, odd years*

**BIO 2011                      HUMAN ANATOMY AND PHYSIOLOGY I                      4 cr**

An investigation of the structure and function of the human body in health and disease. Topics include: the cell, cellular metabolism, tissues, integument, skeletal system, articulations, and muscular and nervous systems. Lecture and lab. Prerequisite: Nursing, Physical Education, Natural Science, Psychology or Social Work major or consent of instructor. Previous experience in biology and chemistry (high school or college) is highly recommended. *Lab fee \$40. Fall.*

**BIO 2012                      HUMAN ANATOMY AND PHYSIOLOGY II                      4 cr**

A continuation of BIO 2011. Topics include the endocrine, digestive, respiratory, cardiovascular, lymphatic, urinary and reproductive systems. Lecture and lab. *Prerequisite BIO 2011 or consent of instructor. Lab fee \$40. Spring.*

**BIO 2125                      ELEMENTS OF MICROBIOLOGY                      4 cr**

An introduction to the field of microbiology with emphasis on the relationship of microbes to health and disease. *Prerequisites: BIO 1141 and 1142 or BIO 2011 and 2012. Lecture and lab. Lab fee \$40. Fall.*

**BIO 2140                      BOTANY                      3 cr**

An introduction to the study of plant biology including the structure and function of cells and tissues, photosynthesis, and a survey of the plant kingdom with special emphasis on the higher plants. *Spring.*

**BIO 2310                      ANIMAL DIVERSITY                      4 cr**

A study of the form, function, taxonomy, and ecology of animals of the major groups in relation to and compared to man. Fundamental life processes will be considered at various levels from cellular to ecosystems. Lecture and lab. *Lab fee \$40. Spring.*

**BIO 2510                      BIOLOGY LABORATORY TEACHING ASSISTANT                      1 cr**

The student will assist the laboratory instructor with lab preparation and clean-up, will assist students in the laboratory, and may be asked to maintain a journal or complete some other form of reflective

writing. May be taken more than once for credit. *Prerequisite: Student must have passed the course for which they will be a TA with a grade point of "B" or better and instructor's recommendation.*

**BIO 2810**                      **INTERNSHIP IN BIOLOGY**                      1-12 cr  
Signed contract required at time of registration.

**BIO 2910**                      **INDEPENDENT STUDY**                      1-3 cr  
The student must initiate the application with written proposal to the instructor with whom the student wishes to work. The number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 prior credits in BIO, CHE, GEO, or PHY.*

**BIO 3030**                      **AQUATIC BIOLOGY**                      4 cr  
A field-based course which introduces students to aquatic ecosystems. Students will analyze area lakes, ponds, rivers, and streams for geophysical, chemical and biological characteristics. They will interact with scientists who monitor Vermont waters and will conduct an independent study of a specific aquatic habitat. Lecture, lab and field studies. *Prerequisite: BIO 2140 or BIO 2310. Lab fee \$40. Fall, even years.*

**BIO 3060**                      **ECOLOGY**                      4 cr  
A study of the interrelationships between plants, animals, microorganisms and their abiotic environment. Problems in experimental design and ecological analysis will be explored. Some Saturday field trips are planned. Field trips to primitive areas are required. Lecture and lab. *Prerequisite: BIO 1141 and BIO 1142. Lab fee \$40. Fall, odd years.*

**BIO 3070**                      **GENETICS**                      3 cr  
An investigation of heredity with a focus on molecular and human genetics. Current research and controversy will be emphasized. *Prerequisite: BIO 1141, BIO 1142, CHE 1031 or consent of instructor. Spring.*

**BIO 3210**                      **DEVELOPMENTAL BIOLOGY**                      4 cr  
This course is an examination of the patterns of animal development, including the production of sex cells, fertilization, and the growth and maturation of the embryo. The relationship between development and the evolution of species will be considered. Students will explore embryological development in a variety of animals, including normal and abnormal human development. Lecture and lab. *Prerequisite: BIO 2310 or BIO 2011, BIO 2012 (BIO 2012 may be taken concurrently). Lab fee \$40. Spring, even years.*

**BIO 3240**                      **ADVANCED HUMAN PHYSIOLOGY**                      3 cr  
This course will examine selected aspects of human physiology in health and disease, including the activity of nerves and muscles, circulation, respiration, metabolism, and water and electrolyte balance. Intended for students who have completed the Human Anatomy and Physiology sequence and wish to explore these topics in more detail. *Prerequisite: BIO 2011, BIO 2012, and CHE 1031 or CHE 1020 or consent of instructor. Fall, even years.*

**BIO 3250**                      **ADVANCED HUMAN PHYSIOLOGY LABORATORY**                      1 cr  
An optional laboratory course to accompany BIO 3240. Students will conduct experiments in such areas as: nerve function, properties of blood, metabolism, and cardiovascular, respiratory

and renal physiology. *Prerequisite: Completion of, or concurrent enrollment in, BIO 3240. Lab fee \$40. Fall, even years.*

**BIO 3810**                      **INTERNSHIP IN BIOLOGY**                      1-12 cr  
Signed contract required at time of registration.

**BIO 4030**                      **EVOLUTION**                      3 cr  
An examination of evolutionary events, processes and the methods used for their study. Molecular and cellular evolution and the contemporary debate concerning evolutionary processes will be emphasized. *Prerequisite: BIO 1141 and BIO 1142 or consent of instructor. Fall, even years.*

**BIO 4150**                      **VERTEBRATE BIOLOGY**                      4 cr  
An investigation of the biology of the fishes, amphibians, reptiles, birds, and mammals. This course will emphasize the anatomy and physiology of living vertebrates - including humans - but will also consider the evolution, development, life history, and ecology of these animals. Lecture and lab. Lab fee \$40. *Prerequisites BIO 1141 42 and CHE 1031, BIO 2310 recommended. Spring, odd years.*

**BIO 4250**                      **ECOTOXICOLOGY**                      3 cr  
An investigation of the effects of pollutants in ecosystems. Student will explore how contaminants (e.g., pesticides, industrial discharges, toxic wastes, etc.) play a critical role in biotic and abiotic relationships and, ultimately, biodiversity. Students will confront toxicological problems by reviewing case studies and current research, as well as by examining the social, political, and ecological aspects of each issue. *Prerequisites: BIO 3060 (or equivalent) and CHE 2111. Spring.*

**BIO 4710**                      **SPECIAL TOPICS IN BIOLOGY**                      1-2 cr  
These are lecture or seminar courses on selected, advanced topics in various areas of biology. The topic for each course will be announced prior to the semester of offering, and the course may be taken more than once for credit. *Prerequisite: Will vary with topic. Periodically.*

**BIO 4810**                      **INTERNSHIP IN BIOLOGY**                      1-12 cr  
Signed contract required at time of registration.

**BIO 4910**                      **INDEPENDENT STUDY**                      1-3 cr  
The student must initiate the application with written proposal to the instructor with whom the student wishes to work. The number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 prior credits in BIO, CHE, GEY, or PHY.*



## Business Administration Courses

*Other relevant courses may be found under Accounting or Computer Information Systems.*

### BUS 1010 INTRODUCTION TO BUSINESS 3 cr

An introduction to the characteristics, organization, and operation of business, including organization and management, production planning and control, marketing, finance, day-to-day operations in the areas of accounting, personnel, research and development, and management information systems. *Periodically.*

### BUS 1270 PRINCIPLES OF COMPUTER-BASED INFORMATION SYSTEMS 3 cr

An introduction to the devices and techniques used in the processing of data. This course includes hands-on use of word processing and spreadsheet programs and the internet. *Materials charge \$20. Every semester.*

### BUS 2020 PRINCIPLES OF MANAGEMENT 3 cr

This course is an introduction to the philosophy, principles, and techniques of management. Students will examine classical, modern, and emerging concepts as they relate to today's manager and the functional processes of planning, organizing, directing and controlling resources. Learning experiences may include case studies, team experiences and simulations. *Every semester.*

### BUS 2030 CASE STUDIES IN BUSINESS MANAGEMENT 3 cr

A continuation of BUS 2020 with further development of principles of management. The course objective is to apply management principles to case studies with the student assuming the role of a manager to solve management problems. *Prerequisite: BUS 2020. Not open to seniors. Spring*

### BUS 2130 INSURANCE AND RISK MANAGEMENT 3 cr

General coverage of various types of insurance including the topics: life, accident and health, automobile, fire, residence, and personal liability. Also including the concept of risk and the tools and techniques used by a risk manager. *Periodically.*

### BUS 2140 PERSONAL FINANCE 3 cr

A study of the tools used in personal financial planning. The student is introduced to the process used by professional planners and shown how this can be helpful in planning their own financial futures. *Periodically.*

### BUS 2230 PRINCIPLES OF MARKETING 3 cr

This course introduces the role of marketing as it relates to manufacturing, wholesale retail, and service businesses. Topics include product development, pricing decisions, promotional consideration, and distribution options of both goods and services. Student will also examine the emerging role of electronic marketing, and its impact on today's businesses. *Every semester.*

### BUS 2320 CREATIVE SELLING AND SALES MANAGEMENT 3 cr

A study of the personal selling process and an examination of sales managers and sales organization; recruiting, selecting, training, compensating, stimulating, controlling, evaluating salespersons; planning sales quotas and territories. *Prerequisite: BUS 2230. Spring*

### BUS 2370 PRACTICAL BUSINESS WRITING 3 cr

The student practices the writing skills required for a successful career in business. Special attention is given to writing letters, memoranda, reports, and resumes. *Prerequisite: ENG 1061 or consent of instructor. Materials charge \$20.*

**BUS 2460                      WORKSHEETS AS ANALYSIS TOOLS                      3 cr**

This course will focus on using the power of spreadsheets to assist in the analysis of cases in various areas of business. Excel's data management, menu-building, and macro capabilities will be explored. Good template design will be emphasized. The class will then build templates to analyze problems in areas of finance, accounting, marketing, and management. Therefore, it is suggested that students have some background in at least two of these areas. *Prerequisite: BUS 1270. Materials charge \$20. Periodically.*

**BUS 2810                      INTERNSHIP IN BUSINESS                      1-12 cr**

Open to Sophomores only. Signed contract required at time of registration.

**BUS 2910, 3900              INDEPENDENT STUDY                      1-3 cr**

Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

**BUS 3060                      CONSUMER BEHAVIOR                      3 cr**

This course examined the behavior of the consumer in the marketplace. Topics include individual and group buying behavior, motivation, personality, attitudes, lifestyles, and their effects on purchasing behavior. *Prerequisite: BUS 2230. Fall*

**BUS 3131                      BUSINESS LAW I                      3 cr**

An introductory course to provide a knowledge and awareness of the scope and terminology of the American legal system as it pertains to business organizations. Topics emphasized may include criminal law, tort law, forms of doing business, law of contracts, sales, real and personal property law, negotiable instruments, Uniform Commercial Code, and agency relationships.

**BUS 3132                      BUSINESS LAW II                      3 cr**

A continuation of Business Law I. Topics relating to business organizations not covered in Business Law I will be discussed. *Prerequisite: BUS 3131. Spring, odd years.*

**BUS 3141                      ENTREPRENEURSHIP I                      3 cr**

Essentials of starting and managing a small business, franchising, raising money, location analysis, setting up and understanding accounting records, alternate legal structures, attracting and keeping customers and employees, keeping within laws and regulations, and establishing buying policies. *Prerequisite: BUS 3230. Periodically.*

**BUS 3142                      ENTREPRENEURSHIP II                      3 cr**

Analyzing problems common to an ongoing small business: advertising and promotion strategy, cash flow analysis, expansion or contraction of product mix, ratio analysis, layout strategy, and inventory analysis and control. Students will provide management counseling to small local business firms in conjunction with the Small Business Administration. Open to Junior and Senior Business majors or consent of instructor. *Prerequisite: BUS 3141. Periodically.*

**BUS 3170                      RETAIL MANAGEMENT                      3 cr**

This course provides the basis for understanding the exciting world of retail management. Topics include retail strategy, store location, buying merchandise, assortment planning, inventory management, retail selling, customer service and store layout. Emphasis is placed on the application of theory to real world management problems. *Prerequisite: Completion of, or concurrent enrollment in, BUS 3230. Periodically.*

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**BUS 3210                      ADVERTISING    3 cr**

A comprehensive look at the promotional process including media analysis and selection, dealing with the creative functions and production processes, measuring promotional effectiveness, and developing a comprehensive advertising strategy. Central to the course is the development of an advertising plan and campaign. *Prerequisite: BUS 2230. Spring.*

**BUS 3230                      FINANCIAL MANAGEMENT    3 cr**

This course covers the principles of how business enterprises refinance; general methods and basic tools of financial management and control, utilization, disposition of funds. *Prerequisite: ACC 2102 and ACC 2102. Every semester.*

**BUS 3240                      INTERNATIONAL BUSINESS    3 cr**

The course perspective is that of the manager whose business is global and now must work with institutions, trade and exchange policies that reflect social systems of nation-states. The course will introduce the most important activities in international business. *Prerequisite: ECO 2040, ECO 2050. Periodically.*

**BUS 3245                      INTERNATIONAL MARKETING    3 cr**

This course will introduce the students to the opportunities and barriers that come into play for firms that develop global marketing strategies. Students will read and discuss how firms of all sizes may adapt their marketing practices to account for global consumer preferences, trade practices, and government policies in a post 9/11 world of terrorism worries, and vague and shifting alliances. We will learn about the various cultures of the world, while we explore how they impact business and life in general. Many actual cases of successful, and unsuccessful, global marketing efforts will be considered. *Prerequisite: BUS 2230. Periodically.*

**BUS 3250                      ORGANIZATIONAL DEVELOPMENT AND BEHAVIOR    3 cr**

Field and organization of personnel function; selecting and training employees; wages and wage administration; problems of morale; human relations in supervision. *Prerequisite: BUS 2020 or consent of instructor. Fall.*

**BUS 3260                      INVESTMENTS AND PORTFOLIO MANAGEMENT    3 cr**

A study of investments in stocks, bonds, governments, warrants, options, futures and collectibles. An objective of the course is to provide hands-on investing experience through student portfolio management. *Prerequisite: ACC 2101 & BUS 3230. Periodically.*

**BUS 3270                      FUNDAMENTALS OF DIRECT AND INTERNET MARKETING    3 cr**

This course is an in-depth examination of the principles, concepts, strategies and applications of the Internet and direct marketing including web based, mail order, and direct response advertising. Measurability, creative strategy, lists, databases and the integration of direct marketing programs into the total marketing efforts and organizational goals will be discussed. *Prerequisite: BUS 2230. Fall.*

**BUS 3272                      APPLIED DIRECT AND INTERNET MARKETING    3 cr**

Students will have the opportunity to apply direct marketing and Internet concepts through real world marketing projects. Marketing research, target market selection, marketing strategy development, creative execution, budgeting and return-on-investment analysis will be performed. *Prerequisite: BUS 3271. Spring.*

**BUS 3290                    SPORTS MARKETING                    3 cr**

The course examines the marketing of sports activities, organizations, and paraphernalia. Topics covered include careers in sports marketing, product concepts, promotion, broadcast rights, and sponsorship programs. This course is recommended for anyone interested in pursuing a career in marketing, sports information or sports administration. *Prerequisite: BUS 2230. Periodically.*

**BUS 3320                    APPLIED PRINCIPLES OF FINANCE                    3 cr**

Financial principles introduced in BUS 3320 are applied to business problems and situations. Use of decision-making as it applies to structuring the organization, working capital analysis, financial analysis, capital acquisition and other appropriate topics. Case method is used wherein student is the financial manager. *Prerequisite: BUS 3230. Periodically.*

**BUS 3810                    INTERNSHIP                    1-12 cr**

Open to Juniors only. Signed contract required at time of registration.

**BUS 3900                    INDEPENDENT STUDY                    1-3 cr**

Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

**BUS 3910                    INDEPENDENT FOREIGN STUDY**

Registration by permission of department chair only. Signed contract required at time of registration. *Credits to be arranged.*

**BUS 4030                    MARKETING RESEARCH                    3 cr**

An overview of the process of assembling information to make better marketing decisions. Topics include measurement principles, research designs, sampling techniques, data collection and analysis. *Prerequisite: BUS 2230 and MAT 2022. Fall.*

**BUS 4040                    MARKETING STRATEGIES                    3 cr**

Using case studies and problem analysis, this capstone course integrates marketing studies into a comprehensive strategic framework that examines the development and effects of marketing management decisions, within a rapidly changing business environment. *Prerequisite: BUS 3210, BUS 4030. Spring.*

**BUS 4080                    BUSINESS STRATEGY AND POLICY DEVELOPMENT                    3 cr**

This course focuses on both the analysis of an organization's internal and external environments and on the development of appropriate corporate, business, and functional level strategies. The case study method is used extensively, with emphasis placed on policy formulation, strategic implementation, and control. Both for-profit and not-for-profit organizations are included. *Prerequisite: Senior standing and approval of the department. Every Semester.*

**BUS 4110                    OPERATIONS MANAGEMENT                    3 cr**

Introduction to concepts and fundamental understanding of production management. Study of specific problems; decision-making process dealing with production planning and control in a manufacturing business firm. Individuals participating in the 4-Plus-1, MBA program with Clarkson University must take this course. *Prerequisite: MAT 2021, MAT 2022. Fall.*

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**BUS 4130**                      **QUANTITATIVE BUSINESS DECISIONS**                      3 cr  
Mathematical business decision-making techniques and methods of problem analysis of decision made under uncertainty. *Prerequisite: MAT 2021, MAT 2022. Spring.*

**BUS 4210**                      **MANAGEMENT OF THE INFORMATION  
SYSTEMS ENVIRONMENT**                      3 cr  
A senior level course that will emphasize the management process associated with a computer-based management information system environment. Study will be made on the staffing requirements, budgeting process, design and layout of processing facilities, environmental control, hardware and software specifications and selections, and management controls. *Prerequisite: BUS 1270, CIS 2160, CIS 4120. Materials charge \$20. Spring.*

**BUS 4220**                      **NETWORKING**                      3 cr  
This course will be an intensive hands-on network administration course using Windows Operating Systems, Novell Operating Systems and Linux. *Materials charge \$20. Prerequisite: permission of instructor. Spring.*

**BUS 4230**                      **ELECTRONIC COMMERCE STRATEGY**                      3 cr  
This capstone course will draw on previous course work. The course will include discussion of strategic issues of how the Internet fits into the larger marketing plan of the business. Also considered are analytical techniques for assessing the effectiveness of web sites and monitoring their usage. Students will create an e-commerce site using industry standard e-commerce software and monitor the site traffic. *Prerequisite: CIS 4110. Materials charge \$20. Fall.*

**BUS 4530**                      **TECHNICAL PROJECT MANAGEMENT**                      3 cr  
Designed for the project manager who interacts with all levels of management while satisfying the customers' needs, this course covers planning, scheduling and controlling projects. Emphasis will be placed on issues like leadership, motivation, team-building, and conflict resolution. CPM and PERT will be covered in detail. Real case studies will be used to illustrate theories and concepts covered in the lectures. *Fall.*

**BUS 4810**                      **INTERNSHIP IN BUSINESS**                      1-12 cr  
Open to seniors only. Signed contract required at time of registration.

**BUS 4820**                      **PRACTICUM IN BUSINESS**                      1-3 cr  
Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

**BUS 4910**                      **INDEPENDENT STUDY**                      1-3 cr  
Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

## Chemistry Courses

*Other relevant courses may be found under Biology, Physics, Geology or Natural Science.*

### CHE 1020                    INTRODUCTORY CHEMISTRY                    4 cr

A survey of inorganic, organic, biochemistry, nuclear and environmental chemistry is presented in a one semester chemistry course. This course does not fulfill the chemistry requirements for majors in Natural Science (except BA.NAS), Physical Education or Psychology (Honors). This course can substitute for CHE 1031 by passing a qualifying exam. *Lecture and lab. Lab fee \$40. Periodically.*

### CHE 1031                    GENERAL CHEMISTRY I                    4 cr

Fundamental principles of chemistry. Topics include modern atomic theory and structure of atoms, chemical bonds, stoichiometry, gas laws, thermochemistry and molecular geometry. Lecture and lab. *Prerequisite: MAT 1020 or MAT 1221 or MAT 1320, or two years of HS Algebra or equivalent. Lab fee \$40. Fall.*

### CHE 1032                    GENERAL CHEMISTRY II                    4 cr

Continuation of CHE 1031. Topics include solution properties, kinetics, equilibrium, reaction mechanisms, thermodynamics, equilibrium, oxidation-reduction reactions and acid-base chemistry. Lecture and lab. *Prerequisite: CHE 1031. Lab fee \$40. Spring.*

### CHE 1311                    CHEMISTRY IN THE CLASSROOM                    3 cr

This course is designed for pre-service elementary educators. We will cover chemical concepts and skills in the context of Vermont's Framework of Standards and Grade-Level Expectations for science. Topics will include states of matter, physical and chemical properties, atoms and molecules, the periodic table, chemical equations, solutions, acids and bases, the properties of water, the gas laws, and equilibrium. The goal of the course is to provide needed content in an accessible format, with lots of hands-on applications. *Fall, even years.*

### CHE 1312                    CHEMISTRY IN THE CLASSROOM ACTIVITIES                    1 cr

This optional one-credit course is open only to students enrolled in CHE 1311 (Chemistry in the Classroom). We will use this weekly meeting to develop in-class activities to illustrate individual concepts in chemistry. Students will demonstrate their understanding of particular chemical concepts as well as develop materials for future use in the elementary classroom. *Prerequisite: Concurrent enrollment in Chemistry in the Classroom, Fall, even years.*

### CHE 2111                    ORGANIC CHEMISTRY I                    4 cr

An introduction to the chemistry of organic compounds. Emphasis is on organic functional groups and their chemical properties, nomenclature and molecular structure. The laboratory introduces students to basic organic laboratory techniques using a discovery approach. Computers will be integrated into the lab environment and computational chemistry will be applied to problems in organic chemistry. Lecture (2 hrs.) and lab (6 hrs). *Prerequisite: Passed CHE 1032 with a grade of "C" or better. Lab fee \$40. Fall*

### CHE 2112                    ORGANIC CHEMISTRY II                    4 cr

A extension of CHE 2111. Continued study of organic functional groups and their chemical properties and molecular structures. Emphasis is on reaction mechanisms and spectroscopic methods of analysis of organic molecules. Advanced organic laboratory uses both macroscale and microscale

techniques. Computers will be integrated into the lab environment and computational chemistry will be applied to problems in organic chemistry. Lecture (2 hrs) and lab (6 hrs). *Prerequisite: CHE 2011. Lab fee \$40. Spring*

**CHE 2510                      CHEMISTRY LABORATORY TEACHING ASSISTANT                      1-2 cr**

The student will assist the laboratory instructor with lab preparation and clean-up, will assist students in the laboratory, and may be asked to maintain a journal or complete some other form of reflective writing. May be taken more than once for credit, but no more than two credits may be applied toward the Chemistry minor. *Prerequisite: Student must have passed the course for which they will be a TA with a grade of "B" or better and instructor's recommendation.*

**CHE 2810, CHE 3810, CHE 4810                      INTERNSHIP IN CHEMISTRY                      1-12 cr**

Signed contract required at time of registration.

**CHE 2910                      INDEPENDENT STUDY                      1-3 cr**

The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. The number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 credits in BIO, CHE, GEY, or PHY.*

**CHE 3010                      BIOCHEMISTRY                      3 cr**

A study of the chemistry of biological transformations in the cell, including chemical reactions and metabolism of carbohydrates, fats, proteins, and nucleic acids. Introduction to the structure and function of enzymes, membranes, hormones, and vitamins. Lecture. Lab fee \$40. *Prerequisite: CHE 2111. CHE 2112 is strongly recommended. Fall, even years.*

**CHE 3011                      BIOCHEMISTRY LABORATORY                      1 cr**

A laboratory course in biochemistry designed to accompany the Biochemistry lecture course (CHE 3010). Experiments will include the study of amino acids, protein purification, enzyme kinetics, chromatography, and biomolecular modeling. *Lab. Lab fee \$40. Prerequisite: CHE 2111 and simultaneous registration in CHE 3010. Fall, even years.*

**CHE 3020                      ANALYTICAL CHEMISTRY                      4 cr**

A survey of analytical chemical techniques including traditional gravimetric and titrimetric methods as well as modern spectroscopic and chromatographic methods of chemical analysis. Lecture and lab. *Prerequisite: CHE 1031 or consent of instructor. Lab fee \$40. Fall, odd years.*

**CHE 3030                      GEOCHEMISTRY                      3 cr**

This course is designed to show the application of chemical principles to the study of geology. Topics covered include aqueous geochemistry, activity-concentration relations, carbonate equilibria, pH- $fO_2$  diagrams, isotope systems, and the application of geochemistry to solving environmental problems. *Prerequisites: CHE 1031, CHE 1032, and GEY 1030. Spring, even years.*

**CHE 4710                      SPECIAL TOPICS IN CHEMISTRY                      1-2 cr**

These are lecture, seminar or lab courses on selected, advanced topics in chemistry. The topic for each course will be announced prior to the semester of offering. The course may be taken more than once for credit. *Prerequisite: Will vary with topic. Periodically.*

CHE 4910                      INDEPENDENT STUDY                      1-3 cr  
The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. The number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 credits in BIO, CHE, GEY, or PHY.*

## Computer Information Systems Courses

*Other relevant courses may be found under Business Administration.*

CIS 2011                      VISUAL BASIC PROGRAMMING                      3 cr  
The 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. *Materials charge \$20. Fall.*

CIS 2031                      C/C++ PROGRAMMING I                      3 cr  
This course introduces students to the concepts of programming with abstract data types and object-oriented programming. It uses C++ to cover classes, inheritance, and polymorphism. The course also builds on the prerequisites to provide students with more advanced exposure to software design, implementation, debugging, and documentation. *Materials charge \$20. Fall.*

CIS 2032                      C/C++ PROGRAMMING II                      3 cr  
Topics to be covered include inheritance, object manipulation, windows programming, foundation classes, designing the visual interface and connecting to databases. *Prerequisite: CIS 2031. Materials charge \$20. Spring.*

CIS 2161                      COBOL I                      3 cr  
Real problems from the business world are studied and are solved by using the college computers and the COBOL language. *Materials charge \$20. Periodically.*

CIS 2162                      COBOL II                      3 cr  
This course examines advanced concepts of the COBOL language. Included in the course are programming assignments covering the concepts of table searching, reports writer features, the sort and merge commands, sequential and indexed file processing. *Prerequisite: CIS 2161. Materials charge \$20. Periodically.*

CIS 2271                      JAVA PROGRAMMING                      3 cr  
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. *Prerequisite: CIS 2041. Materials charge \$20. Fall.*

CIS 3022                      ADVANCED VISUAL BASIC                      3 cr  
The course is a continuation of CIS 2011 with an emphasis on advanced programming concepts to include arrays, functions, modules, file maintenance, security, graphics and databases. *Prerequisite: CIS 2011. Materials charge \$20. Spring.*



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CIS 3040                      DATABASES                      3 cr

An in-depth study of the Theory of Data Base Technology. Topics include: Data Models, Data Independence, Network, Hierarchal and Relational Models. Students will be required to create, modify, and maintain a Relational Data Base. *Prerequisites: BUS 1270 or Introductory Computer skills course. Materials charge \$20. Fall.*

CIS 3045                      ADVANCED DATABASE CONCEPTS                      3 cr

The course will cover encoding/decoding, startup options, user level security, system-level security, replication, code based security options and other techniques to protect valuable data. *Prerequisite: CIS 3040. Spring.*

CIS 3130                      DESKTOP PUBLISHING                      3 cr

Aimed at the non-graphic artist, this course is an introduction to the creation of printed materials using desktop publishing techniques. Topics include use of paper, color, type, illustrations, photos, and the basic principles of good design to create printed materials. Also covered are print buying and printing cost factors. Students will achieve an introductory knowledge of a popular page layout software. *Prerequisite: BUS 1270 or an introductory computer skills course. Materials charge \$20. Periodically.*

CIS 3150                      WEB DESIGN I                      3 cr

This first course in web design covers the principles of web page design, navigation, content creation, graphics, and creating sites that meet the needs of the organization. The course will introduce the use of page layout tools, templates, the basics of scripting languages, database integration, and image manipulation. Students will gain an understanding of good web design principles. *Prerequisite: BUS 1270 and BUS 2230 (or concurrent enrollment). Materials charge \$20.*

CIS 3160                      FUNDAMENTALS OF WEB GRAPHICS                      3 cr

The course covers the creation, modification, and conversion of images into web-usable forms. It will focus on the use of Photoshop software to create, prepare, and edit images. Also covered will be scanning, animations, web effects, and optimization techniques to improve web appearance and performance. *If a student is taking or has completed ART 3130, Web Graphics, they should not register for this course, as the material is similar. Prerequisite: CIS 3150 or permission of instructor. Materials charge \$20. Spring.*

CIS 3272                      ADVANCED JAVA                      3 cr

Topics include memory management, advanced object oriented concepts, data structures advanced swing user interface features, error handling, networking, advanced input and output. *Prerequisites: CIS 2271. Materials charge \$20. Periodically.*

CIS 4010                      WEB TECHNOLOGY                      3 cr

This course is an introduction to web technology. Students will be exposed to the technical aspects of Internet-based commerce. Topics will include design and promotion of a web site, security, payment systems, and creation of a web site. *Prerequisite: permission of instructor. Materials charge \$20. Periodically.*

CIS 4110                      HTML, DHTML, AND JAVA PROGRAMMING                      3 cr

This course will focus on HTML, DHTML, and JAVA scripting as a tool for web page creation. The students enrolled in the course will create advanced web pages using these tools and others as a demonstration of their grasp of the programming component of the concentration. *Prerequisite: CIS 2011. Materials charge \$20. Spring*

**CIS 4120                      SYSTEMS ANALYSIS AND DESIGN                      3 cr**

The course addresses the methodology used in gathering data, analyzing data, and determining user requirements for information processing using advanced systems analysis techniques and the associated techniques used in designing solutions that then can be programmed as application software for use on computer-based systems. *Prerequisite: Junior or senior standing and permission of the instructor. Materials charge \$20. Fall*

**CIS 4040                      COMPUTER SECURITY                      3 cr**

This course focuses on security issues associated with computers and computer networks. Specific security issues involved in running industry standard systems (Windows and Unix) are discussed. Topics also include user security policies, and the political, legal, and ethical issues associated with computer security. *Prerequisite: CIS 3040. Fall*

## **Communications Courses**

**COM 1040                      MEDIA WRITING                      3 cr**

This is a basic course covering writing in a variety of media including print and broadcast journalism, advertising, instructional television, public relations and broadcast continuity. *Prerequisite: ENG 1061. Every Semester.*

**COM 1050                      INTRODUCTION TO POPULAR CULTURE                      3 cr**

This inter-disciplinary theory course explores the ways in which media and the entertainment industries have made consumerism the focal point of American culture and society. Focusing primarily on the marketing and consumption of clothing, food, toys and religion, we will examine how the commercialization and privatization of popular culture have forced us to revise how we think of ourselves as individuals and as a nation. *Fall.*

**COM 1211                      VIDEO WORKSHOP I                      3 cr**

This is a "hands-on" introduction to video production. Through class and workshops students will learn to develop, organize, produce and edit video programs in a variety of genres. In the process they will become familiar with cameras, lighting, audio and other video production equipment and techniques, and will have the opportunity to appear on camera if they wish. *Lab fee \$20. Every Semester.*

**COM 1220                      INTRODUCTION TO COMMUNICATION                      3 cr**

Mass Media has become the primary force in shaping our historical, political and social reality. The course introduces students to the study of the mass communication process and media literacy practices. Students will explore theoretical approaches to mass communication in the contexts and concerns of society, government and commerce. Historical development, functions and technological developments and subsequent cultural, political and economic implications will be examined. *Every Semester.*

**COM 1230                      INTRODUCTION TO COMPUTING IN THE  
ARTS AND HUMANITIES (also listed as ART 1230)                      3 cr**

This course will provide a systematic introduction to the use of computing in the arts and humanities including file management, word processing, electronic mail, the use of the world wide web for research and publication, image editing and page layout. This course fulfills the general education computer proficiency requirement. *Lab fee \$15. Every Semester.*

COM 2050 INTRODUCTION TO FILM STUDIES (also listed as THA 2050) 3 cr  
An introduction to the form and language of film. The course focus will be on developing a critical understanding of the film medium through viewing, discussing and writing about feature and short films. One four-hour period weekly. *Screening fee \$15. Every Semester.*

COM 2110 PHOTOJOURNALISM 3 cr  
Students learn about cameras, how to take pictures, process film and make prints. They discuss professional photographers and write about photography. Students must provide their own 35mm cameras. Each student must be able to afford film and paper costs. This class is open to beginning level photographers only. Students who have previously taken any other college photography classes can be admitted only with permission of this instructor. *Lab fee \$115. Printing paper, darkroom chemicals and film included in this fee. Fall.*

COM 2120 SCRIPT WORKSHOP I (also listed as THA 2120) 3 cr  
This course is designed to allow students to explore a wide range of script styles and formats, including the stage play, film script, radio play, and television script. The focus will be on understanding the process of script development through reading and analyzing published scripts, and by writing original short scripts. *Fall.*

COM 2130 EXPERIMENTAL VIDEO (also listed as ART 2130) 3 cr  
Students explore video as an artistic medium through group projects, production and critique of individual projects, and viewing and analysis of the work of current video artists. Emphasis is on developing methods to present artistic concepts coherently. Students are encouraged to experiment with modes of narrative, camera and editing techniques and forms of presentation. *Lab Fee \$10. Periodically, Fall 2006.*

COM 2140 RACE AND GENDER IN MASS MEDIA 3 cr  
Though women and minorities have been on the fringes of policy development, these marginal groups have given us some of the most provocative and interesting cultural forms. This course takes a critical look at mass media forms that have gained popularity in modern culture, especially among women and minorities. *Prerequisite: COM 1220 or consent of instructor. Spring.*

COM 2150 PUBLIC RELATIONS 3 cr  
This course presents a functionalist examination of past and present public relations practices and associated controversies. Students will be required to analyze and produce public relations programs using a variety of media skills. This course will frequently include a service-learning component. Recommended for students with sophomore or junior standing. *Prerequisite: ENG 1061. Every semester.*

COM 2160 INTERNATIONAL COMMUNICATION 3 cr  
This course will provide a critical framework for understanding the social, political and ethical dimensions of the flow of information between nations. Central to the study will be an analysis of inter-governmental actors such as the UNESCO and the WTO in governing transborder data flows. Emphasis will be placed on examining language as an ideological tool, cultural imperialism, news imbalance, modernization and dependency, and globalization. *Fall.*

COM 2170 RADIO PROGRAMMING AND PRODUCTION 3 cr  
An introductory investigation of various problems and skills encountered in radio. Subjects include radio formats, programming decisions, broadcast regulation, announcing, "spot" production, remote broadcasts, and sound mixing. Students will work with the WIUV-FM facility.

Music majors will work on semester projects involving microphone placement, sound mixing, and multi-track recording techniques. *Periodically.*

COM 2210                      BROADCAST PERFORMANCE                      3 cr  
Instruction, practice and critique of television and radio performance in a wide array of nonfiction genres such as news, talk, variety, documentary and commercial programming. *Fall, odd years.*

COM 2212                      VIDEO WORKSHOP II: NEWS AND FEATURE PRODUCTION                      3 cr  
Students produce news and feature segments of a cablecast video magazine. Different students will emphasize different areas of interest including on-camera performance, producing, camerawork, graphics and editing. *Prerequisite: COM 1211. Lab fee \$20. Periodically.*

COM 2220                      WEB CONTENT AND SITE DEVELOPMENT                      3 cr  
In this course students will first learn the fundamentals of using the world wide web as a consumer, and then progress to the development of their own pages using a variety of hardware and software tools. We will also cover site development including file formats, service providers and connection speeds. *Prerequisite: BUS 1270, ART 1230 or COM 1230 or consent of instructor. Lab fee \$15. Fall.*

COM 2221                      COMPUTER GRAPHICS I (also listed as ART 2221)                      3 cr  
Experimentations and exploration of computer graphics design application with emphasis on individually designed projects. Particular emphasis placed on design principles and composition. A good background in mathematics is strongly recommended, as well as creative and versatile imagination. A materials fee may be required. *Prerequisite: A studio fee may be required. Prerequisite: ART/COM 1230, BUS 1270 or consent of instructor. Every semester.*

COM 2222                      COMPUTER GRAPHICS II (also listed as ART 2222)                      3 cr  
Focused exploration of computer graphics applications with individually identified projects. Emphasis on practicality of projects. *Prerequisite: COM 2221. A materials fee may be required. Periodically.*

COM 2230                      NEWS GATHERING AND WRITING                      3 cr  
The student learns the various techniques of news gathering, including library research, interviewing, simulated news conferences and covering speeches, then applies these techniques and skills while learning the mechanics of news writing. *Prerequisite: COM 1040 or consent of the instructor. Every semester.*

COM 2240                      VIDEO MAGAZINE WORKSHOP                      3 cr  
Intensive practice in news feature production emphasizing field production and editing. Limited enrollment. *Prerequisite: COM 2212. Lab fee \$20. Every semester.*

COM 2250                      HISTORY OF MASS MEDIA                      3 cr  
This course surveys the interaction of American media with military, political, and economic institutions and how that relationship has been an integral part of those institutional practices over the past two centuries. *Fall.*

COM 2260                      MASS MEDIA AND SOCIETY                      3 cr  
An analysis of the functions and effects of electronic and print media in contemporary life. Areas of exploration will include an introduction to evolving theoretical approaches such as cultural

studies, uses and gratifications, feminist studies, technological determinism, cultivation analysis and the political economic analysis of the media. *Prerequisite: COM 1220 or permission of instructor. Every semester.*

**COM 2270                      NEWSPAPER EDITING                      3 cr**

The student receives instruction in news evaluation, style rules, copy editing, headline writing, photo editing, and layout and design, with particular emphasis on front page makeup. *Prerequisite: COM 1040, COM 2230, or consent of instructor. Spring.*

**COM 2820                      PRACTICUM IN COMMUNICATION                      1-3 cr**

Under faculty supervision, practicum students fill communication positions in college organizations (e.g. the student newspaper and radio station). *Prerequisite: Permission of instructor. Signed contract required at time of registration.*

**COM 3010                      NEWS MEDIA ETHICS & LAW                      3 cr**

The student examines the basic ethical issues that are encountered by media including invasion of privacy, conflict of interest, misrepresentation and libel, and looks at the laws that have evolved concerning these sensitive and controversial areas. Students work alone and in groups, discussing ethical dilemmas and looking at alternative solutions for these dilemmas. They will talk to working journalists and lawyers, as well, to get an in-depth understanding of the laws and ethics that affect the work of media professionals. *Prerequisite: COM 1220. Fall.*

**COM 3020                      DOCUMENTARY WORKSHOP                      3 cr**

Study of the problems of documentary writing and production for public broadcasting. Students write, produce, direct, and videotape short documentary scripts. *Prerequisite: COM 2212. Alternate years. Fall, even years.*

**COM 3050                      MEDIA AND POLITICS                      3 cr**

The course examines the relationship between the news media and politicians and political/ government institutions and how the latter attempts to influence and use the former, with particular emphasis on the adversarial relationship between the press and the presidency since 1960. *Prerequisite: COM 1220 or consent of instructor. Fall, even years.*

**COM 3060                      FEATURE WRITING                      3 cr**

Students will research and write in-depth magazine and news features. They will master writing query letters, with the goal of publishing their feature stories in regional and national markets. *Prerequisite: COM 1040, COM 2230 or consent of instructor. Fall.*

**COM 3120                      MULTIMEDIA                      3 cr**

Through theory and practice, students will learn to use a variety of media to provide instruction in a number of content areas. Media will range from video through world wide web delivery of multi-media. Students will produce instructional materials for use by the college and community from needs assessment and educational objectives through project planning and production to distribution and evaluation. *Prerequisite: COM 1211 Video Workshop I and, COM 2220 Web Content and Site Development or consent of instructor. Spring, odd years.*

**COM 3130                      INTERNATIONAL CINEMA (also listed as THA 3135)                      3 cr**

An examination of films produced outside of the United States. Primary focus will be on European, Australian, Asian, Latin American and African cinema. Attention will be paid to historical and contemporary works from both mainstream and independent directors. One four-hour period weekly. *Prerequisite: COM 2050/THA 2050, or consent of instructor. Screening fee: \$15. Fall, odd years.*

**COM 3375                    CONTINUING STUDY IN NEW MEDIA                    1 cr**

This course is a continuing consideration of new media technologies, applications and effects for students who have a background via earlier communication courses. The course will be offered on the Internet, using web and listserver technologies. The listserve will be open to students in the course, alumni and selected professionals in new media. May be taken three times for credit.

*Prerequisite: COM 2220, COM 3120, or COM 4010.*

**COM 3730                    SPECIAL TOPICS IN FILM (also listed as THA 3730)                    3 cr**

In-depth exploration of a variety of topics in film studies, such as genre or director studies, national and international cinema, women in film, and film and society. Exact course descriptions will be provided prior to registration for the spring semester. Class meets for one 3 hour session per week.

*Prerequisite: COM 2050/THA 2050 or consent of instructor. \$15 lab fee required. Spring.*

**COM 3750                    SPECIAL TOPICS IN PUBLIC RELATIONS                    3 cr**

The focus will be on the application of public relations for organizations that concentrate on specific areas such as health promotion, intercultural awareness and social justice. Students will become familiar with constituent, community, governmental and media relations, grant writing, and appropriate communication skill applications. *Prerequisite: COM 2150. Spring, odd years.*

**COM 3760                    SPECIAL TOPICS IN MASS MEDIA                    3 cr**

In-depth exploration of a variety of national and international topics in mass media, such as how Hollywood and the media responded to the Vietnam War. Exact course descriptions will be provided prior to each registration. As topics change, this course may be repeated for credit.

*Prerequisite: COM 1220, COM 2260. Fall.*

**COM 3770                    SPECIAL TOPICS IN POPULAR CULTURE                    3 cr**

In-depth application of cultural, linguistic and political-economic theory to a specific aspect of popular culture, that is, the everyday practices of people as consumers of goods, information and entertainment. Topics to be offered could be: the role of culinary codes of taste cultures in defining and communicating "America," the role of dress and accessories in demarcating gender, ethnic and sexual identities or the role of consumption in constructing national or parochial affiliations.

*Prerequisite: COM 1050 or permission of instructor. Spring, even years.*

**COM 3780                    SPECIAL TOPICS IN JOURNALISM                    3 cr**

In-depth study of a particular variety of journalistic endeavor. Possible subjects include sports, public affairs, arts coverage and commentary. May be taken three times for course and program credit. *Prerequisite: COM 2230. Spring.*

**COM 3810                    INTERNSHIP IN COMMUNICATION                    1-12 cr**

The student takes on a position of responsibility in a professional environment under the direction of an on-site supervisor and a faculty member. Experiences are available in newspapers, magazines, large and small radio and television stations, corporate facilities and other areas. (Castleton has specific programs with Vermont ETV and W18AE, Killington.) All students enrolled meet periodically to discuss experiences. (Students may take up to 15 credits in COM 3810 and 4810 combined.) *Prerequisite: Consent of instructor. Signed contract required at time of registration.*

**COM 4010                    THE FUTURE OF COMMUNICATION                    3 cr**

This course will consider the explosive growth in new technologies used in various communication processes which together form the so-called "information revolution". Its intent is to provide students, as both potential consumers and leaders in the field, with information and skills they might need to

consider the communication media of the future. It is not an overly technical or theoretical course, despite the name; however students will learn certain technical concepts in order to understand the possible uses, advantages and disadvantages of new technologies and their likely impacts on individuals, organizations and society. While most of the course material will be considered in traditional classes, there will be a course listserv (electronic mailing list) on which students will write about various topics related to the course and a course web site that will include links to many of the assignments. *Prerequisite: General education computing intensive course. Fall, odd years.*

COM 4020                      SCREEN DRAMA WORKSHOP                      3 cr

Study of drama for television with emphasis on blocking for the medium, television scene design, lighting, and special effects. Students produce, direct and videotape dramatic scripts. *Prerequisite: COM 2212. Spring,*

COM 4030                      SCRIPT WORKSHOP II (also listed as THA 4040)                      3 cr

Students write and critique original scripts for stage, radio and screen. Material from this course may be used for student productions. *Prerequisite: COM 2120 or consent of instructor. Spring.*

COM 4720                      SEMINAR IN COMMUNICATION                      3 cr

Subjects announced at preregistration. May be taken more than once for credit. *Prerequisite: COM 1220 or consent of instructor. Spring.*

COM 4810                      INTERNSHIP IN COMMUNICATION                      1-12 cr

See COM 3810 for description. *Prerequisite: Permission of instructor. Signed contract required at time of registration.*

COM 4820                      PRACTICUM IN COMMUNICATION                      1-3 cr

Under faculty supervision, practicum students fill communication positions in college organizations (e.g. the student newspaper and radio station). *Prerequisite: Permission of instructor. Signed contract required at time of registration.*

COM 4850                      SENIOR PROJECT IN COMMUNICATION                      3 cr

The student produces an independent project in his or her field under close supervision of a faculty advisor. Such projects may be in coordination with the college radio station, newspaper or local television facilities, but may not consist of an established position within these organizations. All students enrolled meet weekly to discuss projects. *Prerequisite: Permission of instructor and senior standing.*

Communication cross listing:

SOC 3140 SOCIOLOGY OF POPULAR MUSIC

## **Criminal Justice Courses**

*Other relevant courses may be found under Psychology, Social Work, and Sociology.*

CRJ 1010                      INTRODUCTION TO CRIMINAL JUSTICE                      3 cr

An overview of the American criminal justice system, tracing its history and development and assessing its strengths and weaknesses. Roles of the agencies that comprise the criminal justice system (representing law enforcement, courts, and corrections) are examined. Every semester.

CRJ 2010                      LAW ENFORCEMENT IN AMERICA                      3 cr

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 & 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. *Prerequisite: CRJ 1010 passed with a grade of "C" or better. Every semester.*

**CRJ 2020**                      **AMERICAN JUDICIAL PROCESS**                      3 cr  
A course designed to provide students with an overview of the American judicial process; examining its history, structure, and operation. 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. *Prerequisite: CRJ 1010 passed with a grade of "C" or better. Every semester.*

**CRJ 2080**                      **CORRECTIONAL PHILOSOPHIES AND PRACTICES**                      3 cr  
An interdisciplinary study of the historical and contemporary philosophies and practices of sentencing, punishment, and rehabilitation in American corrections. The course will be a comprehensive examination of all facets of institutional and community-based corrections, including facilities, probation, intermediate sanctions, and parole, as well as special and controversial issues in the field. Field study will be an essential component of this course and may include field trips, interviews and other research, guest speakers, and/or community service. *Prerequisite: CRJ 1010 passed with a grade of "C" or better. Every semester.*

**CRJ 2110**                      **COMMUNITY-BASED CORRECTIONS**                      3 cr  
An in-depth examination of contemporary, community-based correctional programs; exploring the evolution and development of such programs and considering how they compare with traditional forms of correctional intervention. Among the topics examined are: 'house arrest', half-way houses, diversion, probation & parole, and community service programs aimed at juvenile offenders, female offenders, and offenders with substance abuse problems. *Prerequisite: CRJ 1010. Every third spring, starting spring 2008.*

**CRJ 2210**                      **THE DEATH PENALTY**                      3 cr  
An in-depth examination of the historical and contemporary use of capital punishment in American society. The course explores arguments surrounding the death penalty, death row, the historical and modern execution process, constitutional issues, alternatives to capital punishment, and related topics. *Prerequisite: CRJ 1010 or consent of instructor. Fall, even years.*

**CRJ 2510**                      **CRIMINAL LAW**                      3 cr  
An examination of the evolution and development of substantive criminal law. 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. *Prerequisite: CRJ 2020 or consent of instructor. Fall.*

**CRJ 2810**                      **FIELD EXPERIENCE**                      3 cr  
Supervised observations of criminal justice agencies. The student will become familiar with the criminal justice system through a sequence of monitored, short-term field observations. Regular class meetings and written reports required. *Prerequisite: CRJ 1010 and Sophomore standing.*

**CRJ 2910**                      **INDEPENDENT STUDY**                      3 cr  
Directed individual study of criminal justice topics. *Prerequisite: Criminal Justice faculty approval is required before registration. Signed contract required at time of registration.*



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**CRJ 3010                      CRIME VICTIMS                      3 cr**

An interdisciplinary study of criminal victimization and prevention. The course examines patterns of crime, offending, and victimization and how to use such information to prevent violent and property crime, including rape, domestic violence, and hate crime. Other issues to be explored include victimization theories, prevention programs, treatment of victims, and victims' rights and remedies. *Prerequisite(s): CRJ 1010, SOC 1010, or consent of instructor. Fall. Odd years.*

**CRJ 3020                      CRIMINAL JUSTICE ADMINISTRATION                      4 cr**

An examination of organizational and management theory as it applies to criminal justice agencies. Among the topics examined are: the organizational environment, employee motivation, job design, communication in the workplace, leadership and the use of power, organizational socialization, and managing organizational change. *Prerequisite: CRJ 1010, CRJ 2010, CRJ 2020, CRJ 2080, and junior standing. Fall.*

**CRJ 3025                      CRIME SCENE INVESTIGATION                      3 cr**

This course provides an introduction to crime scene investigation. Topics covered include: the crime scene search; documenting the crime scene; types of evidence; techniques for recognizing, collecting, and preserving crime scene evidence; the crime laboratory; and introducing evidence in court. *Prerequisite: CRJ 1010, CRJ 2020, or consent of instructor. Fall*

**CRJ 3030                      EVIDENCE                      3 cr**

An examination of the rules of criminal evidence and the procedural guidelines applied to law enforcement agencies who gather that evidence. Among the topics considered are: types of evidence;; materiality, relevance, and competence of evidence; the hearsay rule and its exceptions; lay vs. expert testimony; testimonial privileges; the "best evidence" rule; and the laws relating to arrest, search and seizure. *Prerequisite: CRJ 1010, CRJ 2020, or consent of instructor. Spring.*

**CRJ 3040                      WOMEN AND CRIMINAL JUSTICE                      3 cr**

An examination of contemporary issues and research on women as offenders, victims of crime, and criminal justice practitioners. *Prerequisite: CRJ 1010 or consent of instructor. Spring, every third spring, starting spring 2006.*

**CRJ 3050                      LAW AND SOCIETY                      3 cr**

An examination of the nature and function of civil & criminal law in modern society. Current legal issues and their relationship to social institutions are highlighted. *Prerequisite: CRJ 1010, SOC 1010, or consent of instructor. Fall, even years.*

**CRJ 3060                      CONSTITUTIONAL CRIMINAL PROCEDURE                      3 cr**

An examination of the origins and development of the U.S. Constitution, particularly noting its significance in defining and limiting the authority of criminal justice personnel. This course will explore the role of the U.S. Supreme Court in developing constitutional law and examine key cases that have helped define the scope of 4th, 5th, 6th, 8th, and 14th Amendment protections. *Prerequisite: CRJ 2020 and junior standing or consent of instructor. Spring.*

**CRJ 3120                      WHITE COLLAR CRIME                      3 cr**

An exploration of work-related violations of criminal and regulatory law. Topics considered include: employee theft and misconduct; "crimes 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. *Prerequisite: CRJ 1010 or consent of instructor. Fall, odd years.*

**CRJ 3160 JUVENILE JUSTICE 3 cr**  
An examination of the procedures used in dealing with juveniles who come into conflict with the law. Course includes critical appraisal of the history and role of the juvenile courts and assessment of correctional strategies currently in use to treat juvenile offenders. *Prerequisite: CRJ 1010 or consent of instructor. Spring.*

**CRJ 3740 SELECTED TOPICS IN CRIMINAL JUSTICE 3 cr**  
Advanced study in criminal justice with specific topics to be announced prior to each semester. Course offerings will be determined by student demand and faculty availability. Specific topics may include: prisoner's rights. Specific topics may include: prisoners' rights, community justice, comparative criminal justice, private security and public safety, police civil liability, etc.

**CRJ 3840 CRIMINAL JUSTICE PROCTORSHIP 3 cr**  
Criminal Justice majors assume partial responsibility, under faculty supervision, for the progress of students in criminal justice courses. Sample duties might include conducting study sessions, preparing and distributing handouts, and leading discussion groups. *Prerequisite: Junior or Senior standing and consent of instructor.*

**CRJ 4010 CRIMINAL JUSTICE ETHICS 3 cr**  
An examination of ethical issues and problems that affect the criminal justice system. This course will explore the nature of morality and ethics, review key ethical theories, evaluate the relationship between law and ethics, and consider the role of the criminal justice system in fostering ethical behavior. Ethical dilemmas that face law enforcement officers, attorneys and judges, and correctional personnel in their daily work lives will be examined and discussed. *Prerequisite: Senior standing or consent of instructor. Spring, odd years.*

**CRJ 4720 SENIOR SEMINAR IN CRIMINAL JUSTICE 3 cr**  
This is the final, culminating course in a BA.CRJ student's academic career, where seniors will be expected to perform at a level appropriate for educated graduates about to enter the field. In this discussion-oriented course, students will be required to demonstrate the ability to retrieve, analyze, integrate, and apply knowledge gained through both research and prior study to contemporary issues in criminal justice. Additionally, the course will examine the future of agencies of the criminal justice system, as well as providing students with the opportunity to explore and clarify their own career options and goals. *Prerequisite: Senior Criminal Justice majors graduating in same calendar year only, and consent of instructor. Spring.*

**CRJ 4810 CRIMINAL JUSTICE INTERNSHIP AND SEMINAR 5 cr**  
This course combines 120 hours of student participation in the operations 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 do responsible work-related experience in the field. Students must apply and be accepted into the Internship Program by both criminal justice faculty and the supervising agency. Both the criminal justice faculty instructor and the on-site supervisor will provide direction and supervision throughout the internship. *Prerequisite: CRJ 2810, Junior or Senior standing and consent of instructor. Signed contract required at time of registration. Spring.*

CRJ 4910 INDEPENDENT STUDY 1-3 cr  
 Available by arrangement with Coordinator. *Prerequisite: Senior standing and Criminal Justice faculty approval is required before registration. Signed contract required at time of registration.*

**Criminal Justice cross listings:**

SOC 2210 DEVIANT BEHAVIOR  
 SOC 3210 CRIMINOLOGY

## Dance Courses

*Other relevant courses may be found under Physical Education.*

DAN 1040 INTRODUCTORY DANCE WORKSHOP 3 cr  
 Introductory level workshop in specific dance techniques or styles such as ballet, jazz, modern or tap. Offered on an as needed basis.

DAN 1050 AEROBIC DANCE, Full Semester. 2 cr

DAN 2020 RHYTHMS AND DANCE, Spring. 1 cr

DAN 2140 INTERMEDIATE DANCE WORKSHOP 3 cr  
 Intermediate level workshop in specific dance techniques or styles such as ballet, jazz, modern or tap. Offered on an as needed basis. *Prerequisite: DAN 1040 or permission of department or instructor.*

DAN 3133 ADVANCED DANCE WORKSHOP 3 cr  
 Advanced level workshop in specific dance techniques or style such as ballet, jazz, modern or tap. *Prerequisite: DAN 2140 or permission of the instructor or department chair. Periodically.*

## Economics Courses

*Other relevant courses may be found under History, Geography, Environmental Studies, and Political Science.*

ECO 1010 ECONOMICS AND SOCIETY 3 cr  
 An introductory course focused upon the evolution of western market systems. We start with the nature of the local economy in the middle ages. From those origins in feudal society sprang mercantilism and ultimately capitalism. What facets of early trading systems survive; what were jettisoned? How has the evolved system acted upon the wider socio-political realm and in turn been shaped by the political choices history throws up? *Every semester.*

ECO 1030 THE ECONOMICS OF WEALTH AND POVERTY 3 cr  
 This course is an examination of inequalities of income and wealth, primarily in the U.S., using economic tools of analysis. Topics that will be discussed include: how wealth and poverty are measured, the extent of poverty, competing economic explanations and analyses of the causes of extreme poverty and inequality, the consequences inequality has for the economy, and evaluations of public and private sector responses to poverty. These topics will also allow us to touch on such areas as economics of the family, discrimination, individual vs. systemic causes, and the subjective experience of poverty. *Fall.*

**ECO 2040                      MACROECONOMICS IN A GLOBAL CONTEXT                      3 cr**

A detailed, analytic evaluation of U.S. system's operation placed in a global context. We take an aggregative approach to the establishment of output, employment, and price levels. Initially, the focus is limited to a 'closed-system' version including a financial sector, but lacking transboundary trade and capital movements. 'Opening' the system and analysis permits explication of those influences arising from international trade in goods and capital. Contemporary and historical data is applied in case specific ways to assist students' grasp of both the principles at play and likely outcome scenarios. Public power in the arenas of monetary and fiscal policy are integral throughout. *Prerequisite: MAT 1221 or 1320 or 2021 or equivalent or concurrent enrollment in MAT 2021. ECO 2010 recommended for students with less than a C+ in MAT 1221, 1320, or 2021. Fall.*

**ECO 2050                      MICROECONOMICS IN A GLOBAL CONTEXT                      3 cr**

An introduction to microeconomic theory and its applications placed in a global context. Attention given to: 1) economic behavior of consumers and businesses; 2) the pricing of productive inputs, income distribution and redistribution; 3) the nature and functioning of markets; and 4) the consequences of imperfect competition and imperfect information. *Prerequisite: MAT 1221 or 1320 or 2021 or equivalent. ECO 2010 recommended for students with less than a C+ in MAT 1221 or 1320 or 2021. Spring.*

**ECO 2120                      U.S. ECONOMIC HISTORY                      3 cr**

This course surveys economic history for the United States, from the colonial period through the twentieth century. Special attention is given to the institutional basis of U.S. economic society, including slavery, industrial developments, international trade and political developments, and various trends in economic growth, income distribution, and class, gender, and race relations. As much has happened on this continent over the past 400 years, we cannot expect to become experts on all relevant topics, and will thus try to balance our time between the broader narrative of economic history, and in-depth analysis on some specific topics. *Spring, even years.*

**ECO 2910                      INDEPENDENT STUDY                      1-3 cr**

Available by arrangement with the instructor and department chair. A student-faculty contract must be executed prior to registration. Signed contract required at time of registration.

**ECO 3020                      MONEY, BANKING, AND THE FINANCIAL SERVICES SECTOR                      3 cr**

An examination of the role of money in the economy. What is money? How does the federal reserve, our central bank, control monetary conditions? We will scrutinize various theories of inflation and how financial markets affect and respond to changes in the value of money: actual or anticipated. *Prerequisite: ECO 2040. Periodically.*

**ECO 3040                      PUBLIC SECTOR CHOICE AND FINANCE: MARKET VERSUS ADMINISTERED ECONOMIC SYSTEMS                      3 cr**

Students are introduced to a detailed look at resource allocation regimes and funding mechanisms for both 'pure' market-based systems like the U.S. and hybrid administered systems. Using examples we will explore patterns of usually-legislative vote based-resource creation and use. Public investment choice, environmental exploitation and regulatory policy are viewed as 'rational', utility maximizing results from democratic (power-based) politics. Revenue raising, taxation schemes versus user fees are reviewed at the local, federal, and state levels. Major contrasts across broad system types: from mixed or hybrid examples (Japan, France, Sweden), to pure planning (China) will be examined comparatively. *Prerequisite: ECO 2010 or ECO 2120 or permission of instructor. Periodically (Spring 2005).*

ECO 3050                      WOMEN IN THE ECONOMY                      3 cr

Why do we observe differences between women and men in terms of work, income, consumption and ownership of property? Why have these differences varied over time, between countries, and across ethnic groups and social classes? This class draws upon both traditional and critical economic theories and analyses as well as empirical evidence to address these questions and also to evaluate the policy issues surrounding gender-based economic differences. Many of these questions are controversial; no single theory or perspective will be offered as the correct one. Instead, the process developed will be one of critical thinking. The class is expected to be of interest to men as well as to women. *Prerequisite: any Economics course is recommended, but not required. Spring, even years.*

ECO 3060                      POLITICAL ECONOMY OF THE ENVIRONMENT                      3 cr

How do we have both a healthy environment and a healthy economy? The goal of this class is to examine the intersections of economic and ecological systems in a social and political context, and to help students develop an understanding of the controversies around the analytical and policy frameworks now evolving which may or may not help to solve some pressing environmental problems. In particular, students will learn to use the tools of economic analysis, both neoclassical and alternative, to provide perspective to the issues. They can expect to gain insight into the complexity of the political and economic issues surrounding the environmental and environmental justice movements. Finally, students can expect to gain insight into the debates around growth and sustainability. *Prerequisites: any Economics course or ENV 2040 are highly recommended, but not required. Spring, odd years.*

ECO 3210                      GREAT IDEAS IN ECONOMICS                      3 cr

This course explores the underlying questions and enduring themes in economic thought and debate. What is economic justice? What is the proper role of government in the economy? Are capitalism and democracy compatible? What is our duty to future generations? We will consider answers offered by various thinkers—from Adam Smith to Karl Marx, from John Maynard Keynes to Milton Friedman. Then we will fashion our own answers for our own time. *Prerequisite: Sophomore standing and one course in Economics; or consent of instructor. Fall, odd years.*

ECO 3220                      INTERNATIONAL TRADE AND DEVELOPMENT                      3 cr

This course offers an overview of theory, recent data, and controversies surrounding the inter-linked topics of international trade and economic development in an increasingly integrated world economy. We will examine the philosophical commitments underpinning the debates, followed by a further examination of economic concepts, and a look at the facts of the global economy, with a primary focus on the developing world. *Prerequisite: At least one previous course in economics is highly recommended but not required. Fall, even years.*

ECO 3810, 4810                      INTERNSHIP IN ECONOMICS                      1-12 cr

By arrangement with the coordinator of Economics. Signed contract required at time of registration.

ECO 4910                      INDEPENDENT STUDY                      1-3 cr

A student-faculty contract determines content. Intended for students wishing to study upper level economics topics not otherwise available, or to carry out economic research. By arrangement with instructor and department chair. *Prerequisites: ECO 2010 or ECO 2020, or ECO 2030 and consent of instructor. Signed contract required at time of registration.*

Economics cross listings:

ENV 1210 ENVIRONMENTAL HARM AND MITIGATION STRATEGIES

## Education Courses

### EDU 1000                    INTRODUCTION TO EDUCATION                    7 cr

Description: This course integrates the foundational issues of teaching and learning -- including the philosophy and history of education, social justice and education, and the psychology of learning and learning theory--with topics in education, including curriculum, instruction, assessment, literacy, special education and inclusion, and classroom leadership. Teams of faculty, in collaboration with teachers in the area schools, will engage learners in a series of field and project-based experiences that provide the maximum opportunity for students to learn through direct experience in classrooms and other learning environments. Students will work from a contemporary knowledge base in education as they practice and refine professional dispositions. *Every semester*

### EDU 1100                    EDUCATION TECHNOLOGY                    3 cr

Description: This course will introduce students to the ways in which technology and the electronic portfolio process deepen prospective teachers' abilities to learn, to write analytically and reflectively about their own learning, and to further their own professional development. Students will learn how to apply what they experience in this course to the curriculum they provide for students. *Prerequisites: EDU 1000 may be taken concurrently. Every semester.*

### EDU 2010                    FOUNDATIONS OF EDUCATION                    3 cr

As an introduction to educational foundations, philosophy, and theory, this course provides the student with the opportunity to explore teaching through an overview of the public schools. Specific topics include principles of teaching, curriculum development, classroom management and organization, lesson planning, roles of the professional educator, and current issues in education. *Prerequisites: Concurrent enrollment in EDU 2870 or consent of instructor. Every semester.*

### EDU 2110                    INTRODUCTION TO EXCEPTIONAL POPULATIONS                    3 cr

This course is a study of history, philosophy, and current practices relating to education of children and young adults with special needs: the culturally different, visually handicapped, deaf and hearing impaired, learning impaired, emotionally disabled, intellectually gifted, physically handicapped, and learning disabled. The course also includes an overview of Public Law 94-142 and its implication for the inclusion of youngsters into regular classroom environments. *Prerequisite: Completion of, or concurrent enrollment in, EDU 2010, EDU 2870.*

### EDU 2140                    COGNITIVE DIFFERENCES AND EMOTIONAL CHALLENGES                    3 cr

This course focuses on students with Low Incidence Disabilities: severe and multiple disabilities, autism, moderate-severe learning impairments, sensory disabilities, and severe emotional and behavioral disabilities. Pre-service special educators will be learning about the characteristics of these students and the strategies to teach them academic and social skills within the regular classroom, in resource rooms, and in substantially separate classrooms. Emphasis is placed on interventions and assessment for functional academics, blended with life-skills and adaptive technology. The field component of this course is 15 hours based on licensing area. *Prerequisite: EDU 2110. Fall.*

### EDU 2870                    EARLY FIELD EXPERIENCE                    1 cr

This course is an opportunity for students to have early field experience with teachers and children in the school environment. It must be taken concurrently with EDU 2010. Involves 15 hours of class time and a minimum of 30 hours of field observation, study and participation. Physical

Education majors are to take PED 2810, Practicum in Early School Involvement instead. *Prerequisites: Concurrent enrollment in EDU 2010 or consent of instructor. Pass/No Pass.*

**EDU 3040 DEVELOPING LITERACY K-6: MULTIPLE PERSPECTIVES 3 cr**  
Students will study theorists and principles associated with the three models of reading, learn how to provide a balanced reading-writing program, collaboratively create a variety of materials and guides for classroom use, and understand Vermont's Writing Assessment and Portfolio Guidelines. In addition, students will be responsible for developing an interdisciplinary thematic unit plan that fosters literacy development. *Prerequisite: EDU 2010, EDU 2110, EDU 2870.*

**EDU 3050 ANALYSIS OF READING DIFFICULTIES 3 cr**  
In this course, students will study current theories and principles associated with literacy development, learn how to analyze reading difficulties with appropriate forms of formal and informal diagnostic measures, and develop a variety of remediation strategies and techniques. In a field component for this course, students will be required to work weekly out in a public school to complete an actual written case study. *Prerequisites: EDU 2010, EDU 2870, EDU 3040, EDU 3130, EDU 3170, or consent of instructor. Lab fee \$20.*

**EDU 3130 LEARNING DIFFERENCES AND ATTENTION DIFFICULTIES 3 cr**  
This course focuses on students with High Incidence Disabilities: learning disabilities, attention deficit hyperactive disorders, and mild/moderate emotional and behavior disorders. Pre-service special educators will learn about the characteristics of these students and the strategies used to teach them collaboratively within the regular classroom and in resource rooms for academic and social success. Emphasis will be placed on diagnosing and remediating literacy difficulties across academic areas, and utilizing assistive technology to accommodate for these challenges. The field component of this course is 15 hours based on licensing area. *Prerequisite: EDU 2110 Spring.*

**EDU 3170 READING AND WRITING IN THE CONTENT AREAS 3 cr**  
This course focuses on how constructivist, language-based principles apply to learning in secondary school content courses. It is an inquiry course focused on two principal questions: (1) What is your relationship to language? Who are you, a prospective teacher, as a reader and a writer? (2) What is the nature of language and what is its place in the teaching/learning process in a secondary school classroom? Ultimately, the purpose is for you to (1) identify and put into practice principles based on the theory that reading and writing generate thinking and learning in the content areas and (2) learn specific reading and writing strategies that encourage students to be active and committed learners in their subject matter fields. *Prerequisite: EDU 2010, EDU 2110, EDU 2870. Fall.*

**EDU 3270 INTERCULTURAL SENSITIVITY IN EDUCATION 3 cr**  
This course provides a theoretical and practical framework to assist the student/prospective educator in developing the insight to interpret and analyze the cultural cues encountered daily. Specific topics include tenets of multicultural education, dynamic aspects of micro-cultures (race, ethnicity, gender, exceptionality, age religion, sexual orientation, etc.), and strategies for developing intercultural sensitivity. *Prerequisite: For Education majors: EDU 2010, 2110, 2870, or consent of instructor; for Business majors: any one course from the Philosophical/ Psychological/ Social Analysis Core and BUS 2020; for other majors: consent of instructor. Fall .*

**EDU 3280 BEHAVIOR DIFFERENCES:  
SOCIAL AND ACADEMIC SUCCESS FOR ALL 3 cr**  
The course will focus on positive strategies to reduce problem behavior, increase academic

achievement and improve social behaviors across all environments. Education students will develop knowledge and skills to prevent problem behavior and to intervene appropriately in crisis situations. The goal is to establish safe, positive classroom and school climates that will enhance the acceptance of students with behavioral challenges and will increase their self-management skills, self-esteem, and academic success. *EDU 2110 or consent of the instructor. fall*

**EDU 3330                    MODELS OF TEACHING IN THE ELEMENTARY SCHOOLS                    4 cr**

This course is a study of the interdisciplinary nature of the elementary school with an emphasis on the curricular materials to be used in teaching. Emphasis is on exposure to appropriate methodology for classroom management, math, science and language arts. A minimum of 50 hours of field work is required. *Prerequisite: Junior or Senior standing, EDU 2010, EDU 2110, EDU 2870, EDU 3340.*

**EDU 3340                    EXPLORING THE PROCESS OF CURRICULUM DEVELOPMENT                    3 cr**

The primary purpose of this project-based course is for all of us to become engaged in an inquiry focused on constructing the meaning and purpose of curriculum in the context of public schools. Our intent is that prospective teachers come to think that curriculum-making is a natural part of their role as teachers. We design activities to develop confidence in their abilities to perform this complex task, to analyze and critique different visions of elementary and secondary curricula, to understand the political nature of curriculum and to make it a habit to identify and take a stand on public school curricular issues and school reform. As part of that process we ask students to investigate their own learning experiences and become mindful of how personal experiences can shape who we become as curriculum-makers. Students will discover the language used to talk about curriculum, learn to differentiate between traditional and experientialist/constructivist perspectives on curriculum and become committed to basing curriculum on current knowledge of how we learn. *Prerequisite: EDU 2010, EDU 2110, EDU 2870.*

**EDU 3370                    MODELS OF ASSESSMENT AND INTERVENTION IN  
SPECIAL EDUCATION                    4 cr**

This course focuses on the role of the special education teacher, as he/she teaches students with learning disabilities, learning impairments, and behavioral challenges in the resource room and in the regular classroom. The emphasis is on planning, instruction, and assessment, including the linkage of assessment/evaluation with curriculum/instruction and technology. Students will be exposed to the most common assessment measures used to identify and teach students with special needs and the “paper process” that is legally required for all students with identified challenges. Emphasis is placed on literacy instruction and access to the general education curriculum. The field component of the course (60 hours) is designed to give the student hands-on practice, and opportunities for observation, teaching, and assessment that bridges previous coursework and leads to student teaching. *Prerequisite: EDU 2010, EDU 2110, EDU 2870, EDU 2110, EDU 3130, & EDU 2140. Fall*

**EDU 3380                    COLLABORATION AND SPECIAL EDUCATION LAW                    3 cr**

This course is an overview of laws that govern special education. Special educators will learn collaborative strategies for their work with regular classroom teachers, specialists, parents and administrators. Individuals with Disabilities Education Improvement Act (2004), VT State Regulations, the Family Education Rights and Privacy Act (FERPA), and Section 504 of the Rehabilitation Act 1973 will be explored. *Prerequisites: EDU 2110 or consent of the instructor. Spring.*

**EDU 3410                    EDUCATIONAL ASSESSMENTS                    3 cr**

This is an introductory course in classroom assessment. Historically focused on “objective” and “standardized” measures, the role of tests is placed within the context of contemporary chal-



lenges to this model. Students will construct valid and reliable classroom assessments; they will be able to interpret and evaluate the purposes, scores and utility of standardized, norm-referenced measures; they will understand the connection of assessment to student needs and content areas. In class, self-directed learning /class discussion are emphasized. *Prerequisite: EDU 2010, EDU 2110, EDU 2870, EDU 3340.*

**EDU 3420                      SECONDARY EDUCATION MATH METHODS                      2 cr**  
This course reviews current and best practices at the secondary level and will focus on mathematics methods. *Prerequisite: EDU 2010, EDU 2870, MAT 1531, MAT 2532, MAT 3230.*

**EDU 3430                      MATH/SCIENCE METHODS: ELEMENTARY                      3 cr**  
Techniques and materials for teaching mathematics and science to elementary children will be studied. The course will focus on specific learning strategies which help elementary youngsters apply mathematical knowledge and scientific method through class activities, textbooks, learning kits, experiments, etc. Some actual classroom involvement is required of students taking the course. *Prerequisite: EDU 2010, EDU 2870 plus core math and science courses.*

**EDU 3450                      INSTRUCTIONAL APPLICATION OF COMPUTERS                      3 cr**  
Students will study and use different applications of computers that enhance a student's ability to learn and to express ideas. Topics will include integrated software packages, subject specific applications, multi-disciplinary integration, and an introduction to multi-media. *Prerequisite: EDU 2010, EDU 2110, EDU 2870 and recommended experience with a word processor. Lab fee \$25.*

**EDU 3900                      INDEPENDENT STUDY                      1-3 cr**  
Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

**EDU 4060                      ADVANCED INVOLVEMENT                      3 cr**  
Guided by a faculty member, the student evaluates teaching strengths and needs of student teaching experiences. Based upon this assessment, the student can work in any of the following areas: tutoring, small group instruction, large group instruction, individualized instruction, specialized teaching skills or techniques, specific curricular areas, participation in other grade levels or age groups, or areas of need or interest. This study is carried out with a faculty member. *Prerequisite: EDU 2010, EDU 2110, EDU 2870, EDU 3170, EDU 3340 or consent of instructor, two additional EDU courses, and at least Junior standing.*

**EDU 4210                      MODELS OF TEACHING IN THE SECONDARY SCHOOLS                      4 cr**  
This course is designed to examine teaching methods appropriate for secondary education. Areas covered include general curriculum structure; the specific subject area structure; organizational and questioning skills; classroom management and interaction; unit plans and the attendant need for daily lesson planning. Half of the course involves hands-on micro-teaching experience in area middle schools or high schools. Three credits are earned in satisfying the generalized competencies required of all secondary school teachers; the fourth credit is earned by studying methods, appropriate for specific subject matter. *Prerequisite: Junior or Senior standing and EDU 2010, EDU 2110, EDU 3340, EDU 2870, EDU 3170 or consent of the instructor. Spring.*

**EDU 4720                      STUDENT TEACHING SEMINAR                      3 cr**  
The seminar prepares the student for the student teaching experience, supports the student during this experience and introduces and/or reviews competencies associated with the role of the professional educator. Taken concurrently with EDU 4871 and EDU 4872. *Prerequisite: Required Education courses and Senior standing.*

**EDU 4871                      DIRECTED STUDENT TEACHING I                      6-9 cr**

This course is an opportunity for the student to teach under the guidance of a qualified cooperating teacher and college supervisor. Taken concurrently with EDU 4720 and EDU 4872. *Prerequisite: Required Education courses, departmental recommendation, professional and intellectual competencies as stated in exit requirements.*

**EDU 4872                      DIRECTED STUDENT TEACHING II                      6-9 cr**

Extension of student teaching. Under the guidance of a qualified cooperating teacher, the student gradually assumes responsibilities involved in classroom teaching. School and community relations are emphasized. *Must be taken concurrently with EDU 4720 and EDU 4871. Lab fee \$10.*

**EDU 4900                      INDEPENDENT STUDY                      1-3 cr**

Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

## **English Courses**

General Policy Statement: Students write critical and/or research papers in all English Department courses. NOTE: Literature courses are designated by an "(L)" after the course title.

**ENG 0040                      ESSENTIAL WRITING                      1 cr**

Students whose test scores indicate underdeveloped writing skills must enroll in this course. Through close study of their own writing and the writing of others, these students learn the essentials of writing, particularly grammar and usage, sentence structure, punctuation, and mechanics. *Credit for this course does not count toward diploma requirements. Concurrent enrollment in ENG 1010 is required. Every semester.*

**ENG 1010                      INTRODUCTION TO ACADEMIC WRITING                      2 cr**

Students whose test scores indicate underdeveloped writing skills must enroll in this course. These students learn about the rhetorical concepts of writer, audience, purpose, and language, and about the relationship between these concepts and academic writing. Through a variety of academic reading and writing assignments, they apply these concepts to their own writing and to the writing of others. Credit for this course does count toward diploma requirements. *Concurrent enrollment in ENG 0040 is required. NOTE: Students enrolled in ENG 0040/1010 must pass these courses before taking ENG 1061. Every semester.*

**ENG 1061                      ENGLISH COMPOSITION                      3 cr**

Students study and practice the forms of writing most important to academic thought and expression, including those conventions that govern how to report and document the thoughts of others. Not only do they review grammar and usage, punctuation and mechanics, but they consider how the nuances of language and style affect the other elements of rhetoric. Students should complete this course their first year. *Prerequisite: ENG 0040/ENG 1010 or equivalent. Every semester.*

**ENG 1070                      EFFECTIVE SPEAKING                      3 cr**

Students prepare and deliver short speeches. They practice how to choose, limit, and arrange what they say according to their audience and purpose; how best to address an audience; how to use visual aids effectively; and how to report and document the thoughts of others. Students should complete this course their first year. *Every semester.*

ENG 1310 INTRODUCTION TO LITERATURE (L) 3 cr

This course asks students to consider and apply the variety of formal strategies by which accomplished readers interpret, appraise, and appreciate fiction, poetry, and drama. Literature majors should complete this course their first year. *Prerequisite: EDU 0030, ENG 0040/ENG 1010, or equivalents. Spring.*

ENG 2010 EXPOSITORY AND ARGUMENTATIVE WRITING 3 cr

Primarily concerned with writing that explains or elaborates and writing that persuades, this course builds upon the foundation laid by ENG 1061. Further emphasis is given grammar and mechanics, development and style, with particular attention paid the skills of critical thinking and the strategies of persuasion. Literature majors must complete this course their first or second year. *Prerequisite: ENG 1061. Fall. Spring, odd years.*

ENG 2101 CREATIVE WRITING 3 cr

An introduction to creative writing, this course is designed for the beginning writer or student interested in learning about writing original poetry, short stories, or creative non-fiction. *Prerequisite: ENG 1061. Periodically, Spring 2007.*

ENG 2161 WORLD LITERATURE THROUGH RENAISSANCE (L) 3 cr

This course investigates salient texts from a variety of different cultures, most of which are related to one another by origin or influence. The booklist changes each time the course is offered, and texts are chosen for the contributions they can make to students' knowledge of world literature and ability to contextualize the events, texts, and persons of today's world. Recent selections have included Plato's Symposium, the Bhagavad Gita, the Koran, Poems of Rumi, and Dante's Paradiso. *Prerequisite: ENG 1061. Highly recommended: ENG 1310. Fall, even years.*

ENG 2162 WORLD LITERATURE FROM ENLIGHTENMENT (L) 3 cr

In the novels, poetry, and essays read for this course, the major religious traditions confront modernity. Among the changes to which these texts respond are: the voyages of exploration and discovery, the religious warfare that shook Europe in the seventeenth century, the Enlightenment and its violent triumph in the French Revolution, and the modern experience of world war. *Prerequisite: ENG 1061. Highly recommended: ENG 1310. Spring, odd years.*

ENG 2260 TOUCHSTONES OF WESTERN LITERATURE (L) 3 cr

This course provides a representative sampling of biblical, classical, medieval, Renaissance, and modern modes of thought, feeling, and expression. Reading includes examples from the Bible, classical epic and tragedy, medieval allegory or romance, Shakespeare, satire, and the nineteenth century novel. *Prerequisite: EDU 0030 or equivalent, ENG 1061, and at least sophomore standing. Every semester.*

ENG 2270 HONORS TOUCHSTONES (L) 3 cr

This course is available to new students with considerable accomplishments in high school and on college entrance exams. It is a study of readings comparable to those in ENG 2260 and involves frequent and significant writing about those readings. Upon successfully completing this course, students are exempted from ENG 1061. *Prerequisite: invitation from department chair. Fall*

ENG 2271 ENGLISH LITERATURE: ANGLO-SAXONS TO 18TH CENTURY (L) 3 cr

This course introduces the major authors, genres, and motifs of English literature from its inception to the end of the neoclassical period. A wide range of materials is presented, from the development of the English language and its Anglo-Saxon base to masterfully crafted rhymed

couplets, from the Canterbury pilgrims to Dr. Faustus, from the Red Crosse Knight and Oroonoko to Satan and a cat named Jeoffry, from Grendel to Gulliver. *Prerequisite: ENG 1061. Highly recommended: ENG 1310. Fall.*

ENG 2272            ENGLISH LITERATURE: 18TH CENTURY TO PRESENT (L)            3 cr  
Continuing the introduction begun in ENG 2271, this course spans the Romantic, Victorian, modern, and contemporary periods. Again, its scope is broad: from Songs of Innocence to A Room of One's Own, from Manfred to Kurtz, Frankenstein's monster to Godot, from Heathcliff and Aurora Leigh to J. Alfred Prufrock and Stephen Dedalus, from the early Romantic poets' Neoplatonism to the somber mood and modes following the cataclysmic First World War. *Prerequisite: ENG 1061. Highly recommended: ENG 1310. Spring.*

ENG 2311            AMERICAN LITERATURE: COLONIAL TO CIVIL WAR (L)            3 cr  
This course examines the formal and philosophical features of American literature through the Civil War, particularly those features that resulted from the exhilarating yet complex, even contradictory, new American character. Reading includes fiction, poetry, and essays that characterize and illustrate colonial, Romantic, and Civil War era literary endeavor. *Prerequisite: ENG 1061. Highly recommended: ENG 1310. Fall.*

ENG 2312            AMERICAN LITERATURE: CIVIL WAR TO PRESENT (L)            3 cr  
This course examines the formal and philosophical features of American literature from the Civil War to the present, particularly those features wrought by the Civil War, by urbanization, by advances in science and psychology, and by the two world wars. Reading includes fiction, poetry, and drama that characterize and illustrate literary regionalism, realism, naturalism, and modernism—and that begin to characterize contemporary American literature by, and against, those traditions. *Prerequisite: ENG 1061. Highly recommended: ENG 1310. Spring.*

ENG 2411            NINETEENTH CENTURY CHILDREN'S LITERATURE (L)            3 cr  
A professional literature for children barely existed before the nineteenth century. This course focuses on such writers as Carroll, Lear, Alcott, Stevenson, and Andersen, with some attention given their few predecessors, their contemporaries, and the twentieth century writers who followed them. *Prerequisite: ENG 1061 and at least sophomore standing. Highly recommended: ENG 1310. Fall.*

ENG 2412            TWENTIETH CENTURY CHILDREN'S LITERATURE (L)            3 cr  
Including Beatrix Potter, A. A. Milne, Kenneth Grahame, J. M. Barrie, Maurice Sendak, and a variety of other authors, this course examines twentieth century trends in children's literature. Particular focus is given the development of books designed exclusively for children, the use of fantasy as a counterpane to reality, and the issues evolving from realistic fiction for children. *Prerequisite: ENG 1061 and at least sophomore standing. Highly recommended: ENG 1310. Spring.*

ENG 2910            INDEPENDENT STUDY            1-3 cr  
Freshmen and sophomores do independent and substantial scholarly or creative work. They should decide upon the goals, scope, and method of their project with a cooperating instructor. They must then have their project approved in writing by both the instructor and the department chair before registering for the course. Signed contract required at time of registration.

ENG 3060            TECHNICAL AND PROFESSIONAL WRITING            3 cr  
This course introduces students to the writing demanded of many liberal arts graduates in their work. Students practice drafting, revising, and editing a variety of documents—including letters,

procedures, reports, evaluations, and proposals—for audiences and purposes related to students' prospective careers in such fields as publishing, the fine arts, the social and natural sciences, history, mathematics, and literature and language. The course emphasizes clarity, concision, and correctness as qualities of effective style. Students use computers as tools for writing. *Prerequisite: ENG 1061. Highly recommended: ENG 2010. Fall, odd years.*

### ENG 3070 WRITING NON-FICTION 3 cr

Students practice the art of writing non-fiction that interests and entertains as it informs the reader. After writing short autobiographical pieces and character sketches, students concentrate on topics of their choice. For example, they may write about personal experiences or family histories, interesting individuals, or communities, nature or the environment, or other topics from their major fields of study or prospective careers. While drafting, revising, and editing their work, students apply fundamental strategies for writing effective narration and description. *Prerequisite: ENG 1061 recommended: ENG 2010. Periodically. (Spring 2008).*

### ENG 3160 TEACHING WRITING 3 cr

For Literature majors and others, who learn how to help college students through the process of writing essays and research papers and to assist English department faculty in teaching writing courses and evaluating student writing.

### ENG 3170 EPIC POETRY (L) 3 cr

This course studies a selection of important texts of the epic tradition, from its ancient beginnings (including Homer) to its rebirth as an English poetic form. Issues considered may include translation, influence, orality and literacy, and the claims of poetry on the epic scale. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2161, and ENG 2162. Fall, odd years.*

### ENG 3180 LYRIC POETRY (L) 3 cr

Characterized by subjectivity, emotion, imagination, and melody, the varied forms of lyric poetry are studied from among the best of Western literature. Particular attention is paid such fixed forms as the sonnet, the villanelle, and the sestina. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Fall, even years.*

### ENG 3210 GREEK TRAGEDY (L) 3 cr

A study of selected dramas by Aeschylus, Sophocles, and Euripides, with attention to their wisdom about mankind and gods. Close readings of these tragedies are supplemented by attention to the Ancient Greek context and to contemporary prose, including Aristotle's *Poetics*. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2161, and ENG 2162. Spring, odd years.*

### ENG 3220 THE NOVEL (L) 3 cr

This genre course investigates prose fiction since Cervantes, asking how important writers have received and transformed the novel as an art object—and as a means of doing new kinds of philosophical and psychological work. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2161, and ENG 2162. Spring, even years.*

### ENG 3230 ASIAN LITERATURE AND THOUGHT (L) 3 cr

This course surveys important texts from the civilizations of India, China, and Japan, including Vedic literature; the family of texts in which Taoism and Confucianism resist and complement one another; the Japanese aristocratic literature of private life; and the responses to Buddhism. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Spring, even years.*

**ENG 3260                    WESTERN MYTHOLOGY (L)                    3 cr**

This course is an intensive study of predominantly Western myths: as tales, as narrative cosmologies and archetypes, as the contexts for later literature, as re-visioned in contemporary culture. Primary emphasis is on the ancient myths of Greek and Scandinavian-Germanic cultures, with some consideration given to myth's prehistoric base; a representative sampling of myths from around the world, as well as the Bible, is also included. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Spring.*

**ENG 3280                    THE BIBLE (L)                    3 cr**

A detailed consideration of the King James version, a work which continues to have tremendous influence on English and American literature. Genres studied include drama, lyric poetry, short story, and essay. Students are also introduced to other noteworthy translations. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Periodically.*

**ENG 3290                    STUDIES IN WORLD LITERATURE (L)                    3 cr**

Topics for this course may include literature from an historical period, a major author, or a theme or genre in world literature. The specific subject of the course will be announced at registration. *Prerequisite: ENG 2260 or equivalent\*. Fall, even years.*

**ENG 3310                    DANTE (L)                    3 cr**

A consideration of *The New Life* and *The Divine Comedy* in the context of European civilization in the late Middle Ages. This course attends to Dante's text and its impossible project: to explain divine justice, and so repair a broken world. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2161, and ENG 2162. Spring, odd years.*

**ENG 3360                    SHAKESPEARE COMEDIES AND HISTORIES (L)                    3 cr**

This examination of Shakespeare's early plays attends to his development as playwright and poet, the nature and growth of his comic vision, and the relationship of the plays to his age and ours. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Fall, odd years.*

**ENG 3370                    SHAKESPEARE TRAGEDIES AND LATE COMEDIES (L)                    3 cr**

The major tragedies are viewed with special attention to the characterization, the nature, and the growth of Shakespeare's tragic vision; and to the increasing sophistication of his dramatic poetry. The late comedies are viewed as growing out of and complementing the vision of the tragedies. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Spring, even years.*

**ENG 3520                    AMERICAN POETRY (L)                    3 cr**

So that students understand the distinctive attributes and achievements of American poetry, this course studies the abiding and evolving characteristics of poetry in general; the English and European influences on American poetry; but especially the development of American poetry itself by way of form and function, in particular the influences on, and of, modern American poetry. Reading includes poetry that represents such development from the nineteenth century to the present. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Spring, even years.*

**ENG 3530                    AMERICAN NOVEL (L)                    3 cr**

So that students understand the distinctive attributes and achievements of the American novel, this course studies the abiding and evolving characteristics of the novel in general; the profound differences between the nineteenth century American and English novel; but especially the de-

velopment of the American novel itself, with significant investigation of Romantic and modern forms and purposes. Reading includes novels that represent such development from the nineteenth century to the present. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Spring, odd years.*

ENG 3550 AMERICAN SHORT FICTION (L) 3 cr

With the American short story and novella as its subject, this course studies short fiction by way of the literary conventions that define, sustain, and transform it; by way of the distinctions to be drawn between short fiction and the novel; but predominantly by way of the formal and philosophical development of American short fiction itself, with particular attention paid its modern and contemporary significance. Reading includes short fiction that represents such development from the nineteenth century to the present. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Fall, odd years.*

ENG 3560 AMERICAN DRAMA (L) 3 cr

This course studies drama by way of the literary conventions that define, sustain, and transform it; by way of the English and European influences on American drama; but predominantly by way of the formal and philosophical development of American drama itself, with particular attention paid its modern and contemporary significance. Reading includes drama that represents such development from the nineteenth century to the present. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Fall, even years.*

ENG 3570 AMERICAN LITERARY MOVEMENTS (L) 3 cr

This course examines American literature by the study of one significant literary movement: transcendentalism, for example, or naturalism; imagism or the Harlem Renaissance. Students investigate the causes of that literary movement, the writers and works by which that movement achieved significance, the principles that have come to stand for that movement, and the effects of that movement on the larger unfolding of American literature. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Spring, odd years.*

ENG 3580 AFRICAN AMERICAN LITERATURE (L) 3 cr

Students survey prominent African American literature from the eighteenth century to the present. The relationship between vernacular literature—the blues, gospel, jazz, the sermon—and the formal African American literary tradition is examined. Students also consider the relationship between African American literature and the more general category of American literature. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Fall, even years.*

ENG 3600 AMERICAN LITERARY CAREERS (L) 3 cr

This course examines American literature by the study of one significant American writer's literary career. Students investigate the relationship between that writer's life and literary production; the critical reception of that literary production over time; and that writer's effect on the larger unfolding of American literature. This course might on occasion examine two significant writers for insights about American literature that reveal themselves only upon studying one literary career by another. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2311, and ENG 2312. Spring, even years.*

ENG 3610 WOMEN WRITERS (L) 3 cr

This course examines American and world literature written by women, including such genres as the novel, biography, autobiography, poetry, and the essay. The course also investigates images of

women as well as the intersection of genre, gender, race, socioeconomic class, and historical period. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310. Fall, odd years.*

ENG 3620                    INTRODUCTION TO CHILDREN'S LITERATURE (L)                    3 cr  
A comprehensive overview of children's literature, its history and genres, the issues and approaches it has generated, and strategies for using it in the classroom. Strongly recommended for elementary education majors. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2411, ENG 2412. Fall, even years.*

ENG 3630                    POETRY FOR CHILDREN (L)                    3 cr  
This course examines the ways in which poetry and its elements of diction, imagery, rhythm, and rhyme serve to develop and enhance the child's language skills, literary appreciation, imaginative and creative expression. Mother Goose, R. L. Stevenson, William Blake, W. De LaMare, Randall Jarrell, and Shel Silverstein are some of the poets considered. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2411, and ENG 2412. Spring, odd years.*

ENG 3640                    IMAGES OF THE CHILD IN LITERATURE (L)                    3 cr  
Children have been a recognized minority, both idealized and segregated, for at least two centuries. This course investigates classic portrayals of childhood in English and American literature for both children and adults. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2411, ENG 2412. Fall, odd years.*

ENG 3650                    ART OF CHILDREN'S BOOK ILLUSTRATION (L)                    3 cr  
An in-depth treatment of the picture storybook, from Beatrix Potter to contemporaries such as Arnold Lobel and Maurice Sendak. Primary concerns include format, the complementarity of picture and print, the meanings communicated through this "picture language," and the image as a visual text read by the child. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310, ENG 2411, and ENG 2412. Spring, even years.*

ENG 3660                    FOLK TALES (L)                    3 cr  
Folk tales constitute "the bare bones of narrative"; this course examines that narrative's oral, literary, cultural, folkloric, historical, psychological, archetypal, and philosophical components, as well as tale variants—from different cultures or as adapted to other literary genres such as the short story and poetry. Both world tales and "Household Tales" of the Brothers Grimm are studied. *Prerequisite: ENG 2260 or equivalent\*. Highly recommended: ENG 1310. Fall.*

ENG 3670                    AMERICAN CULTURE (L)                    3 cr  
Studies in American culture, with individual courses treating such topics as the literature, history, and popular culture of the 1920s, 1930s, 1940s, 1950s, or 1960s. May be taken more than once for credit; may be taken for History credit, with approval of History department chair; and may also be taken for English credit. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310. Fall.*

ENG 3690                    THE ENGLISH LANGUAGE: GRAMMAR                    3 cr  
Designed to investigate the systematic nature of English grammar, this course draws from both structural and transformational linguistics. It analyzes sentence structure—how to identify, expand, and transform the basic sentence patterns; it studies the assorted forms and functions of words, phrases, and clauses; and it examines the relationship between grammar and rhetoric, particularly by way of cohesion, rhythm, emphasis, and punctuation. This course also considers the evolution of English grammar. *Prerequisite: ENG 1061. Highly recommended: ENG 2010. Fall.*



ENG 3740 SPECIAL TOPICS IN LITERATURE (L) 3 cr

This course enables faculty and students to explore a subject that is treated only briefly, or not at all, in other English courses. The subject of the course is announced at registration. Students may take this course several times, but they may use it only once to meet an elective within a concentration. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310. Periodically.*

ENG 3720 SPECIAL TOPICS IN CHILDREN'S LITERATURE (L) 3 cr

With such possible topics as the fantastic and children's series books, this course offers a variety of subjects from children's literature for further exploration and study. The topic is announced at registration. Students may take this course more than once, but only one offering can count as an elective within the concentration. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310, ENG 2411, ENG 2412. Spring, even years.*

ENG 3810 INTERNSHIP IN ENGLISH 1-12 cr

See section on Individualized Educational Experiences. Permission of department chair required. Open to junior Literature and Communication majors only. Signed contract required at time of registration.

ENG 3900 INDEPENDENT FOREIGN STUDY

Registration by permission of department chair only. Signed contract required at time of registration. Credits to be arranged.

ENG 4040 ADVANCED CREATIVE WRITING 3 cr

An advanced course in writing original poetry, short stories, or creative non-fiction, this offering is intended for students with a demonstrated competency in writing, as well as a knowledge of basic elements of literature. Interested students must submit a writing sample to the instructor. *Prerequisite: at least junior standing and permission of instructor. Periodically (Spring 2009).*

ENG 4140 APPROACHES TO LITERATURE (L) 3 cr

This senior seminar studies the variety of critical approaches by which accomplished readers interpret, appraise, and appreciate fiction, poetry, and drama. Not only do students consider the nature and purpose of literary criticism, but they also analyze and apply the principles that define such approaches as formalism, historicism, reader-response criticism, mimeticism, and intertextualism. *Prerequisite: ENG 1310 and ENG 2260 or equivalent.\* Fall.*

ENG 4720 SEMINAR IN LITERATURE (L) 3 cr

Depth rather than scope governs the selection of topics for this upper-level seminar. The subject is announced at registration. *Prerequisite: ENG 2260 or equivalent.\* Highly recommended: ENG 1310. Periodically.*

ENG 4810 INTERNSHIP IN ENGLISH 1-12 cr

See section on Individualized Educational Experiences. Permission of department chair required. Open to senior Literature and Communication majors only. Signed contract required at time of registration.

ENG 4900 INDEPENDENT STUDY 1-3 cr

Juniors and seniors do independent and substantial scholarly or creative work. They should decide upon the goals, scope, and method of their project with a cooperating instructor. They must then

have their project approved in writing by both the instructor and the department chair before registering for this course. *Signed contract required at time of registration.*

ENG 4930                      HONORS THESIS                      3 cr  
Candidates for Honors in Literature produce an honors thesis or equivalent with guidance from a department honor's committee. *Prerequisite: Students who enroll must first be candidates for Honors in Literature.*

### **Environmental Studies Courses**

*Other relevant courses may be found under Biology, Chemistry, Economics, History, and Political Science.*

ENV 1210                      ENVIRONMENTAL HARM AND MITIGATION STRATEGIES                      3 cr  
This course examines the problems in the interactions between human society and our natural environment. It is an introductory exploration of the pressures and correctives which our society places on all our life-sustaining ecosystems, while at the same time being utterly dependent on them. We will examine the depth and scope of the problems, the development of protective policies, and the variety of views on how best to proceed, at local, state, national, and global levels. Simultaneously, we will gain some hands-on experience at the local level with our service-learning work with the local community. A full understanding of the scope of environmental harm we are now facing can be very discouraging, so the course will also focus on the myriad ways, large and small, that we can and already do work to overcome the harm. *Fall, odd years*

ENV 2030                      ENVIRONMENTAL ETHICS                      3 cr  
This course is a survey of ethical issues involving humans and their natural environment. Central problems are: Of what moral value is or what moral responsibilities do humans have toward the natural world? Animals? Future generations? Are ethical issues at odds with economic issues? Current ethical theories of movements to be studied include the Land Ethic, Deep Ecology, Biocentrism, and Ecofeminism. *Spring, even years.*

ENV 2910                      INDEPENDENT STUDY                      1-3 cr  
By arrangement with the coordinator of Environmental Studies. Signed contract required at time of registration.

ENV 3810                      INTERNSHIP IN ENVIRONMENTAL STUDIES                      1-12 cr  
By arrangement with the coordinator of Environmental Studies. Signed contract required at time of registration.

ENV 4910                      INDEPENDENT STUDY                      1-3 cr  
A student-faculty contract determines content. Intended for students wishing to study upper-level Environmental Studies content not otherwise available or to carry out research in the field of Environmental Studies. Signed contract required at time of registration. By arrangement with instructor, environmental studies coordinator, and department chair.

Environmental Studies cross listings:

ECO 3060	POLITICAL ECONOMY OF THE ENVIRONMENT
GEO 2060	ENVIRONMENTAL PROBLEMS
GEY 1040	ENVIRONMENTAL GEOLOGY

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GEY 2110	ENERGY AND THE ENVIRONMENT
HIS 3170	ENVIRONMENTAL HISTORY: THE U.S. CONSERVATION MOVEMENT
POS 2310	ENVIRONMENTAL POLITICS

## Foreign Language Courses

*Other relevant courses may be found under French and Spanish.*

ESL 3010	TEACHING ENGLISH AS A SECOND LANGUAGE IN A CROSS CULTURAL CONTEXT	3 cr
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This course is designed for the teaching of English as a second language to limited or non-English speaking immigrants. Participants in this course will examine current policies of public schools in the education of such students, examine appropriate E.S.L. methodologies; identify cultural factors and linguistic points of difficulty for Spanish-speaking and Indo-Chinese learners; and exiting criteria from public school E.S.L. programs. Students seeking certification in Education will find this course particularly useful. *Periodically.*

FLL 1110	FILM AND LIT: HISPANIC, FRENCH AND ITALIAN	3 cr
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A global reach of literary texts and film in cultural and/or literary translation from the Hispanic, French, or Italian languages and cultures, starting from the late 20<sup>th</sup> century. Film, novels, short stories, essays, and poetry will be analyzed and discussed. Works will be presented as part of a global consciousness in terms of interrelationships including historical context. They may be selected by theme, genre, topic, and/or special combination that are thought provoking and respond to current interest. Students will be required to do oral presentations and written reports. *Every semester.*

FLL 3020	FOREIGN LANGUAGE TEACHING METHODS	3 cr
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An examination of past and current foreign language teaching methodologies, e.g. grammar-translation, direct methods, audio-lingual/behaviorist models, total physical response, suggestopedia, cognitive code, etc. Students will be expected to create appropriate instructional materials with attention to culture and the four-skills approach (listening, speaking, reading and writing); and demonstrate knowledge of current methods by direct application in foreign language classrooms with observation and critique by an instructor from the Modern Foreign Language Program. Required of all Spanish majors seeking education licensure majors. To be taken before student teaching. *Prerequisite: SPA 2000 level. Spring.*

FLL 3810	INTERNSHIP IN FOREIGN LANGUAGE	1-12 cr
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Signed contract required at time of registration.

FLL 3820	FOREIGN LANGUAGE STUDY ABROAD	Credits to be arranged
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Registration by permission of Modern Foreign Language program coordinator only. Only students studying in non-English speaking countries are eligible.

FLL 3830	FOREIGN CULTURE STUDY ABROAD	Credits to be arranged
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Registration by permission of Modern Foreign Language Program Coordinator only.

FLL 3910	INDEPENDENT FOREIGN STUDY	Credits to be arranged
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Registration by permission of Modern Foreign Language Department Program Coordinator only.

## French Courses

**FRE 1010                      FRENCH PRONUNCIATION                      3 cr**  
Exercises for the improvement of the student's pronunciation and intonation. Open to any student of French although recommended for those who are in at least their second semester.

**FRE 1111                      FRENCH I                      3 cr**  
The first course in a two-course sequence. Development of aural comprehension, speaking, reading and writing skills. Three class hours plus one hour supervised lab per week. This may be used to fulfill one general education requirement. *Prerequisite: ENG 0040/ENG 1010 or equivalent. Fall.*

**FRE 1112                      FRENCH II                      3 cr**  
Continuation of FRE 1111. This may be used to fulfill one general education requirement. *Prerequisite: FRE 1111 or permission of instructor and ENG 0040/ENG 1010 or equivalent. Spring.*

**FRE 2011                      FRENCH III                      3 cr**  
Systematic and intensive review of first-year college or two years of high school French. Continued study of French grammar. Practice in directed composition. Vocabularies for everyday use. Informal oral and written reports. Three hours class plus two hours supervised lab per week. *Prerequisite: FRE 1112 or two years high school French or permission of instructor. Periodically.*

**FRE 2012                      FRENCH IV                      3 cr**  
Continuation of FRE 2011. *Prerequisite: FRE 2011 or consent of instructor. Periodically.*

**FRE 2030                      INTERMEDIATE FRENCH:  
   INTRODUCTION TO CONTEMPORARY LITERATURE                      3 cr**  
Selected readings of whole works from contemporary French literature. Written and oral reports. *Prerequisite: Simultaneous registration in FRE 2012 or permission of instructor. Periodically.*

**FRE 2040                      INTERMEDIATE FRENCH:  
   INTRODUCTION TO FRENCH CULTURE                      3 cr**  
Reading in a special topic area to introduce students to the French-speaking world. As topics change, this course may be repeated for credit. Reading will include French fairy tales and other appropriate works. This course is especially recommended for elementary education majors. *Prerequisite: Simultaneous registration in FRE 2012 or permission of instructor. Periodically.*

## Geography Courses

*Other relevant courses may be found under Geology, History, Political Science.*

**GEO 1060                      GEOGRAPHY: A MODERN OVERVIEW                      3 cr**  
The course offers a modern overview/synthesis of the broad field of geography, its basic research themes and approaches and its dual contributions to both natural science and social science education. Content will blend physical and human geography to demonstrate interaction patterns and issues between man and the natural environment from a global perspective. *Every semester.*

- GEO 2060 ENVIRONMENTAL PROBLEMS 3 cr**  
 Study of the earth's major environmental systems and the modifications to them brought about by man. Problem analysis will emphasize human impacts upon air, coastlines, soils, vegetation, and water. *Spring, even years.*
- GEO 2070 NORTH AMERICA 3 cr**  
 A regional-cultural approach to the study of the North American landscape, and its cultural evolution; the variety and diversity of its cultural elements and forms; and the patterns of livelihood of its peoples. *Fall, odd years.*
- GEO 2150 CULTURAL GEOGRAPHY 3 cr**  
 An introductory examination of world patterns of culture and cultural change. Spatial perspectives on such elements as language, religion, folk and popular culture, politics, industrialization and urbanization. *Every semester.*
- GEO 2210 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (also listed as SCI 2210) 3 cr**  
 This course is designed to introduce students to the basic concepts of modern geographic information systems (GIS). The class will consist of lectures, discussions, readings, demonstrations, and hands-on training exercises using ESRI's ArcView software. This will give students experience in defining spatial problems and solutions, organizing and locating geographic data, manipulating data for display, and map creation and use of a desktop GIS. Students will be expected to use what they have learned to develop a final ArcView project. Lab fee \$60. *Periodically.*
- GEO 2910 INDEPENDENT STUDY 1-3 cr**  
 Available by arrangement with the instructor and department chair. A student-faculty contract must be executed prior to registration. Signed contract required at time of registration.
- GEO 3010 GLOBALIZATION AND WORLD CULTURES 3 cr**  
 Overview and analysis of selected realms of the world, with emphasis on globalization processes and regional cultures. Contemporary cultural, economic, political, environmental, and social issues are considered in regional and global contexts. Regions and sub-regions covered will vary by semester, and will be driven by current events. *Fall, even years*
- GEO 3020 NEW ENGLAND LANDSCAPES 3 cr**  
 A study of the geography of the six New England states, with consideration of the methods and approaches to the analysis of the region's landscapes. Natural, agricultural, settlement, political, ethnic, migratory, cultural, and industrial landscapes are considered, with emphasis on how Vermont landscapes reflect regional cultural trends. *Spring, odd years.*
- GEO 3910 INDEPENDENT STUDY 1-3 cr**  
 Available by arrangement with coordinator. Signed contract required at time of registration.
- GEO 4720 FIELD EXPERIENCE 3-15 cr**  
 Supervised field experience in approved settings may be arranged by a written contract between the student, advisor, and Geography coordinator. Students are expected to have adequate preparation in the discipline of Geography. Signed contract required at time of registration.

GEO 4910                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with the instructor and department chair. A student-faculty contract must be executed prior to registration. Signed contract required at time of registration.

## Geology Courses

*Other relevant courses may found under Chemistry, Geography, Physics, and Science.*

GEY 1010                      EXPLORATIONS IN GEOLOGY                      1 cr  
These are lecture, lab, or seminar courses on selected, introductory-level topics in geology, especially those of interest to non-science majors. The topic for each course will be announced prior to the semester of offering, and the course may be taken more than once for credit. No more than two credits of GEY 1010 may be used to satisfy the minimum geology requirements for BA.GEY majors. *Periodically.*

GEY 1030                      DYNAMIC EARTH                      4 cr  
This is an introductory geology course which examines the geological features of the earth and the processes that operate in the interior and on the surface of the earth which are responsible for their formation. Topics studied include volcanos, earthquakes, mountain building, plate tectonics, glaciers, minerals, rocks, streams and groundwater. Also covered are the techniques and methods geologists use to learn more about the earth. *Lecture and lab. Lab fee \$40. Fall.*

GEY 1040                      ENVIRONMENTAL GEOLOGY                      4 cr  
Geologic problems involving people, earth resources and the environment will be examined. Topics will include geologic hazards, pollution, global climate change, and earth resources and their associated environmental impact. This course stresses reading comprehension and writing. *Lecture and lab. Lab fee \$40. Fall, even years.*

GEY 1050                      THE EARTH THROUGH TIME                      4 cr  
This is an introductory geology course that examines the evolution of the earth, and the life on the earth, from 4.6 billion years ago to the present. We will develop the foundation necessary to understand the evidence and clues geologists use to interpret earth history. *Spring, even years.*

GEY 2010                      MINERALOGY                      4 cr  
This course includes basic identification of rocks and minerals and microscopic study of minerals. Minerals will be studied in hand specimen and microscopically. Rocks will be studied in hand specimen. The formation of both minerals and rocks will be covered. *Lecture and lab. Prerequisite: GEY 1030 and CHE 1031 or consent of instructor. Lab fee \$40. Fall, odd years.*

GEY 2020                      SEDIMENTOLOGY AND STRATIGRAPHY                      4 cr  
Interpretation of sedimentary processes and depositional environments through the study of sedimentary rocks and their characteristics is the focus of this course. Identification of siliciclastic and carbonate sedimentary rocks, and recognition of textural features and sedimentary structures, along with vertical and lateral variation in lithology, provides the necessary data to interpret past environments of deposition, and how those environments have changed through time. The physical and chemical processes involved in weathering and diagenesis will be studied. *Prerequisite: GEY 1030 or GEY 1050, and CHE 1031 or consent of instructor. Lab fee \$40. Fall, even years.*

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GEY 2030                      FIELD MAPPING    1 cr

An introductory field mapping course for students considering a geology major, and a prerequisite for summer field camp. This course will be conducted almost entirely outdoors, familiarizing students with geologic structures and stratigraphy in the field and how to map them. Use of the Brunton compass and other tools will be stressed. *Prerequisite: GEY 1030 or GEY 1050. Fall, even years.*

GEY 2310                      GEOLOGY OF COSTA RICA    4 cr

This is a field-based course designed to introduce the student to the varied geology of Costa Rica. We will use observation, experimentation, and a review of the literature to learn about volcanoes and the products and hazards of volcanic eruptions, coastal processes, earthquakes (their causes and associated hazards), soil development, land use, and other environmental issues. *Prerequisite: One 1000 level Geology course, preferably GEY 1030. Periodically, summer.*

GEY 2510                      GEOLOGY LABORATORY TEACHING ASSISTANT    1 cr

The student will assist the laboratory instructor with lab preparation and clean-up, will assist students in the laboratory, and may be asked to maintain a journal or complete some other form of reflective writing. May be taken more than once for credit.

GEY 2810                      INTERNSHIP IN GEOLOGY    1-12 cr

Signed contract required at time of registration.

GEY 2900                      INDEPENDENT STUDY    1-3 cr

The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. Number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 prior credits in BIO, CHE, GEY, or PHY.*

GEY 3010                      IGNEOUS AND METAMORPHIC PETROLOGY    4 cr

This course includes understanding the genesis of igneous rocks (intrusive and volcanic) and metamorphic rocks, including plate tectonic settings, mechanisms of magma production and rock metamorphism, and rock and mineral identification. Lecture and lab. *Prerequisite: GEY 1030, GEY 2010, CHE 1031 or equivalent, or permission of instructor. Lab fee \$40. Spring, even years.*

GEY 3030                      GEOCHEMISTRY    3 cr

This course is designed to show the application of chemical principles to the study of geology. Topics covered include aqueous geochemistry, activity-concentration relations, carbonate equilibria, pH-fO<sub>2</sub> diagrams, isotope systems, and the application of geochemistry to solving environmental problems. *Prerequisites: CHE 1031, CHE 1032, and GEY 1030. Spring, even years.*

GEY 3050                      STRUCTURAL GEOLOGY    4 cr

The origin and development of structural features of the earth's crust, folding, faulting, volcanism, metamorphism. Lecture and lab or field experience. Lab fee \$40. *Prerequisite: GEY 1030 or consent of instructor. Spring, odd years.*

GEY 3110                      HYDROGEOLOGY    4 cr

This is an applied hydrogeology course with lecture, laboratory and field experience. Course material will include the hydrologic cycle, ground water, wells, water quality/contamination and

flow modeling. Lecture and lab. *Prerequisite: GEY 1030, GEY 1050 or consent of the instructor. Lab fee \$40. Fall, odd years.*

**GEY 3710 TOPICS IN GEOLOGY 1 cr**  
This course is for advanced geology students interested in learning more about a special topic in geology. Examples of topics: ore deposits, oceanography, glaciation, and isotope systems in geology. Lab fee \$10. *Prerequisite: Two GEY courses or consent of instructor. May be repeated for credit. Periodically.*

**GEY 3810 INTERNSHIP IN GEOLOGY 1-12 cr**  
Signed contract required at time of registration.

**GEY 3910 INDEPENDENT STUDY 1-3 cr**  
The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. Number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the Department Chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 prior credits in BIO, CHE, GEY, or PHY.*

**GEY 4020 REGIONAL GEOLOGY 4 cr**  
Through lecture, lab and extensive field trips, the geology of Vermont, the Appalachians and the regional geology of North America is studied. Eastern and western mountains will be compared. Lecture and lab. Lab fee \$40. *Prerequisite: Two courses in Geology. Fall, even years.*

**GEY 4810 INTERNSHIP IN GEOLOGY 1-12 cr**  
Signed contract required at time of registration.

**GEY 4900 INDEPENDENT STUDY 1-3 cr**  
The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. Number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract required at time of registration. *Prerequisite: At least 16 prior credits in BIO, CHE, GEY, or PHY.*

## History Courses

*Other relevant courses may be found under Economics, Geography, and Political Science.*

**HIS 1010 ROOTS: HISTORICAL PERSPECTIVES ON GLOBAL PROBLEMS AND ISSUES 3 cr**  
This course explores the historical roots of current global problems and issues such as terrorism, religious fundamentalism, environmental degradation, species extinction, racism, genocide, global warming, new technology, famine, AIDS, unemployment, war, poverty, disease, and other human rights issues. Both recent and more distant historical factors will be studied in order to understand why these problems exist, how they may be changing, and what an informed citizen



can do to help alleviate them. Students will 1) read and discuss a variety of news and other sources of information, interpretations, and commentaries; 2) examine the uses and abuses of historical analysis; and 3) demonstrate, in a culminating individual project, how historical perspective and analysis can suggest causes of, and humane remedies for, a particular global problem or issue. This course will, whenever possible, incorporate service-learning components in order to help students and faculty meet the goals of the course. *Every semester.*

### HIS 1111 WORLD HISTORY I 3 cr

An introduction to the world's major civilizations: Ancient Mediterranean (Egypt, Mesopotamia, Palestine, Greece, Rome); European; South Asian (India, Pakistan and Bangladesh), East Asian (China, Korea and Japan), African; Islamic and Mesoamerican, from their origins to the time of the global expansion of European civilization. *Every semester.*

### HIS 1112 WORLD HISTORY II 3 cr

The continuing development of the world's major civilizations: European/American, South Asian (India, Pakistan and Bangladesh); East Asian (China, Korea and Japan); African and Islamic from the time of European global expansion to the present, with particular attention given to the problems and challenges of globalization. *Every semester.*

### HIS 1210 SURVEY OF U.S. HISTORY 3 cr

This course provides a comprehensive overview of the social, cultural, political, economic, and diplomatic history of the United States from the arrival of the Native Americans to the present. *Every semester.*

### HIS 2070 VERMONT HISTORY 3 cr

Vermont has a long history of interaction between Abenaki and Mohawk, French and English, New England and New York. This course examines economic, political, cultural, and environmental themes in the history of Vermont with a special focus on what makes this region unique. *Spring, even years.*

### HIS 2201 E PLURIBUS UNUM: THE U.S. FROM 1607-1815 3 cr

The metamorphosis of the United States from the thirteen fledgling colonies into one strong, unified nation. Among the topics explored during this fascinating period are the influence of the Puritans, the French & Indian War, the origins of slavery, the American Revolution, the Constitution, the emergence of parties, Jeffersonian democracy, and the War of 1812. *Fall, odd years.*

### HIS 2202 THE UNION TORN ASUNDER: THE U.S. FROM 1815-1877 3 cr

The history of the U.S. during the momentous years from the "era of good feelings" through Reconstruction. A number of crucial phenomena will be examined, including urbanization, industrialization, class formation, manifest destiny, Jacksonian democracy, the trail of tears, sectionalism, abolitionism, feminism, utopianism, religion, the Mexican-American War, the road to secession, and the Civil War. *Spring, even years.*

### HIS 2203 REACTION AND REFORM: THE U.S. FROM 1877-1939 3 cr

The history of the U.S. from the Gilded Age to the New Deal, a turbulent era that witnessed—among other things—the wild west, unionization, the Populists, Teddy Roosevelt, the Spanish-American War, progressivism, feminism, the Great War, the Roaring Twenties, eugenics, the Great Depression, and FDR. The course emphasizes such themes as the emergence of the U.S. as a world power, the increased role of the federal government, and above all, the ebb and flow of reform and reaction. *Fall, even years.*

**HIS 2204 THE SUPERPOWER: THE U.S. FROM 1940-2000 3 cr**  
 American history during the tumultuous years from the outbreak of World War II to the present, emphasizing the role of the U.S. abroad in the Cold War and the ongoing struggles by the American people at home for social justice. Some of the topics that we will cover are WWII, McCarthyism, the Korean War, the Fifties, Camelot, the Great Society, the Vietnam War, the Civil Rights Movement, the Sixties, Women's Liberation, Watergate, the New Right, the impeachment of President Clinton, and the rise and fall of liberalism. *Spring, odd years.*

**HIS 2260 ASIA IN THE WORLD 3 cr**  
 Contemporary discussions of globalization often lack historical and regional perspective. This course provides just that: an examination of the economic, religious, diplomatic, military and cultural relationships among and between Asians and the rest of the world from ca. 600 to the present time. Focus on India, China, Japan, Vietnam, Indonesia, the Philippines and Pakistan. We will address imperial domination and revolutionary resistance, economic and ethnic nationalism, current dynamics, and the role of historical memory, as in the legacy of World War II. *Spring.*

**HIS 2280 EUROPE'S RISE, FALL, AND REAWAKENING 3 cr**  
 This course surveys the history of Europe, from its ancient origins to its current reunification and role as a major force in world history. Particular attention will be paid to its formation following the decline of the Roman Empire in the West; its theocratic experiment as Christendom; its Crusading wars, Renaissance, overseas expansion, revolutions in economics, politics, religion, education, science and the arts that gave birth to the modern world. *Fall.*

**HIS 2290 THE EUROPEAN RENAISSANCE: ORIGINS AND GLOBAL IMPACTS 3 cr**  
 An examination of one of the most important turning points in history, when revolutions in European thought, science, technology, economics, religion, politics, society and social values gave birth to modern Western civilization, global history, and continuing crises for the world's civilizations. *Spring, odd years.*

**HIS 2295 THE FRENCH REVOLUTION 3 cr**  
 An examination of the French Revolution of 1789, the modern democratic revolution that profoundly changed not only French society but also transformed Europe and gave birth to modern nationalism and continuing movements for social-political reform and revolution. *Spring, even years.*

**HIS 2410 HISTORY AND CULTURE OF LATIN AMERICA 3 cr**  
 The pre-Columbian Indian cultures of the New World; the Spanish and Portuguese conquest and colonial empires; the political and cultural divergence that followed independence; the economic and social problems of the Latin American republics and the course of their relations with the United States. *Fall.*

**HIS 2431 AFRICAN HISTORY BEFORE 1885 3 cr**  
 An introduction to the richness of African history before its wholesale colonization by Europeans. This course explores societies across the continent, including ancient Egypt, Nubia, Ethiopia, Ghana, Mali, Kongo, Zimbabwe, the Zulu kingdom, and the trading city states of the Swahili coast, as well as smaller stateless societies. We explore the role of long-distance trade in shaping the political, economic, social and cultural history of African societies, including the trans-Saharan, Indian Ocean and transatlantic trade. The course begins with ancient Egypt and ends with the abolition of the transatlantic slave trade, and the beginnings of European colonization, *Fall.*

**HIS 2432                      AFRICAN HISTORY AFTER 1885                      3 cr**

After 1885, European colonization changed the political map and history of Africa; postcolonial governments continue to struggle with this and other legacies of colonialism, while facing new challenges. Using documentary and feature film, novels, memoirs and scholarly texts, this course provides an introduction to the history of colonial and post-colonial Africa.

**HIS 2530                      WOMEN IN HISTORY                      3 cr**

An examination of the role of women in the history of Western and other major world civilizations such as India, China, Africa and Islam. The course will conclude with an analysis of the historical origins and development of the modern feminist movement. *Spring, odd years.*

**HIS 2810, 3810              INTERNSHIP IN HISTORY                      3 cr**

By arrangement with the coordinator of the history program. See pages 13-15. *Signed contract required at time of registration. Variable credit.*

**HIS 2910                      INDEPENDENT STUDY                      3 cr**

Provides the exceptionally curious and motivated student the opportunity to explore on an introductory level an aspect of historical study that is not offered by the courses listed in the college catalogue. Students need to arrange with an appropriate history faculty member a student-faculty independent study contract prior to registration. *Every semester*

**HIS 3015                      INTERMARRIAGE IN THE U.S.: RACE, SEX, AND POWER  
IN A MULTICULTURAL SOCIETY                      3 cr**

An overview of the historical evolution of intermarriage and sexual relations among the various racial and ethnic groups comprising the population of the United States, and the myriad ways in which "miscegenation" has affected the national cultural of the United States from colonial times to the present. *Fall '08, Fall '11.*

**HIS 3035                      HISTORY OF WOMEN IN THE U.S.                      3 cr**

This course interrogates the social history of women from colonial times to the present. Among the topics to be explored are witchcraft in colonial America, the rise of the Republican Mother, the Cult of Domesticity, women in the Old South and Wild West, women of color, Victorian sexuality, women's suffrage, flappers, the impact of World War II, the feminine mystique, the sexual revolution, and the status of women in the U.S. today. *Fall '09, Fall '12.*

**HIS 3045                      THE EVOLUTION OF WHITENESS                      3 cr**

Contemporary U.S. society employs a pentagonal classification system when categorizing individuals on the basis of race: white/black/brown/yellow/red. But this has not always been the case. As late as the early twentieth century, for example, most people assumed that there were dozens (if not hundreds) of races, and it was generally felt that groups like the Irish, the Jews, and the Italians did not belong to the "white" race. The aim of this course is to explore the historical evolution, and social construction, of the white race in the U.S., and trace the process by which various ethnic groups were granted, or demanded, entry into that privileged caste. *Spring '10, Spring '13.*

**HIS 3055                      FROM SAMBO TO NAT TURNER: THE NATURE OF SLAVERY                      3 cr**

Few subjects have produced so varied a historical literature, or so lively a scholarly debate, as the nature of slavery in the United States. Indeed, from one era to the next, academic books about slavery seem to reflect prevailing popular attitudes about race as much as they describe the actual reality of slavery. This course examines a number of famous works on slavery in an

effort to comprehend what slavery was really like, while at the same time coming to terms with the fact that the “truth” about any historical phenomenon is often contingent on who is writing the history and when they are writing it. *Fall 07, Fall 10.*

**HIS 3065                      HISTORY OF THE NATURE–NURTURE DEBATE                      3 cr**  
Over the past two centuries, the pendulum has consistently swung back and forth between the belief that heredity is the crucial factor determining human behavior and the belief that environment has a preponderant effect on human personality. This course traces the mercurial history of the nature-nurture debate, in order to reveal its effect on public policy and its influence on the way Americans today think about such matters as race, intelligence, poverty, and gender. *Spring 08, Spring 11.*

**HIS 3130                      THE CIVIL WAR AND RECONSTRUCTION                      3 cr**  
The Era of the Civil War and Reconstruction represents one of the most important periods in US history. Four million African Americans gained freedom from bondage, 600,000 soldiers perished in the nation’s bloodiest war, and the 13th, 14th, and 15th amendments to the constitution redefined the nature of American citizenship. This upper-division course will explore the war and its aftermath by discussing the period’s most important themes, reading the work of distinguished authors, and examining documents left by participants. Topics for consideration will include the ebb and flow of military campaigns, the northern and southern home fronts, the politics of war and peace, and the impact of the war on black and white Americans in the North and in the South. *Spring, odd years.*

**HIS 3170                      ENVIRONMENTAL HISTORY:  
THE U.S. CONSERVATION MOVEMENT                      3 cr**  
Employing the premise that we can learn a great deal about both history and the environment by studying the two together, this course explores the shifting attitudes toward nature held by Americans as the United States expanded across the continent. We will become familiar with the seminal works and activities of the nation’s leading conservationists, and thereby trace the history of the movement as it evolved through the stages of conservationism, preservationism, and environmentalism. *Spring ’09, Spring ’12.*

**HIS 3210                      SOCIAL HISTORY OF LATIN AMERICA                      3 cr**  
This course is designed to explore various issues in the social history of Latin America. Topics will include race and ethnic relations, labor, gender, rural society, and class as presented in the journal literature, therefore reflecting much of the latest research on these topics. *Spring, even years.*

**HIS 3220                      REVOLUTIONS IN LATIN AMERICA                      3 cr**  
This course examines the role revolutionary violence played in establishing a modern Atlantic world based on the idea of the liberal nation-state. We will take as our guiding assumption that liberation movements in Latin America played a key role in that process, but we will at times consider the critical influence of revolutions in North America and Europe on events in Latin America. We will especially consider the roles of nationalism, Marxism, and anti-colonialism in providing models for revolutionary violence. *Spring, even years.*

**HIS 3355                      THE ENLIGHTENMENT: RADICAL THINKERS STILL  
CHANGING THE WORLD?                      3 cr**  
What is Happiness? Truth? Peace? Freedom? Justice? How might they be pursued? Related? Attained? This course critically examines the writings of major 18th-century European philosophers (such as Voltaire, Montesquieu, Beccaria, Rousseau, Smith, Condorcet, and Kant) who

questioned prevailing authorities and beliefs and posited new ideas that laid the foundations for modern theories of science, religion, education, law, politics, economics, history, society, and human nature. Conducted as a discussion-based seminar with attention to historical origins, context, effects and significance in the contemporary world. *Fall*.

**HIS 3460                      HISTORY OF AFRICAN POLITICAL THOUGHT                      3 cr**

This discussion-based course examines classics in modern African political philosophy written in colonial and post-colonial contexts. The canon stretches across the entire African continent. We examine writing on the nature of colonialism and race in colonial contexts, from Franz Fanon in the north to Steve Biko in the south. The post-colonial project is explored through the writings of politicians such as Kwame Nkrumah or Julius Nyerere, and novelists like Ngugi wa Thiongo. Postcolonial critiques include the development of African feminism, and we will read key writers such as Amina Mama and Ifi Amadiume. *Every 3 years, spring 09*.

**HIS 3463                      REPRESENTING AFRICA THROUGH WESTERN EYES                      3 cr**

This course explores the history of change and continuity in western representations of Africa from Herodotus through Hegel, via transatlantic slavery and abolition movements, scientific racism, Pan-Africanism and the Anti-Apartheid Movement to the current news media, documentaries, novels and Hollywood movies. *Fall 07, 10*.

**HIS 3464                      REPRESENTING AFRICA THROUGH AFRICAN EYES                      3 cr**

How have Africans represented “Africa” to those on other continents, as well as within the continent of Africa itself? This course explores ways in which Africans have interacted with, responded to, and initiated conversations with others across the globe. We will explore African representations of Africa from the colonial era, through the Cold War to post-colonial global contexts. Our conversation will range from political and economic critiques through cultural presentations in music, film and tourism. No prerequisites, but your understanding will be deepened if you have taken HIS 3430 (Representing Africa through Western Eyes). *Spring 08,11*.

**HIS 3465                      APARTHEID SOUTH AFRICA                      3 cr**

This course will examine the political history of apartheid (1948 – 1994). We explore the roots of racial segregation and anti-racist protest from the late 19th century, from the discoveries of diamonds and gold, the South African (“Anglo-Boer”) War and the formation of the Union of South Africa (1910). The growth of segregation in the following decades is explored, but the focus of the course is after the imposition of apartheid in 1948. We trace the development of different forms of resistance to mounting state repression. The history of apartheid is examined in three periods: the establishment of apartheid and non-violent defiance politics (1948 – 1960); the Sharpeville Massacre, massive state repression and the move to armed struggle (1960 – 1976); “Soweto” and the dismantling of apartheid (1976 – 1994). *Fall 06, 09*.

**HIS 3470                      MODERN AFRICAN HISTORY: TEXTS IN CONTEXT                      3 cr**

The history of colonial rule in Africa is often thought of as “what Europe did to Africa”. Here we are interested in African perspectives of colonial and post-colonial events and processes. We examine how African writers – of all shades of skin color - have viewed and reviewed their history, under colonial rule and in neo- and postcolonial contexts. After we have established the context of colonial rule, we explore a wide range of literature across the continent, including novels and more formal historical and political critiques. Some of these texts were produced under colonialism, and others were written later. They all reflect in fascinating ways on modern African history, from the inside. *Spring odd years*.

**HIS 3475                      WOMEN AND GENDER IN AFRICAN HISTORY                      3 cr**

This course examines the changing roles of both women and gender in African history, from pre-colonial through postcolonial societies. Using case studies from different eras and regions, the course explores political, social and economic change, and includes a discussion of sexualities and of African feminist critiques of western feminism. *07, 10.*

**HIS 3510                      CHINESE HISTORY AND CULTURE                      3 cr**

An introductory survey of Chinese history and culture from early China to today. Topics will include images of China in the West; art, language, literature, and beliefs; the evolution of traditional social roles and identities; the rise of the imperial state and problems of empire; Western imperialism; major movements for reform and revolution; the status of women; the cultural revolution; democracy and the roles of intellectuals and artists; and China's international interests today and over time. *Fall.*

**HIS 3520                      JAPANESE HISTORY AND CULTURE                      3 cr**

An introductory survey of Japanese culture and history from ancient times to today, including the foundations and evolution of the Japanese state; the role of Shinto, Buddhism and other belief systems in society and politics; the significance of Chinese influence; rise of the samurai and the philosophy of bushido; the "floating world" of urban Japanese culture; imperial restoration and problems of empire; WWII and the U.S. occupation; and economic competitiveness and Japan's international interests. *Spring.*

**HIS 3560                      THEORIES AND PRACTICE IN HISTORY AND  
SOCIAL STUDIES                      3 cr**

This course is open to any student interested in knowing how historians and social scientists have tried to discover the meaning of human events, both contemporaneously and retrospectively. Why, for example, do historians and social scientists interpret the same events differently? How are the studies of history and the various social sciences similar in some ways, but different in others--and why does this matter? To what extent can historians and social scientists be objective? Such questions will be explored and discussed by sampling selected works, focusing particularly on the critical role that theory plays in historical and social science research. During the latter quarter of the course students will be assisted in devising their Senior Seminar projects. *This course is required for all History and Social Studies majors; and is a prerequisite for HIS 4770. Fall.*

**HIS 3570                      HISTORY, MEMORY AND WAR                      3 cr**

This course focuses on three of America's wars with Asia (World War II in the Pacific; the Korean War, and the Vietnam War), and provides an opportunity for each student to undertake a research project on a war of his or her choosing. The course takes a cultural and comparative approach to history and memory. We examine the public history controversies surrounding the representation and interpretation of wars, and we analyze the social, political, and personal interplay of history, collective memory, and national consciousness by comparing Asian, European, and American experiences. *Fall, odd years.*

**HIS 3580                      DEMOCRATIC REVOLUTION AS WORLD-WIDE EXPERIENCE                      3 cr**

Comparative analysis of the following selected popular political revolutions waged in the name of democracy; 17th-century English, 18th-century American and French, 19th-century European and American, and 20th-century Russian and Chinese. *Fall, even years.*

**HIS 3720 TOPICS IN ASIAN HISTORY 3 cr**

This course introduces Asian history by focusing on topics that reflect current events and student interests. Topics will change from year to year, therefore, and may include, for example, the democracy movement in China; Asia through film and fiction; the cultural revolution and beyond; modern Chinese cultural critique; women in Asia, the body in Asia as a site of culture and history; and the struggle for democracy and economic growth in East Asia. This course may be repeated for credit as topics change. *Fall, even years.*

**HIS 3910 INDEPENDENT STUDY 3 cr**

Provides the exceptionally curious and motivated student the opportunity to explore in greater depth an aspect of a history course already taken. Students need to arrange with an appropriate history faculty member a student-faculty independent study contract prior to registration.

**HIS 4770 HISTORY/SOCIAL STUDIES SENIOR SEMINAR 3 cr**

This capstone seminar is both a Speaking and Writing Intensive course that is required of all students majoring in either History or Social Studies; but is open to any student who wishes to develop expertise in locating, evaluating, and interpreting the significance of primary and secondary sources pertaining to topics of particular interest and needs. The course is conducted as a seminar, with emphasis placed on working together with the professor and all class members in preparing a culminating project for public presentation to the campus community. *Prerequisite: Majoring in History, or Social Studies, or Social Science Major-By-Contract, or Multidisciplinary Studies; or by consent of instructor, and HIS 3560. Fall.*

**HIS 4910 INDEPENDENT STUDY 3 cr**

Provides the exceptionally curious and motivated student the opportunity to explore in greater depth any aspect of historical study. The study must culminate in a major research paper based on both primary and secondary sources. Students need to arrange with an appropriate history faculty member a student-faculty independent study contract prior to registration.

**History Cross Listings:**

ECO 1010 ECONOMICS AND SOCIETY  
ECO 2120 U.S. ECONOMIC HISTORY

## Liberal Arts Courses

**INT 1051 SOUNDINGS I:  
AN INTRODUCTION TO THE LIBERAL ARTS, PART I 1 cr**

The student experiences the richness and vitality of the liberal arts through lectures, plays, recitals, poetry readings, dance performances, and other campus-sponsored cultural and intellectual activities during the year. Requires \$50 course fee. *Fall.*

**INT 1052 SOUNDINGS II: AN INTRODUCTION TO THE  
LIBERAL ARTS, PART II 1 cr**

A continuation of INT 1051. Requires \$50 course fee. Spring. NOTE: Both Soundings courses must be taken during the student's first year at Castleton. Consequently, a student may not drop Soundings unless, in the judgement of the teachers of Soundings, he or she has a very serious reason such as substantial personal hardship or prolonged illness. *Spring.*

**INT 4740 NEW STUDENT SEMINAR PRACTICUM**

1 cr

This course provides an opportunity for students to learn techniques for facilitating small group discussions and practice those skills during orientation and FYS (First-Year Seminar) program.

## **Mathematics Courses**

**MAT 0190****MATHEMATICS SKILLS LAB**

1 cr

Required of all students whose test scores indicate weakness in basic mathematical skills. The operations of arithmetic and elementary algebra are developed through problems and examples. Credit for this course does not count toward diploma requirements. *Prerequisite: Concurrent enrollment in MAT 1010 and consent of the mathematics department. Offered on a limited basis in consultation with department chair.*

**MAT 1010****ESSENTIAL MATHEMATICS**

2 cr

Mathematical analysis and problem solving based on arithmetic and elementary algebra. The course requirements include writing and problem solving assignments. This course may not be used to fulfill the mathematics core requirement. *Prerequisite: Concurrent enrollment in MAT 0190 and consent of the mathematics department. Offered on a limited basis in consultation with department chair.*

**MAT 1020****INTERMEDIATE ALGEBRA**

3 cr

This course prepares students for the study of precalculus. A brief review of the fundamentals of algebra, equations and inequalities, exponents, and radicals. Functions and graphs, systems of equations, and polynomial, rational, and exponential functions. *Every semester.*

**MAT 1221****FINITE MATHEMATICS**

3 cr

An introductory problem-solving course with applications from biology, behavioral science, social science, business and finance. Coordinate systems and graphs, functions, linear programming, matrices and linear systems, game theory, and probability. Not open for credit to mathematics majors. *Every semester.*

**MAT 1320****PRECALCULUS**

3 cr

This course is designed to prepare students for the study of calculus. Emphasis is placed on the study of functions, including polynomial, rational, exponential, logarithmic and trigonometric functions. This course utilizes technology (graphing calculators and/or the internet) on a regular basis. *Every semester.*

**MAT 1530****APPLIED CALCULUS**

3 cr

An introduction to calculus intended primarily for students in business, science, and the social sciences. Topics include functions, limits, continuity, differentiation, applications of derivatives, antiderivatives, definite integral and the Fundamental Theorem of Calculus. This course utilizes technology (graphing calculators and/or the internet) on a regular basis. *Prerequisite: MAT 1320 or equivalent. Spring.*

**MAT 1531****CALCULUS I**

4 cr

Review of elementary analytic geometry. Exploration of functions, limits, and continuity using tabular, graphical, and analytic approaches. Study of the derivative, rates of change, tangent lines, slope, and applications, including optimization. Antiderivatives, integration and the Fundamental



Theorems of Calculus. Elementary integration techniques, area, and volume. This course utilizes technology graphing calculators and/or the internet on a regular basis. *Prerequisite: MAT 1320 or equivalent. Every semester.*

**MAT 2021                      STATISTICS I    3 cr**

This course prepares students for quantitative methods in their respective fields. Descriptive and inferential statistics, including estimation, hypothesis testing, and linear regression and correlation. *Every semester.*

**MAT 2022                      STATISTICS II    3 cr**

A continuation of MAT 2021 including estimation, hypothesis testing, linear regression and correlation, analysis of variance, analysis of enumerative data and nonparametric statistics. *Prerequisite: MAT 2021. Every semester.*

**MAT 2532                      CALCULUS II    4 cr**

Continuation of Calculus I, with topics to include techniques of integration, inverse trigonometric functions, volume, L'Hopital's rule and limits at infinity, improper integrals, sequences, series of constants, power series and Taylor polynomials, plane curves and parametric equations, polar coordinates and graphs, and vectors, lines, and planes in 2 and 3 dimensions. Optional topics: cylindrical and spherical coordinates, arc length and surface area, conic sections. This course utilizes technology (graphing calculators and/or the internet) on a regular basis. *Prerequisite: MAT 1531. Every semester.*

**MAT 2533                      CALCULUS III    4 cr**

Continuation of Calculus II, with topics to include vector-valued functions, differentiation, integration, tangent vectors and velocity, functions of several variables, limits and continuity, partial derivatives, directional derivative and gradients, extreme values and applications, iterated integrals and area, double integrals and volume, line and surface integrals, and Gauss's, Green's, and Stoke's Theorems. This course utilizes technology (graphing calculators and/or the internet) on a regular basis. *Prerequisite: MAT 2532. Spring.*

**MAT 2550                      MATHEMATICS: A CULTURAL PERSPECTIVE    3 cr**

This course explores the many ways that mathematics influences and is influenced by the culture of which it is a part. While mathematics in present-day Western society is usually associated with science and technical fields, mathematical ideas in other cultural groups may arise as strongly through storytelling and myth, art, music, philosophy, or the structure of marriage rules. *Prerequisite: MAT 1020 or consent of instructor. Spring, even years.*

**MAT 2810                      INTERNSHIP IN MATHEMATICS    1-12 cr**

Signed contract required at time of registration.

**MAT 2900                      INDEPENDENT STUDY    1-3 cr**

Open on a limited basis. A personal interview with the Mathematics Department faculty is required prior to registration. Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

**MAT 3020                      MATHEMATICS FOR ELEMENTARY TEACHERS    4 cr**

This course will focus on achieving goals set forth in Vermont's Framework of Standards and Learning Opportunities and the Standards of the National Council of Teachers of Mathematics (NCTM), while strengthening the mathematical knowledge of the prospective elementary school



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**MAT 3910 INDEPENDENT FOREIGN STUDY IN MATHEMATICS**

Registration by permission of department chair only. Signed contract required at time of registration. Credits to be arranged.

**MAT 4010 DESIGN OF EXPERIMENTS 3 cr**

Analysis of Variance techniques, basic experimental designs, complete and incomplete blocking, and factorial designs. *Prerequisite: MAT 2022 or MAT 3230. Marketing Majors should elect this course after BUS 4030. Fall. Offered on a limited basis in consultation with department chair.*

**MAT 4020 APPLIED LINEAR REGRESSION 3 cr**

Linear and multiple regression models. Least squares estimates, correlation, and prediction. Discriminate analysis, factor analysis, and cluster analysis. *Prerequisite: MAT 1531, MAT 3250. Spring. Offered on a limited basis in consultation with department chair.*

**MAT 4110 ADVANCED CALCULUS 3 cr**

Implicit-function theorems, transformations and mappings, vectors and vector fields, differential calculus of vector-valued functions. *Prerequisite: MAT 2533 and MAT 3410. Fall, odd years.*

**MAT 4120 NUMERICAL ANALYSIS 3 cr**

Numerical computation techniques for solving non-linear and transcendental equations including Newton's method, bisection method, and secant method. Numerical solutions to polynomials, including synthetic division. Numerical interpolation, approximation, integration, and numerical solutions to ordinary differential equations. *Prerequisites: MAT 3210, MAT 3310 or consent of instructor. Periodically. Offered on a limited basis in consultation with the department chair.*

**MAT 4130 ABSTRACT ALGEBRA 3 cr**

Topics from the theory of groups, rings, and fields leading up to Galois theory. *Prerequisite: MAT 2533, MAT 3210 and MAT 3410, or consent of instructor. Spring, odd years.*

**MAT 4140 GEOMETRY 3 cr**

The foundations of Euclidean geometry and an introduction to hyperbolic geometry. The historical and philosophical implications of the discovery of non-Euclidean geometry are examined as well as the contributions of Gauss, Hilbert, Saccheri, Bolyai, Lobachevsky and others. *Prerequisite: MAT 3410. Spring, even years.*

**MAT 4210 TEACHERS AS RESEARCHERS 2 cr**

This course is intended for pre-service teachers who are seeking to increase their understanding of mathematics. The course uses data collection and analysis to guide improvement in K-6 mathematics programs. The student will build on the knowledge gained in MAT 3020 to obtain a deeper understanding of mathematics as related to NCTM and the Vermont Framework guidelines. In this course, students will function as researchers by gathering data and analyzing data, as means of improving the curriculum and instruction in K-6 mathematics programs. As researchers, students are encouraged to ask questions, pose problems, and identify means of solving problems by using different strategies. Emphasis will be on student-centered instructional approach, with ample use of manipulatives and technology. *Prerequisites: MAT 3020 and EDU 3330 or consent of instructor.*

**MAT 4710 TOPICS IN MATHEMATICS 1-3 cr**

Advanced topics in mathematics offered on a rotating basis. Examples of topics include: complex analysis, topology, Galois theory, number theory. *Prerequisites: MAT 2533, MAT 3410, or consent of the instructor. Fall.*

**MAT 4720**                      **SENIOR SEMINAR**                      1-3 cr  
An undergraduate research seminar. Students spend the first half of the semester studying and presenting undergraduate research in mathematics. In the second half, students investigate their own topic, prepare a written report, and present their research. *Prerequisites: Math major, senior standing, or consent of the instructor. Fall.*

**MAT 4810**                      **INTERNSHIP IN MATHEMATICS**                      1-12 cr  
Signed contract required at time of registration.

**MAT 4900**                      **INDEPENDENT STUDY**                      1-3 cr  
Open on a limited basis only and ordinarily restricted to students with upper-level standing. A personal interview with the Mathematics Department faculty is required prior to registration. Hours by arrangement. *Prerequisite: Consent of department chair.* NOTE: Computer related courses require payment of a materials charge.

## Music Courses

**MUS 1010**                      **MUSIC APPRECIATION**                      3 cr  
A listening course in which the student is introduced to the various elements of music such as melody, rhythm, and harmony. Emphasis is placed on the music of Bach, Mozart, Beethoven, Brahms, and Stravinsky, etc. No previous training required. *Every semester.*

**MUS 1020**                      **CONCERTS FROM CASTLETON**                      3 cr  
A traveling music appreciation course that takes advantage of Castleton's proximity to first-class summer music festivals. Seminars/lectures are held before and after each performance for the purpose of introducing the music and sharing reactions. Each student writes a review of each concert, and class meeting times may vary to accommodate the concert schedule. Fee for tickets and transportation. *Summer only*

**MUS 1030**                      **MUSIC FUNDAMENTALS**                      3 cr  
An introductory course designed to develop skills in note reading and an understanding of such elements as key signatures, chord construction, and intervals. Much in-class time is spent performing. *Fee \$20. Every semester.*

**MUS 1040**                      **STRING ENSEMBLE**                      1 cr  
An ensemble for all varieties of stringed instruments. Many different styles of music are performed. Members who are interested will be encouraged to make musical arrangements for the group. *Prerequisite: Some ability to read music. Every semester.*

**MUS 1041**                      **CLASS PIANO I**                      2 cr  
The student is introduced to the basic elements of playing the piano. Note reading and improvisation are studied through traditional melodies and simple chord accompaniments. *Fee \$10. Every semester.*

**MUS 1042**                      **CLASS PIANO II**                      2 cr  
Playing simple melodies in all keys, with more elaborate improvised accompaniments; playing simple piano pieces. Course is also designed to develop the student's ability to sight-read a four part hymn. *Prerequisite: MUS 1041 or consent of instructor. Fee \$10. Spring.*

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MUS 1080                      GLOBAL MUSIC    3 cr

This course is a study of the world's musical cultures. The course is designed for music, music education, and non-music majors looking to develop an understanding of music in our global era. *Fall*.

MUS 1090                      FOUNDATIONS OF MUSIC EDUCATION    3 cr

Students will receive an overview of the history of music education both globally and nationally, the leading music learning theorists, and explore issues specific to music education including music assessment, classroom management in an ensemble setting, multiculturalism in music, and music advocacy. This course is a prerequisite for participation in the music department's lab-school program. *Spring*.

MUS 1091                      SIGHT SINGING AND EAR TRAINING I    3 cr

Intensive study in the area of sight singing/ear training. *Prerequisite: Consent of instructor. Fee \$10. Fall*.

MUS 1092                      SIGHT SINGING AND EAR TRAINING II    3 cr

More intensive work in sight singing and ear training, especially altered tones and modulation. *Prerequisite: MUS 1091 or consent of instructor. Fee \$10. Spring*.

MUS 1210                      CHORUS: COLLEGIATE CHORALE    0-1 cr

As one of Castleton's oldest traditions, The Castleton Chorale is comprised of music majors, minors, and non-majors. Chorus activities may include several concerts a year, a weekend choir retreat, and a regional or European tour. In addition, the chorus regularly combines with a community choir and orchestra to perform works of a larger scale, such as *Carmina Burana*, Mozart's *Requiem*, and Brahms' *A German Requiem*. May be repeated for credit. Variable credit. *Fee \$25. Every semester*.

MUS 1220                      WIND ENSEMBLE    0-1 cr

Students rehearse and perform music for woodwinds, brass, and percussion from the Renaissance through the Twentieth Century. May be repeated for credit. Variable credit. *Fee \$25. Every semester*.

MUS 1230                      JAZZ BAND    0-1 cr

Study and performance of jazz music. May be repeated for credit. Variable credit. *Fee \$25. Every semester*.

MUS 1231                      MUSIC THEORY I    3 cr

The student is introduced to rhythm exercises, harmony (analysis, written, keyboard), elementary composition, and sight singing. Writing and performance (vocal and keyboard) skills are developed throughout the semester. Designed for students who wish to increase their understanding of the materials of music. *Prerequisite: MUS 1030 or consent of instructor. Fee \$10. Fall*.

MUS 1232                      MUSIC THEORY II    3 cr

More advanced exercises in the study of rhythm, harmony (secondary dominants and modulation), sight singing and ear training (harmonic as well as melodic dictation). *Prerequisite: MUS 1231 or consent of instructor. Fee \$10. Spring*.

MUS 1240-1470                      APPLIED MUSIC    1 cr

The purpose of Applied Music is to prepare students for either a performance career, mastery of an instrument in preparation for teaching, or advanced graduate study in music. In addition to the practice and preparation required for weekly lessons, students are required to attend recitals and concerts spon-



## MUS 2052 CONDUCTING II 3 cr

A further development of the student's conducting skills, including the experience of conducting a major choral or instrumental ensemble. *Prerequisite: MUS 2051 or consent of instructor. Spring, odd years.*

## MUS 2101 INSTRUMENTAL TECHNIQUES I 3 cr

This course is designed to develop the ability to teach and model correct playing fundamentals to beginning musicians. Four instrumental families are covered in a two semester sequence. The first semester covers woodwind and percussion instruments. Students will rent instruments as arranged through the instructor. *Fee \$30. Fall, even years.*

## MUS 2102 INSTRUMENTAL TECHNIQUES II 3 cr

This course is designed to develop the ability to teach and model correct playing fundamentals to beginning musicians. Four instrumental families are covered in a two semester sequence. The second semester covers brass and string instruments. Students will rent instruments as arranged through the instructor. *Fee \$30. Spring, odd years.*

MUS 2110	VOCAL PEDAGOGY	2 cr
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Tone production, breathing, diction, intonation, and similar vocal problems are explored. *Spring, even years.*

## MUS 2120 STRING INSTRUMENT TEACHING METHODS 2 cr

Basic techniques of violin, viola, cello and double bass. Selection and presentation of teaching materials. Prerequisites: MUS 1231 or concurrent enrollment. Spring, Even Years

MUS 2130	WOODWIND INSTRUMENT TEACHING METHODS	2 cr
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Description: Basic techniques of flute, oboe, clarinet, saxophone and bassoon. Selection and presentation of teaching materials. *Prerequisites: MUS 1231 or concurrent enrollment. Fall, Odd Years.*

## MUS 2140 BRASS INSTRUMENT TEACHING METHODS 2 cr

Description: Basic techniques of trumpet, horn, trombone and tuba. Selection and presentation of teaching materials. *Prerequisites:* MUS 1231 or concurrent enrollment. Spring, Odd Years.

MUS 2240	PERCUSSION INSTRUMENT TEACHING METHODS	2 cr
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Basic techniques of snare drum, tympani, mallet instruments and other instruments of the percussion battery. Selection and presentation of teaching materials. Prerequisites: MUS 1231 or concurrent enrollment. Fall. Even Years

MUS 2313	MUSIC THEORY III	3 cr
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More intensive exercises in part-writing, composition and counterpoint. *Prerequisite:* MUS 1231 and 1232 or consent of instructor. *Fee \$10. Fall.*

## MUS 2314 MUSIC THEORY IV 3 cr

Intensive study of chromatic harmony and Twentieth Century composition techniques. *Prerequisites: MUS 1231, MUS 1232, MUS 2313 or consent of instructor. Spring.*

## MUS 3010 STUDIES IN MUSIC 3 cr

A course of changing content: an intensive study of a particular composer (e.g., Mozart, Beethoven, Stravinsky), era (Baroque, Romantic, Contemporary), genre (jazz, computer music, film music)

or other topic in the field of music as announced in the course schedule. May be repeated for credit with consent of department chair.

MUS 3070 COLLEGIUM MUSICUM 3 cr

The student researches, compiles, rehearses, and performs at least one semi-public concert during the semester. The student is given experience in estimating ability of available musicians, recruiting the musicians, and performing the music. *Prerequisite: Consent of the Music Department.*

MUS 3165 METHODS OF TEACHING ELEMENTARY MUSIC 3 cr

The purpose of this course is to develop teaching skills necessary for working in both performance based and non-performance based elementary school learning environments. Content standards and activities that are age- appropriate for elementary students will be explored. Requires a minimum of 15 hours of field observation, study and participation. *Prerequisite: MUS 1090 Foundations of Music Education or permission of instructor. Spring, odd years.*

MUS 3166 METHODS OF TEACHING SECONDARY MUSIC 3 cr

The purpose of this course is to develop teaching skills necessary for working in both performance based and non-performance based learning environments. Content standards and activities that are age- appropriate for secondary students will be explored. Requires a minimum of 15 hours of field observation, study and participation. *Prerequisite: MUS 1090 Foundations of Music Education or permission of instructor. Spring, even years.*

MUS 3250 ASSESSMENT OF MUSICAL EXPERIENCES 3 cr

This course addresses the unique issues involved in the assessment of general music, choral, and instrumental programs. Students will focus on the assessment of learners as performers, creators, and responders. Specific areas of study will include aural skills testing, auditioning, ensemble adjudication, written measures of assessment, and MENC National Standards for Music Education. *Prerequisite: Methods of Teaching Elementary Music (MUS 33165), or Methods of Teaching Secondary Music (MUS 3265), or permission of instructor. Fall, odd years.*

MUS 3900 INDEPENDENT FOREIGN STUDY IN MUSIC

Registration by permission of department chair only. Signed contract required at time of registration. Credits to be arranged.

MUS 4610 SEMINAR IN TEACHING MUSIC 1 cr

The seminar prepares the music student for the student teaching experience, supports the student during the experience, and introduces or reviews competencies associated with the role of the professional music educator. Preparation of the teacher licensure portfolio is emphasized. Pass/No Pass. *Prerequisites: Taken concurrently with student teaching. Every semester.*

MUS 4720 SENIOR RECITAL 3 cr

A capstone course in which the student synthesizes and publicly demonstrates the knowledge and skills acquired throughout the student's undergraduate study of music. This event will include a public presentation of representative literature in the student's primary applied area, a public lecture discussing this literature, and designing the program booklet and writing scholarly program notes. *Prerequisite: Fulfillment of all requirements outlined in the Music Department Handbook. Consent of department chair.*



- MUS 4740 SENIOR SEMINAR 2 cr  
Directed study or research in music, leading to a public lecture or presentation. May be taken concurrently with MUS 3070. *Prerequisite: Fulfillment of all other requirements for music majors.*
- MUS 4810 ORCHESTRAL INTERNSHIP 1-3 cr  
Practical experience with an orchestra or other large performance group. *Prerequisite: Approval of department and orchestra or performance group. May be repeated for credit. Signed contract required at time of registration.*
- MUS 4900 INDEPENDENT STUDY 1-3 cr  
Hours by arrangement. *Prerequisite: Consent of department chair. May be repeated for credit. Signed contract required at time of registration.*

## Nursing Courses

*Other relevant courses may be found under Biology.*

- NUR 1211 FOUNDATIONS OF NURSING I 6 cr  
Designed for students at the entry level in the Associate in Science nursing curriculum. The focus is the study of individuals throughout the life cycle, with concentration on basic needs and growth and development. The nursing process, and identification of the six basic needs (oxygenation, nutrition, elimination, motor-sensory, psychosocial, and regulatory) are introduced with special emphasis on assessment of patients. Basic nursing interventions which promote health and assist individuals to maintain optimal health are explored. Supervised learning experiences in community agencies are correlated with classroom and college laboratory instruction. The student nurse begins to identify with the three roles of the associate degree nurse. Four class periods and six hours of laboratory weekly. *Co-requisite: BIO 2011. Lab fee \$50. Clinical fee \$40. Testing fee \$37. Fall.*
- NUR 1212 FOUNDATIONS OF NURSING II 7 cr  
Designed for second level nursing students or students who have successfully completed the advanced placement requirements. The focus is on the study of health problems resulting from one or more unmet basic needs, which may impact other basic needs. Emphasis is placed on nursing diagnoses and nursing interventions which will assist the individual to achieve and maintain optimal health. Supervised learning experiences in acute care facilities are correlated with classroom and college laboratory instruction. The student achieves established competencies associated with each of the three roles of the associate degree nurse. Four class periods and 9 hours of laboratory weekly. *Prerequisite: NUR 1211 with a grade of "C" or better, BIO 2011 with a grade of "C" or better. Co-requisite: BIO 2012. Lab fee \$50. Clinical fee \$10. Testing fee \$47. Spring.*
- NUR 2020 ISSUES IN NURSING 2 cr  
A discussion of current concerns and trends in nursing and the historical developments of these issues. Students will submit a paper addressing an issue in nursing; guest speakers and attendance at a Vermont State Board of Nursing meeting are also learning experiences. *Prerequisite: NUR 2111 with a "C" or better. Spring.*
- NUR 2041 COMPONENTS OF NURSING OF CHILDREN AND ADULTS I 3-5 cr  
Designed to increase the understanding of broad pathophysiological and psychosocial concepts necessary for passage of Vermont State Board of Nursing Examinations for R.N. Licensure.

Course is tailored to the needs of the student and is open only to:

1. Graduate nurses who have been unsuccessful candidates for State Board of Nursing Licensure Examinations.
2. Graduate nurses from other countries who have deficiencies (as judged by the Vermont State Board of Nursing) which must be corrected before taking Vermont State Board of Nursing Licensure Examinations.

*Class hours arranged by instructor to meet student needs. Fall.*

NUR 2042                      COMPONENTS OF NURSING OF  
CHILDREN AND ADULTS II (Continuation of 2041)                      3-5 cr  
Class hours arranged by instructor to meet student needs. Spring.

NUR 2111                      NURSING OF CHILDREN AND ADULTS I                      9 cr  
Designed for third level nursing students or students who have successfully completed the advanced placement requirements. The focus is on the study of acute health problems which result when the ability to meet one or more basic needs is severely compromised. Increasingly complex nursing interventions which promote, maintain and restore health are explored. Emphasis is placed on the need for the nurse to set priorities of care. The student develops and implements short-range teaching plans to support and restore health. Guided learning experiences in an acute care facility, including the specialty care units, are combined service-learning experience in community agencies, and with classroom and college lab instruction. Five class periods, 12 hours laboratory. *Prerequisite: Completion of NUR 1212 with a grade of "C" or better and completion of BIO 2012 with a grade of "C" or better. Co-requisite: BIO 2125. Lab fee \$50. Clinical fee \$40. Fall.*

NUR 2112                      NURSING OF CHILDREN AND ADULTS II                      10 cr  
Designed for fourth level nursing students. The focus is on the study of chronic health problems which interfere with multiple basic needs and have wide ramifications for the individual and significant others. Emphasis is placed on implementation and evaluation of nursing interventions. Nursing interventions which promote, maintain, and restore health are planned based on nursing goals developed in collaboration with a professional nurse. Long range teaching plans are also developed in conjunction with health care team members. The role of the associate degree nurse as a manager of care is expanded through a planned team leader experience. A Capstone Clinical Experience at the end of the semester provides the student with an opportunity to perform nursing skills in an environment that fosters greater independent functioning. Guided learning experiences in acute care facilities, and service-learning experiences in community agencies are correlated with classroom or college laboratory instruction. Upon completion of the course and related general education requirements the graduate is able to assume the three interrelated roles of the associate degree nurse on entry into nursing practice. The graduate is eligible to write the National Council Licensure Exam - RN. Five class periods, 15 hours laboratory. *Prerequisite: NUR 2111 with a "C" or better. Lab fee \$50. Clinical fee \$10. Testing fee \$47. Spring.*

## Outdoor Educational Recreation

*Other relevant courses may be found under Physical Education.*

OER 1170	ICE CLIMBING	1 cr
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The student will be exposed to the equipment, climbing safety and basic techniques of climbing. The course requires the student to be available for at least two weekend days to be determined by the instructor. Fee \$75. *Periodically.*

## OER 1180 INTRODUCTION TO TELEMAR SKIING 1 cr

The student will be exposed to the equipment and technique used in telemark skiing. This course meets at Pico ski area. Equipment is supplied. Fee \$150. *Periodically.*

## OER 1211 ADVENTURE EDUCATION – LOW ELEMENTS 2 cr

The Project Adventure Model-An interrelated and sequential approach to adventure education for the physical education class or any classroom environment. Students will learn cooperative warm ups, non-traditional games, trust activities, problem solving initiative, and will include involvement in a low ropes challenge course. *Prerequisite: PED 1150 or permission of instructor. Fee \$15. Spring.*

## OER 1212 ADVENTURE EDUCATION – HIGH ELEMENTS 2 cr

The Project Adventure Model-An interrelated and sequential approach to adventure education for the physical education class or any classroom environment. Students will review some cooperative warm ups, non-traditional games, trust activities and problem solving initiatives. Majority of the class will include involvement in low and high ropes challenge course and related material i.e. knot tying, belaying, safety, etc. *Prerequisite: OER 1211. Fee \$15. Fall.*

OER 2060                      ADVANCED WILDERNESS FIRST AID                      3 cr

This course provides essential information for developing first aid skills while in the wilderness. Students receive an Advanced Wilderness First Aid certification from SOLO and an American Heart Association Adult CPR certification. *Fall.*

## OER 2170 PRIMITIVE SURVIVAL SKILL 2 cr

The course is designed to investigate northeastern wilderness environments and the relation to the modern adventurer, minimalist, or nature enthusiast. The course will abandon the technical rhetoric of modern adventure and delve into the lost art of the self-sufficient backcountry wisdom. Included is the study of the psychology of wilderness living and survival, primitive fire building, wilderness food preparation, emergency hunting and trapping, edible plant gathering and preparing, cordage weaving, shelter construction, water purveying and filtration etc. The class will combine lecture with hands on instruction. The class requires a three day primitive skill “walkabout” in the remote regions of the Green Mountains and a 24 hour solo experience. *Fall*

## Physical Education Courses

*Other relevant courses may be found under Allied Health Sciences.*

PED 1150                    FOUNDATIONS OF PHYSICAL EDUCATION                    3 cr  
An introduction to the profession of physical education. Discussions of history, philosophy and ethics, career opportunities, physical education in today's world, recreation, and athletics are included. *Every semester.*

PED 1280                    PICKLEBALL                    1 cr  
Pickleball is a sport similar to tennis played inside on a gymnasium floor. The dimensions of the court are the same as for badminton. It is a fast and exciting game that is physically challenging. *Periodically.*

PED 1310                    PILATES                    1 cr  
An updated approach to the body conditioning system developed by the late Joseph H. Pilates. The exercises combine breath and controlled, precision movement to build core strength and stability. Taught in the Stott Pilates Style. *Periodically.*

PED 1350                    INTRODUCTION TO SPORTS ADMINISTRATION                    3 cr  
This course is an investigation into the relationships, philosophies, goals, and missions within the administration of athletic, recreation, and physical education programs. Areas of study include the history and evolution of sports management, current trends in the profession, career options and professional development, and an introduction to topical areas such as fund-raising, management, marketing, media outlets and the economics of sport. There is also a significant portion of class dedicated to service-learning, in which students will partner with a community organization to provide administrative services. *Every semester.*

PED 2020                    TEACHING GAMES AND MOVEMENT                    1 cr  
Students will explore teaching methods and the purpose for playing games in the elementary and secondary environment. Simulated lesson plans will students to understand and refine their teaching skills and knowledge about the use of developmentally-appropriate games. *Prerequisite: PED 2410.*

PED 2072                    ADVANCED STRENGTH AND CONDITIONING                    1 cr  
This activity course is offered for individuals who have already achieved a high level of physical fitness but wish to participate in strength and conditioning activities to push themselves to an even higher level of fitness. The class will feature a variety of activities including speed and agility drills, strength training, circuits and cardiovascular training. It is recommended that each individual enter the course at a good level of fitness. *Fall (X), Spring (Y)*

PED 2090                    PRINCIPLES AND PRACTICES OF COACHING                    3 cr  
An introduction to the basic principles and practices of coaching to include the administration and organization of athletic programs. Emphasis is placed on methods of organizing and planning practices and games, evaluating and fitting equipment, budgeting, facilities, coaching responsibilities, legal issues and ethics. An investigation into the medical aspects of sports will be discussed with emphasis into conditioning techniques, injury prevention and treatment of athletic injury prevention. *Spring.*

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**PED 2120 PSYCHO-SOCIAL ASPECTS OF PHYSICAL ACTIVITY 3 cr**  
Examines the psychological and sociological frameworks of sport and physical activity for participants at all levels. Includes topics such as motivation, performance enhancement, group dynamics, aggression and socio-cultural influences. *Every semester.*

**PED 2140 FITNESS CENTER MANAGEMENT 3 cr**  
This course is designed to explore and analyze current management practices in public, private, and corporate fitness centers. Topics to be considered include assessment practices, facility design, planning marketing, organizational aspects, and evaluation. Additionally, a review of certifications through various professional organizations and job opportunities will be discussed. *Prerequisite: current CPR certification or permission of the instructor. Fall.*

**PED 2155 PROFESSIONAL RESCUER ESSENTIALS 1 cr**  
This course is designed to give the student, who is currently certified as a Professional Rescuer, advanced skills including AED and Oxygen Therapy. Both lecture and laboratory environments will be utilized. *Fall.*

**PED 2160 EMERGENCY CARE AND PERSONAL SAFETY 3 cr**  
Emergency Care is an American Red Cross Emergency Response Course based on the U.S. Department of Transportation (DOT) 1995 First Responder: National Standards Curriculum. This course will provide the participant essential information for developing the functional first aid capabilities of a first responder. As a crucial link in the EMS system, first responders evaluate and treat patients until more advanced medical help can arrive. This course does not provide state licensure for ambulance personnel. *Fee \$15. Every semester.*

**PED 2180 COACHING SOCCER 3 cr**  
This course investigates the fundamental principles and techniques of coaching soccer. Included within the context of the course, the student will learn correct techniques for coaching skills, developing practices, scouting reports, game plans, conditioning programs, and budgets. The student will also learn rules and nomenclature of soccer, refereeing systems, team management techniques, and preparation of statistics. This course is an NSCAA Regional Diploma course. *Fee \$60. Fall.*

**PED 2190 PRINCIPLES OF COACHING ICE HOCKEY 3 cr**  
This course will focus on the strategy and theory of coaching ice hockey. The facets of the game discussed will be practice and season planning, appropriate instruction of hockey skills, offensive and defensive tactics, scouting, office and defensive systems, mental training, special teams, goaltending, statistics and coaching professionally. The course will prepare the students to be certified in both Level I (initiation) and 2 (associate) of the USA Hockey Coaching Education Program. *Spring*

**PED 2220 COACHING BASKETBALL 3 cr**  
This course encompasses all aspects of basketball and the variety of philosophies and teaching methods that can be used. The rules of the game, different offensive and defensive strategies, organization of a program and the positive and negative aspects of the coaching profession will be topics of study. *Fall.*

**PED 2240 COACHING BASEBALL 3 cr**  
This course investigates the fundamental principles and techniques of coaching baseball. Included within the context of the course, the student will learn correct techniques for coaching

skills, developing practices, game plans, conditioning programs, and budgets. The student will also learn rules and nomenclature of baseball, team management techniques, and preparation of statistics. *Periodically.*

**PED 2320                    MOTOR LEARNING                    3 cr**

This course is designed to present information concerning the fundamental principles and concepts in the acquisition and refinement of motor skills/abilities. The learning and performance of motor skills become cornerstones from which concepts, processes, and strategies are built. The course provides the students with a basic understanding of the discipline and to provide experiences that will enhance their understanding and application of motor learning in a variety of environments. Laboratory sessions are designed to enhance the understanding of the topics covered in lecture. *Periodically.*

**PED 2370                    COMMUNITY HEALTH                    3 cr**

A study of current community and world health issues to include an overview of epidemiology, communicable disease, environmental health, health services and consumerism. *Spring.*

**PED 2410                    CURRICULUM AND INSTRUCTION IN  
PHYSICAL EDUCATION                    3 cr**

Examines the physical education curriculum at the elementary and secondary levels; emphasizes strategies for planning effective instruction; explores teaching and learning styles; analyzes effective behavior management; and examines safety and liability. *Prerequisites: PED 2420. Spring.*

**PED 2420                    INTRODUCTION TO TEACHING PHYSICAL EDUCATION                    3 cr**

This course gives students the opportunity to discover the science and art of teaching. Students, through a field-based experience, will observe and reflect upon the act of learning in physical education at the elementary, and/or secondary levels. The lecture portion of this course will include a study of the historical, social, and philosophical foundations of contemporary education and an examination of current educational trends and programs. Areas of study include teaching as a career, school laws, governance of schools, equitable learning, school problems, basic teaching strategies, development of an educational philosophy, and an introduction to state and national standards for students and teachers. Students will complete a minimum of 30 hours in a supervised classroom setting that involves direct observation and participation. Observation tools will be used in public school settings to help students recognize factors and skills related to teaching effectiveness. This field experience is designed to examine and describe the teacher's role, school climate, and learner behavior. A law enforcement background check completed at the student's expense may be required. Personal transportation is required. *Fall.*

**PED 2470                    SEMINAR IN SPORTS ADMINISTRATION                    2 cr**

This course will investigate current issues in the Sports Administration field and will provide an opportunity for students to have a supervised field experience in Sports Administration consisting of a minimum of 100 hours. *Prerequisites: PED 1350 and Sophomore standing. Every semester.*

**PED 2810                    INTERNSHIP IN PHYSICAL EDUCATION**

See section on Individualized Educational Experiences (page 13). *Prerequisite: Permission of department chair. Signed contract required at time of registration.*

**PED 2910                    INDEPENDENT STUDY IN PHYSICAL EDUCATION  
AND ATHLETICS                    1-3 cr**

Hours by arrangement. *Prerequisite: Permission of department chair. Signed contract required at time of registration.*

PED 3060 WOMEN'S HEALTH ISSUES 3 cr

This course will explore and analyze current Women's Health Issues. Topics to be considered are: research; and or lack of research related to issues in women's health, medical ethics and women's health; reproductive technology, human sexuality, family planning, euthanasia, consumer health, the right to life, battered women and battered women's syndrome, politics and poverty in women's health issues, the relation of health issues to social issues, teenage pregnancy, drug abuse and alcoholism, nutrition and weight control, emotional health, mental illness, women and ecology, adoption of preventive health behavior, and social change patterns in areas of concern to women's health. *Spring.*

PED 3070 METHODS OF TEACHING ELEMENTARY  
PHYSICAL EDUCATION 3 cr

Principles and methods of physical education for grades K-6 are presented. Skill themes, movement concepts, and developmentally appropriate standards-based lesson and unit planning are emphasized. Laboratory experiences will involve microteaching in area schools. *Prerequisites: PED 2420. Fall.*

PED 3110 ADAPTED PHYSICAL EDUCATION 3 cr

Examines inclusion of children with disabilities in the physical education class. P.L. 94-142 and other legal mandates will be a major focus of the course. A practicum experience outside of class is included. *Spring.*

PED 3120 MEASUREMENT AND EVALUATION IN  
PHYSICAL EDUCATION 3 cr

This course is designed to apply principles of measurement and evaluation to teaching physical education. A special emphasis will be placed on test construction, selection and administration. Additionally the student will be presented with various assessment tools in the psychomotor, cognitive, and affective domains used in physical education. *Spring.*

PED 3130 ATHLETIC FACILITY AND EVENT MANAGEMENT 3 cr

This course examines the processes of planning, constructing, equipping, and maintaining athletic facilities. The multi-faceted nature of event planning, organizing and management is thoroughly examined in a variety of athletic and recreation settings. *Prerequisites: PED 1350, junior standing. Spring.*

PED 3140 METHODS OF TEACHING SECONDARY  
PHYSICAL EDUCATION 3 cr

Principles and methods of teaching physical education for grades 7-12 are presented. Characteristics of learners, effective teaching techniques, unit and lesson planning, and implementation of lessons are emphasized. Laboratory experiences will involve microteaching in area schools. *Prerequisites: PED 2420, PED 2810, EDU 2010. Spring.*

PED 3150 METHODS OF TEACHING HEALTH EDUCATION 3 cr

This course is designed to provide students with principles, methods, and techniques that may be utilized for health promotion in schools and in community health settings. Students will have the opportunity to analyze fundamental concepts and skills that are essential in the development and success of school health programs. Students will develop different modes of health education presentation and evaluation; a major component of the latter will be the development of creative lesson plan/presentation formats directed at various ages in various settings. *Fall.*

PED 3160                      LEGAL AND ETHICAL PRINCIPLES IN SPORT                      3 cr

This course examines legal and ethical concepts related to sports administration, including participation and eligibility issues; constitutional due process; Title IX and other constitutional amendments; facility, coaching, and employment contracts; and tort law applications to participants and spectators. This course also provides some essential components, concepts, models, and techniques for students to use in managing ethical dilemmas and develop sound ethical practices.

*Prerequisites: PED 1350 or permission of the instructor. Spring.*

PED 3170                      SEMINAR IN SPORTS INFORMATION PRACTICES                      3 cr

This course outlines the fundamentals of communicating in a sports environment in a seminar format. The topics include sports information in print and broadcast news, as well as communication in public relations. Principles of sports information including, computer applications and statistical methods in the collegiate and professional levels will be presented. *Prerequisites: PED 1350 and junior standing. Fall.*

PED 3310                      ANALYSIS OF MOTOR SKILLS                      3 cr

Introduces skill analysis and correction (including feedback); progressions and content analysis; Rink's extensions, refinements and applications; small and large group organization. Developmentally appropriate content is emphasized. *Prerequisites: EDU 2010, PED 2320, PED 2410 (Curriculum and Instruction) and PED 2810. Fall.*

PED 3320                      TEACHING TEAM & INDIVIDUAL MOTOR SKILLS                      3 cr

This course presents the teaching and analysis of motor skill performance using several sport and game topics. Students will learn and apply the principles of planning, progression, extension, refinement, lesson organization, and the application of tactics and strategy to individual and team play. Video analysis and service learning teaching are incorporated into this course. *Lab fee \$20. Prerequisites: PED 2320, PED 2410, PED 2420, Fall.*

PED 3900                      INDEPENDENT STUDY IN PHYSICAL  
EDUCATION AND ATHLETICS                      1-3 cr

Hours by arrangement. *Prerequisite: Consent of the department chair. Signed contract required at time of registration.*

PED 4020                      APPLIED NUTRITION AND WEIGHT CONTROL                      3 cr

Principles of human nutrition, the metabolism of nutrients during rest and exercise modes; the role of carbohydrates, fats, proteins and vitamins during rest and exercise; the role of exercise in the energy balance system for weight control; a study of various fad diets for weight control; and the concepts of overweight and obesity will be studied. An individualized project will be included. *Prerequisite: BIO 2012 or consent of instructor. Spring.*

PED 4030                      ORGANIZATION AND ADMINISTRATION OF  
PHYSICAL EDUCATION AND ATHLETICS                      3 cr

An investigation of the operation and relationship of physical education and athletic programs. Areas of study include budget and finance, equipment and facilities, scheduling, current trends in the professions, intramurals and recreation, career placement, and liability. *Prerequisite: Permission of instructor. Every semester.*

PED 4040                      ECONOMICS OF SPORT                      3 cr

This course will investigate how economic principles apply to the industries of professional, collegiate and amateur sports. The topics include: league structure, team decision making, labor



relations, incentive structures and stadium financing. The course is designed to illustrate how economic principles apply to sport and identify the unique issues to this field. *Prerequisites: PED 1350, ECO 2050, or by permission of instructor, Fall semester.*

**PED 4720 SEMINAR IN TEACHING PHYSICAL EDUCATION 1 cr**

The seminar prepares the student for the student teaching experience, supports the student during the experience, and introduces or reviews competencies associated with the role of the professional educator. Preparation of the teacher licensure portfolio is emphasized. Taken concurrently with PED 4871 and 4872. Pass/No Pass. *Prerequisite: taken concurrently with student teaching. Every semester.*

**PED 4810 INTERNSHIP IN PHYSICAL EDUCATION 1-12 cr**

See section on Individualized Educational Experiences (page 13). *Prerequisite: Permission of department chair. Signed contract required at time of registration.*

**PED 4811 INTERNSHIP IN SPORTS ADMINISTRATION 9 cr**

400 hours of on-site supervised hands-on experience in the Sports Administration field. In addition to the hours, the student will be responsible for close contact with faculty supervisor, proposal writing, debriefing and professional development. *Prerequisite: Permission of instructor. Every semester.*

**PED 4820 FIELD EXPERIENCE 1-3 cr**

An opportunity for the Physical Education Major to have field experience teaching on campus. They will help with the teaching and class management of a skills course. Signed contract required at time of registration.

**PED 4871 DIRECTED STUDENT TEACHING IN PHYSICAL EDUCATION I 6 cr**

This course is an opportunity for the student to teach under the guidance of a qualified cooperating teacher and college supervisor. Students seeking teacher licensure in K-12 Physical Education must apply, qualify, and be admitted to student teaching. Course is taken concurrently with PED 4872 and PED 4720. *Prerequisites: completion of required major courses and GPA, departmental recommendation, professional and intellectual competencies as stated within application requirements.*

**PED 4872 DIRECTED STUDENT TEACHING IN PHYSICAL EDUCATION II 6 cr**

**PED 4900 INDEPENDENT STUDY IN PHYSICAL EDUCATION AND ATHLETICS 1-3 cr**

Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*

**PED 4910 SENIOR THESIS 3 cr**

The course is designed to introduce students to research writing and research development in sports medicine including exercise science and athletic training. The formulation of a research proposal will be the primary emphasis. In addition, students present their proposals orally and in poster format. *Prerequisite: Senior standing and permission of the instructor. Every semester.*

**PED 4920 SENIOR RESEARCH PROJECT** 3 cr  
 This course is designed to complete the research process started in PED 485 Senior Thesis. The student will take the previously developed proposal and bring it to its ultimate conclusion. Inherent in this process is the project's acceptance by the Human Subjects Institutional Review Board, developing an informed consent, data collection, statistical analysis and writing the results, discussion and conclusion of the project. The student will present the project orally and publish the research in the class journal. *Prerequisite: PED 4910 or currently enrolled. Periodically.*

### Life Activity Courses

The following skill and methods activities are open to all students. Activities are each seven weeks for one credit except where noted. (X) indicates that the course will run the first half of the semester, (Y) indicates the course will run the second half of the semester.

OER 1131 ROCK CLIMBING, <i>Fall (X), Spring (Y)</i>	1 cr
OER 1133 ROCK CLIMBING AND RAPELLEING, <i>Fall (X), Spring (Y)</i>	1 cr
OER 1150 WINTER RECREATION AND CAMPING, <i>Spring. Full Semester*</i>	2 cr
OER 1210 ORIENTEERING AND CAMPING SKILLS, <i>Fall. Full Semester*</i>	2 cr
PED 1040 ARCHERY, <i>Fall (X)</i>	1 cr
PED 1060 WATER SAFETY INSTRUCTION, <i>Spring. Full semester</i>	2 cr
PED 1140 YOGA, <i>Frequently</i>	1 cr
PED 1160 TENNIS, <i>Fall (X), Spring (Y)*</i>	1 cr
PED 1170 JOGGING, <i>Fall (X), Spring (Y)</i>	1 cr
PED 1180 GOLF, <i>Fall (X), Spring (Y)*</i>	1 cr
PED 1210 BADMINTON, <i>Fall (X), Spring (Y)*</i>	1 cr
PED 1220 BASKETBALL, <i>Spring (X)</i>	1 cr
PED 1230 SOFTBALL, <i>Spring (X)</i>	1 cr
PED 1240 SOCCER, <i>Fall (X)</i>	1 cr
PED 1250 INDOOR SOCCER, <i>Spring (X)</i>	1 cr
PED 1260 THERAPEUTIC MASSAGE, <i>Periodically</i>	1 cr
PED 1270 MARTIAL ARTS, <i>Fall (X), Spring (Y)</i>	1 cr
PED 2010 BEGINNING SWIMMING, <i>Fall (X), Spring (X)</i>	1 cr
PED 2020 GAMES, <i>Spring (Y)</i>	1 cr
PED 2050 VOLLEYBALL, <i>Fall (X/Y), Spring (X/Y)</i>	1 cr
PED 2070 CONDITIONING, <i>Full Semester</i>	2 cr
PED 2130 HORSEMANSHIP, <i>Fall (X), Spring (Y)*</i>	1 cr
PED 2150 EMERGENCY WATER SAFETY, <i>Spring (X)</i>	1 cr
PED 2170 LIFEGUARDING, <i>Spring. Full Semester</i>	2 cr
PED 2210 PHYSICAL METHODS OF STRESS MANAGEMENT, <i>Fall (X/Y), Spring (X/Y)</i>	1 cr
PED 2230 BEGINNING SCUBA, <i>Periodically*</i>	1 cr
PED 2250 TIMID SWIM, <i>Spring (X)</i>	1 cr
PED 2260 GYMNASTICS/STUNTS AND TUMBLING, <i>Fall (Y)</i>	1 cr
PED 2270 RACQUETBALL, <i>Periodically</i>	1 cr
PED 2350 WHITE WATER RAFTING, <i>Spring (Y)*</i>	1 cr

\*Refers to an additional course fee. Please refer to the *Undergraduate Course Offerings Catalog* for specific fees.

## Philosophy Courses

- PHI 1010                      INTRODUCTION TO PHILOSOPHY                      3 cr**  
 A study of some of the major figures and problems of philosophy. Topics include the mind-body problem, freedom and determinism, the nature of the external world, the existence of God, and the problem of evil. *Every semester.*
- PHI 1030                      INTRODUCTION TO LOGIC                      3 cr**  
 An examination of the principles of good reasoning through a study of categorical logic, truth-functional logic and inductive logic. *Every semester.*
- PHI 1040                      INTRODUCTION TO ETHICS                      3 cr**  
 An examination of the most prominent historical theories about right and wrong and the nature of value. Readings may include extensive selections from Aristotle, Hume, Kant, Mill, Nietzsche, Ayer, and Rawls. Topics will include metaethics, ethical absolutism, ethical nihilism, ethical relativism, utilitarianism, and formalism. *Fall.*
- PHI 2010                      COMPARATIVE RELIGIONS                      3 cr**  
 This course is a study of several major religions, to include Hinduism, Buddhism, Judaism, Christianity, Islam, and some African and Native American religious traditions. The philosophies of Taoism and Confucianism will also be considered. Special attention will be given to ideas about the divine or spirituality, the nature of reality, human nature, and the proper life for humans. *Prerequisite: Previous course in Philosophy or consent of instructor. Periodically, Fall 2007.*
- PHI 2060                      BUSINESS ETHICS                      3 cr**  
 An examination of current ethical problems regarding business. The course includes a survey of theories of economic justice with particular attention to the economic systems of socialism and capitalism and an investigation of moral problems regarding hiring, firing, reverse discrimination, employer and employee rights and responsibilities, truth in advertising, responsibilities to the environment, and the responsibilities of multi-national conglomerates. *Periodically, Spring 2007.*
- PHI 2740                      SELECTED TOPICS IN PHILOSOPHY                      1-3 cr**  
 This course allows faculty and students to pursue subjects in philosophy that are treated briefly, or not at all, in the regular philosophy courses. The specific subject of the course will be announced at registration, as well as whether credits from this course will count toward the philosophy minor. Students may take this course more than once. *Periodically.*
- PHI 3011                      HISTORY OF PHILOSOPHY I                      3 cr**  
 An historical survey of western philosophy from the pre-Socratics to the sixteenth century. Problems and theories in metaphysics, epistemology, ethics, and political philosophy are studied through the writings of the pre-Socratics, Plato, Aristotle, the Stoics and Epicureans, St. Augustine, St. Thomas Aquinas, Bacon, and Hobbes. *Prerequisite: Previous course in Philosophy or consent of the instructor. Periodically, Fall 2008.*
- PHI 3012                      HISTORY OF PHILOSOPHY II                      3 cr**  
 A continuation of PHI 201 from the seventeenth century to the present. Philosophers studied include Spinoza, Descartes, Leibniz, Locke, Berkeley, Hume, Kant, Hegel, Mill, Nietzsche, Marx, James, Russell, and Wittgenstein. *Prerequisite: Previous course in Philosophy or consent of the instructor. Periodically, Spring 2009.*

**PHI 3020 MEDICAL ETHICS 3 cr**

An examination of current ethical problems in the health care field. This course investigates and attempts rational solutions to several ethical problems such as abortion, euthanasia, reproductive technologies, and the rights and responsibilities of patients, doctors, nurses, and social workers and other health care professionals. *Spring*.

**PHI 3040 PHILOSOPHY OF THE MIND 3 cr**

A study of philosophical problems concerning the nature of the mind, including the mind-body problem.

**PHI 3050 PHILOSOPHY OF SCIENCE 3 cr**

Explores the nature of explanations in the physical and social sciences. A central issue will be whether explanations in social science should be modeled after explanations in the physical sciences. *Periodically*.

**PHI 3060 AESTHETICS 3 cr**

An examination of traditional and current theories of the nature of art and aesthetic value. Problems examined are the definition of art, the nature of beauty and aesthetic value, the nature of aesthetic judgments, the relationship between art and morality, and the nature of artistic creativity. *Prerequisite: Previous course in Philosophy or consent of the instructor. Periodically*.

**PHI 3110 METAPHYSICS 3 cr**

An examination of some traditional and current problems in metaphysics. Topics include theories of the nature of reality- materialism, idealism, dualism- the mind-body problem and its current expression in the mind-machine issue, the problem of universals, the nature of causality, and theories of human nature. *Prerequisite: Previous course in Philosophy or consent of the instructor. Periodically*.

**PHI 3160 ENVIRONMENTAL ETHICS 3 cr**

This course is a survey of ethical issues involving humans and the natural environment. Central problems are: Of what moral value is, or what moral responsibilities do humans have toward, the natural world? Animals? Future generations? Are the ethical issues at odds with economic issues? Current ethical theories or movements to be studied include the Land Ethic, Deep Ecology, Biocentrism, and Ecofeminism. *Spring, even years*.

## **Physics Courses**

**PHY 1110 INTRODUCTION TO ASTRONOMY 3 cr**

Planets, stars, and other celestial bodies; the history and methods of astronomy; the theory of relativity; the origin and evolution of the universe. Focuses on scientific procedure, the necessity of rational thinking in problem solving, and the limitations of science. *Periodically*.

**PHY 1140 ASTRONOMY: EXPLORING THE UNIVERSE 4 cr**

An exploration of our Universe, beginning with the creation of the Universe and covering all its parts such as galaxies, stars, black holes, planets, comets, asteroids, and life. Telescopes and space travel, tools used to explore our Universe, will also be covered. The scientific process and the ability to communicate scientific ideas will be emphasized. Lab activities include day and night time observations of the sky. *Lecture and lab. Lab fee \$40. Fall*.

**PHY 1150                      PHYSICS FOR ELEMENTARY TEACHERS                      4 cr**

This course is designed especially for prospective elementary teachers. We will focus on physics and astronomy topics, demonstrations, and activities appropriate for K- 6 students. The material is chosen based on the State of Vermont science education standards. Both mastering the topics and learning how to present them effectively to elementary students will be emphasized. We will also explore the merit and role of science education. *Spring, even.*

**PHY 2110                      PHYSICS I                      4 cr**

An introduction to the concepts and theories of physics with the overall goal of better understanding the world around us. Topics will include forces, motion, energy, and thermal physics. This course is intended for science majors and will emphasize problem solving and applications to other fields such as health sciences, physical education, biology, chemistry, and geology. A weekly laboratory section explores concepts and the role of experimentation in science. Basic calculus will be introduced and used throughout the course. Lecture and lab. *Lab fee \$40. Prerequisite: MAT 1320 (pre-calculus) or a strong background in algebra and trigonometry or permission of the instructor. Fall.*

**PHY 2210                      PHYSICS II                      4 cr**

A continuation of PHY 2110. Topics will include electromagnetism, waves, optics, and various aspects of modern physics. Lecture and lab. *Lab fee \$40. Prerequisite: PHY 2110. Spring.*

**PHY 2810, 3810, 4810 INTERNSHIP IN PHYSICS                      1-12 cr**

Signed contract required at time of registration.

**PHY 2910                      INDEPENDENT STUDY                      1-3 cr**

The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. The number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. *Prerequisite: At least four prior credits in Physics.*

**PHY 4910                      INDEPENDENT STUDY                      1-3 cr**

The student must initiate the application with a written proposal to the instructor with whom the student wishes to work. The number of credits to be earned must be stated. The original proposal, signed by the student and the instructor, must be submitted to the department chair for approval. This process must be completed prior to registration for the semester in which credit is to be earned. Signed contract prior to registration. *Prerequisite: At least eight prior credits in Physics.*

## **Political Science Courses**

*Other relevant courses may be found under Economics, History, and Geography.*

**POS 1020                      AMERICAN POLITICS AND GOVERNMENT                      3 cr**

Various approaches to the study of politics and some of its fundamental issues, such as the authority and function of the state, the rights of the individual and the pursuit of justice, equality, life, liberty, and happiness. Emphasis on American politics and government. *Every semester.*

**POS 1030                      COMPARATIVE POLITICS AND GOVERNMENT                      3 cr**

An introduction to the study of politics by comparing different types of political regimes, with particular attention to the politics and daily lives of their peoples. *Every semester.*

**POS 2040                      INTERNATIONAL RELATIONS                      3 cr**

An examination of relations between the nations and peoples of the world, with attention to the various theoretical attempts to make sense of international relations; conflicting interpretations of the modern nation-state system; the post World War II world; East-West conflict, North-South conflict; the causes of war; and the search for global and economic order. *Prerequisite: Sophomore standing or above or consent of instructor. Spring*

**POS 2210                      POLITICAL IDEOLOGIES                      3 cr**

This course will survey a wide variety of modern and contemporary ideologies, and analyze several in greater depth. These will include Marxism-Communism, Socialism, Liberalism, Capitalism, Libertarianism, Feminism, Nazism-Fascism, Environmentalism, Anarchism, Theocratic Utopianism and several types of Multi-culturalism. *Periodically (Spring 2006).*

**POS 2310                      ENVIRONMENTAL POLITICS                      3 cr**

This course will analyze various aspects of environmental policy making in both the U.S. and internationally. It will begin with various philosophical and ideological perspectives concerning the relationship between man and nature. There will be consideration of how environmental issues interact with various other types of societal goals, particularly economic prosperity, security and freedom. The class will study aspects of the environmental policy process and its outcomes in the U.S. by the use of a number of case studies relevant to particular policy problems (including air and water pollution; biological engineering; and energy). It will also be a consideration of the international regimes to deal with these issues, and the relationship between environmental and economic development issues. *Fall, odd years.*

**POS 2910                      INDEPENDENT STUDY                      1-3 cr**

Available by arrangement with the instructor and department chair. A student-faculty contract must be executed prior to registration. Signed contract required at time of registration.

**POS 3221                      POLITICAL PHILOSOPHY I                      3 cr**

What is justice? the good life? and how can one live a good life? These are among the many questions raised by this course which is taught in a seminar format that encourages student participation, leadership and discussion. Plato's Republic is the main text that is read as a way of contrasting classical and modern political philosophies and seeing with fresh eyes the present human condition and the many questions and problems it poses. *Fall, odd years.*

**POS 3222                      POLITICAL PHILOSOPHY II                      3 cr**

The study of modern political thinkers such as Machiavelli, Hobbes, Locke, Rousseau, Burke, Mill and Marx, in order to understand their influence on current perceptions of the human condition. Attention will also be given to the fundamental disagreement between modern and classical political philosophies as a way by which new perspectives on current political issues may be reached. *Spring, even years.*

**POS 3240                      CASES IN CIVIL LIBERTIES                      3 cr**

This course is an analysis of Supreme Court decisions in the general area of Civil Liberties and Civil Rights, particularly concentrating on the rights of freedom of religion, expression, and assembly; the rights of privacy; and the rights related to equal protection of the laws (such as non-discrimination in voting, employment, education, housing, etc.). We will be employing a combination of the case method (analysis of actual Supreme Court decisions) and a consideration of the political, socio-economic, and cultural context in which the issues are formulated, and decisions are made and implemented. *Prerequisite: POS 1020. Periodically (Spring 2006).*

- POS 3250                      INTERNATIONAL ORGANIZATIONS                      3 cr  
This course will be an analysis of the purposes, structures, and processes of a wide variety of both governmental and non-governmental international organizations, with a particular emphasis on the reasons for the growing significance of such organizations in the contemporary international community. A major focus will be the United Nations and its evolving roles in the post-Cold War era. We will use the issue of the relationship between human rights and national interests as a perspective for organizing our analysis of the development of international organizations as possible alternatives to, or adjuncts of, the sovereign nation state. *Prerequisite: POS 1030 or POS 2040. Periodically (Spring 2005).*
- POS 3260                      MIDDLE EASTERN POLITICS AND GOVERNMENT                      3 cr  
The Middle East has been an important region of the world since the beginning of recorded history. Many of the oldest civilizations arose in this area and made significant contributions to the development of world culture. Today, the region continues to have great significance to the larger world community, culturally, economically, and strategically. This course will be a consideration of the political systems of a number of Middle Eastern and North African nations (from Iraq to Morocco), with special attention not only to the government structures and processes, but also the culture and socio-economic context in which these political systems exist. There will be an emphasis on the dynamic interaction between religious and secular authority, and between tradition and modernity, and how these issues have particularly influenced the development of many of these nations. Fall semester, alternate years. *Fall, odd years.*
- POS 3710                      TOPICS IN POLITICAL SCIENCE                      3 cr  
An in-depth exploration of the major topics in political science and public policy. Topics will be announced prior to each time the course is taught; and described in the registration bulletin. *Prerequisite: Sophomore standing or above; or consent of instructor. Spring, even years.*
- POS 3910                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with the instructor and department chair. A student-faculty contract must be executed prior to registration. Signed contract required at time of registration.
- POS 4010                      US FOREIGN POLICY                      3 cr  
This course will be an analysis of US foreign policy in terms of its historical, and theoretical roots; the institutional policy-making structure; domestic and international influences on policy-making; and enduring and emerging issues. There will be particular emphasis on the impact on US foreign policy of the end of the Cold War, and globalization. The class will consider questions, such as: Is there a "new world order" developing in the twenty-first century? What will be, or should be, the role of the US in this order? What are likely to be the major US foreign policy issues of the next several decades? How will the evolution of the role of international institutions affect US foreign policy goals and strategies? *Spring 2007, every third year.*
- POS 4810                      INTERNSHIP IN POLITICAL SCIENCE                      1-12 cr  
Supervised field experience in approved settings may be arranged by a written contract between the student, advisor, and Political Science coordinator. Students are expected to have adequate preparation in the discipline of Political Science. Signed contract required at time of registration.
- POS 4910                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with the instructor and department chair. A student-faculty contract must be executed prior to registration. Signed contract required at time of registration.

## Psychology Courses

- PSY 1010**                      **INTRODUCTION TO PSYCHOLOGY**                      3 cr  
A survey of a wide variety of topics in psychology. The course objective is to introduce the student to psychological terms, concepts and methods. *Every semester.*
- PSY 1030**                      **PSYCHOLOGY OF CONSCIOUSNESS**                      3 cr  
This course examines various ways that people have constructed the world in which they live. Topics will include sleep, dreams, meditation, biofeedback, hypnosis, false memories, special states of awareness, and attributional styles. *Spring.*
- PSY 1050**                      **HUMAN GROWTH AND DEVELOPMENT**                      3 cr  
A survey of human developmental psychology from the prenatal period to late adulthood. The major focus is on theoretical and practical implications of developmental research for cognitive, personality and social development. Special attention will be given to interactions between maturation and experience. *Spring.*
- PSY 2030**                      **SENSATION AND PERCEPTION**                      3 cr  
An examination of how the five basic senses transform physical energy into psychological experience. Emphasis will be placed upon the physiological mechanisms responsible for sensory experience, along with the perceptual capacities required to organize these sensory experiences into meaningful representations of the world. *Spring.*
- PSY 2040**                      **SOCIAL PSYCHOLOGY**                      3 cr  
Scientific study of interpersonal behavior. Topics typically discussed are attitude change and social influence, aggression and violence, impression formation, group processes, conformity and attraction. *Fall.*
- PSY 2050**                      **BIOPSYCHOLOGY**                      3 cr  
An analysis of the biochemical and neurophysiological basis of human behavior, with special emphasis upon the development and function of the central nervous system. *Fall.*
- PSY 2110**                      **EDUCATIONAL PSYCHOLOGY**                      3 cr  
An examination of the principles and theories of learning as they apply to the developmental changes of the child. Special emphasis will be placed on how the child learns and ways of producing optimal conditions for childhood learning. *Fall.*
- PSY 2150**                      **POLICE PSYCHOLOGY**                      3 cr  
This course introduces psychological theory and practice as it relates to specific problems of police and correctional officers. Topics covered include: crisis intervention, stress and its management, interviewing and interrogation, human relations. *Spring.*
- PSY 2170**                      **DRUGS AND BEHAVIOR**                      3 cr  
An inquiry into the natural functioning of the brain's neurotransmitters and the impact of psychoactive drugs on mood, behavior, cognition, and perception. The major classes of recreational drugs such as stimulants, depressants, opiates, and psychedelics will be explored along with the major classes of medicinal drugs such as anti-psychotics, anti-depressants, and anxiolytics. *Fall.*



- PSY 2210                      APPLIED BEHAVIOR ANALYSIS I                      3 cr  
This is a service-learning course. As such, students will learn the content of the course while engaged in service in local schools. The course examines the principles of operant, respondent, and social learning. Emphasis is directed at the application of these principles toward classroom management, behavior change, and self-control. *Fall*.
- PSY 2212                      APPLIED BEHAVIOR ANALYSIS II                      3 cr  
This is a service-learning course that extends the development of students' knowledge of modern learning theory through application of this theory in local schools. Students increase understanding of course content as they provide service in the community. *Spring*.
- PSY 2230                      INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY                      3 cr  
An introduction to psychology applied to work and organizations. Topics include personnel screening and selection, performance, appraisal, leadership, motivation, job satisfaction and career development. *Fall, odd years*.
- PSY 2810                      INTERNSHIP IN PSYCHOLOGY                      1-12 cr  
Signed contract required at time of registration.
- PSY 2900                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with department chair. Signed contract required at time of registration.
- PSY 3010                      THEORIES OF PERSONALITY                      3 cr  
Examination of individual differences in human behavior. Heavy emphasis is placed on research findings pertaining to the learning, experiential and cognitive factors contributing to personality development. *Spring*.
- PSY 3040                      COGNITIVE PSYCHOLOGY                      3 cr  
Examines research on topics central to cognitive science: perception, attention, memory, thought and language. A cognitive lab will provide hands-on demonstrations of important experiments in cognitive psychology. *Spring*.
- PSY 3060                      CHILD PSYCHOPATHOLOGY                      3 cr  
An analysis of theory, research and therapy of psychological disorders of children, including early infantile autism, neurophysiological developmental problems, learning difficulties, developmental retardation, juvenile delinquency, and psycho-physiological disorders. *Spring*.
- PSY 3070                      ABNORMAL PSYCHOLOGY                      3 cr  
The description and classification of deviant behaviors. The continuity between normal and varying degrees of maladjustment is stressed. *Fall*.
- PSY 3130                      HEALTH PSYCHOLOGY                      3 cr  
Examination of the biopsychosocial model of health and disease. Topics will include: overviews of behavioral interventions and biofeedback, stress and stress management, pain and pain management, cancer, asthma, weight control and obesity, eating disorders and adherence to medical regimens. *Spring*.
- PSY 3150                      COGNITIVE DEVELOPMENT                      3 cr  
Examines systematic research and theory relating to issues in children's thinking, providing

critical appraisals of Piagetian and information processing approaches to perception, language, memory, intelligence and individual differences in thought due to cognitive style, experience and gender. *Spring, odd years.*

PSY 3151                      PSYCHOLOGICAL RESEARCH I                      4 cr

Introduction to the scientific method as applied to behavior. Emphasis is on the development of scientific attitudes as well as the development of the basic research skills of data collection, analysis and interpretation. *Prerequisite: PSY 1010. Spring.*

PSY 3152                      PSYCHOLOGICAL RESEARCH II                      4 cr

Fosters further development of scientific attitudes and research skills. Student research conducted in PSY 3151 is refined and prepared for publication. *Prerequisite: PSY 3151. Fall.*

PSY 3160                      CRIMINAL BEHAVIOR                      3 cr

An examination of the physiological, cognitive and learning factors involved in criminal behavior from a psychological perspective. *Fall.*

PSY 3220                      JUVENILE DELINQUENCY                      3 cr

A social systems approach to the explanation, treatment and control of delinquent behavior. Research and theory from psychology, sociology and anthropology will be emphasized. *Spring*

PSY 3240                      SOCIAL DEVELOPMENT                      3 cr

Examines systematic research and theory relating to issues in social and personality development, in particular: the development of conceptions of the self, achievement, aggression, altruism and moral development, sex differences and differential effects of familial and extra familial influences. *Spring, even years.*

PSY 3810                      INTERNSHIP IN PSYCHOLOGY                      1-12 cr

Signed contract required at time of registration.

PSY 3820                      PSYCHOLOGY PROCTORSHIP                      3 cr

Psychology proctors assume responsibility, under supervision, for the progress of students in psychology courses at various levels or serve as a laboratory assistant in an upper level psychology course. *Prerequisite: Permission of the department coordinator of proctorship.*

PSY 3900                      INDEPENDENT STUDY                      1-3 cr

Available by arrangement with department chair. Signed contract required at time of registration.

PSY 4020                      PSYCHOLOGICAL TESTING                      3 cr

Introduction to the theory, development and utility of psychological testing with emphasis on the administration and interpretation of intelligence tests. *Prerequisite: Basic course in statistics or consent of instructor. Spring.*

PSY 4030                      LANGUAGE AND THOUGHT                      3 cr

An examination of the "higher" cognitive capacities of humans and other primates. Topics related to language will include speech production, speech recognition, reading and an analysis of the syntactic skills of children and chimpanzees. Topics related to thought will include planning, decision making, problem solving and reasoning. *Fall.*

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- PSY 4050                      NATURE AND NURTURE                      3 cr  
 This course engages the student in the classic Nature versus Nurture debate in developmental psychology. Students will read classic and contemporary texts and evaluate the relative importance of genetics and environment in the development of children. *Spring*.
- PSY 4060                      PSYCHOLOGY AND LAW                      3 cr  
 Examines psychological theory and research as they relate to the judicial process. Topics covered include insanity, mental competence, eyewitness testimony, and jury decision making. *Prerequisite: PSY 1010. Spring*.
- PSY 4070                      CORRECTIONAL PSYCHOLOGY                      3 cr  
 Examines the prison environment and the effectiveness of punishment, treatment and rehabilitation from a psychological perspective. *Spring*.
- PSY 4120                      HISTORY OF PSYCHOLOGY                      3 cr  
 This course examines the historical trends that have contributed to the growth of psychology. Emphasis is placed upon the current states of the discipline as the context for an examination of historical issues. *Prerequisite: 9 credits in PSY courses. Spring*.
- PSY 4310                      CAREERS IN PSYCHOLOGY                      3 cr  
 A review of career options in psychology. Students will learn job hunting and resume writing skills along with approaches to choosing and applying to graduate programs in psychology. Students will be expected to realistically evaluate their interests, abilities, values, career, and life goals. *Fall*.
- PSY 4320                      ADVANCED RESEARCH                      3 cr  
 This course is designed for students who would like to conduct an intensive research project under the close supervision and guidance of the psychology faculty. Students will be responsible for data collection, analysis, interpretation, and oral presentation at a national or regional research conference. *Spring*.
- PSY 4740                      READINGS IN PSYCHOLOGY                      3 cr  
 Discussions of contemporary readings focusing on construct systems and adaptation to modern society. Representative authors include Tim O'Brien, Loren Eisley, Peter Matthiessen, Carlos Castaneda, Lynn Andrews, J.A. Swan, Jacob Bronowski and Jerome Bruner. *Spring*.
- PSY 4760                      SEMINAR IN PSYCHOLOGY                      3 cr  
 Seminars designed to develop knowledge or skills through intensive readings, discussions, and projects in areas of psychology of special interest to a small group of students. *Prerequisite: PSY 1010*.
- PSY 4810                      INTERNSHIP IN PSYCHOLOGY                      1-12 cr  
*Prerequisite: Permission required. Signed contract required at time of registration.*
- PSY 4900                      INDEPENDENT STUDY                      1-3 cr  
 Available by arrangement with department chair. Signed contract required at time of registration.
- PSY 4915                      SENIOR THESIS                      3 cr  
 This course provides opportunities for advanced work on a topic of the student's choice which will lead to a written thesis. *Prerequisite: permission of the department chair*.

PSY 4920                      HONORS THESIS                      3 cr  
Involves continuing work on the honors student's thesis. *Prerequisite: Acceptance into the Honors program.*

### Science Courses

*Other relevant courses may be found under Biology, Chemistry, Geology, and Physics.*

SCI 1310                      THE HISTORY OF SCIENCE                      3 cr  
Science is not an unchanging subject. Many "facts" of science have been disproved, while other insights have remained unchanged. This course will focus on the scientific achievements of the past and the experiments that have led us to our current understanding. We will look at major themes in the fields of astronomy (from a geocentric to a heliocentric cosmology), physics (the science of mechanics: ancient and modern), chemistry (the atom: from hypothesis to reality), and biology (the discovery of the gene). *Fee \$10. Periodically.*

SCI 2110                      ENERGY AND ENVIRONMENT                      3 cr  
This course examines energy in our lives from the conventional, alternative, futuristic and scientific points of view. We explore solar, fossil fuel, biomass and other sources, and their efficiencies, costs, alternatives and impacts on environment. Field trips include energy generating installations. *Field trip fee \$40. Periodically.*

SCI 2210                      INTRODUCTION TO GEOGRAPHIC INFORMATION                      3 cr  
SYSTEMS (also listed as GEO 2210)  
This course is designed to introduce students to the basic concepts of modern geographic information systems (GIS). The class will consist of lectures, discussions, readings, demonstrations, and hands-on training exercises using ESRI's GIS software. This will give students experience in defining spatial problems and solutions, organizing and locating geographic data, manipulating data for display, and map creation and use of a desktop GIS. Students will be expected to use what they have learned to develop a final GIS project. *Lab fee \$40. Spring, odd years.*

### Social Science Courses

*Other relevant courses may be found under Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, and Social Work.*

SSC 1010                      INTRODUCTION TO THE STUDY OF COMMUNITY                      3 cr  
Characteristic insights of geographers, historians, and sociologists applied to small-scale societies, through first-hand observation on field trips as well as reading and classroom work. Fall.

SSC 2900                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with coordinator. Signed contract required at time of registration.

SSC 4910                      INDEPENDENT STUDY                      1-3 cr  
Available by arrangement with coordinator. Signed contract required at time of registration.

## Social Work Courses

*Other relevant courses may be found under Sociology.*

**SWK 1010                      INTRODUCTION TO HUMAN SERVICES                      3 cr**

An overview of the organization, values, theories and variety of activities of various human service professions, with specific emphasis on Social Work. Designed to acquaint students with the range of human services and to test interest in a helping career.

**SWK 1810                      FIELD COMPONENT                      1 cr**

Pre-professional helping experience in area Social Welfare Program. NOTE: Students with prior human services experience may be exempted from this requirement. See Instructor. *Prerequisite: SWK 1010, or taken concurrently with SWK 1010. Spring.*

**SWK 2011                      HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I                      3 cr**

An examination of the life cycle from a perspective of systems analysis. Studies conception to adolescence focusing on the interrelationships among physiological, psychological, social and cultural systems. Specific emphasis is on the social institutions that affect movement of the individual through the life cycle. *Prerequisite: SOC 1010, PSY 1010. BIO 1010 or BIO 2011 prerequisite or concurrent, or permission of the instructor. Fall.*

**SWK 2012                      HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II                      3 cr**

A continuation of SWK 2011 covering the stages of the life cycle from adolescence through death. In addition, an understanding of the behavioral dynamics of large systems is developed and applied to practical situations. *Prerequisite: SWK 2011 or consent of instructor. Spring.*

**SWK 2020                      FAMILY VIOLENCE                      3 cr**

Analyzes the psychosocial dynamics of families disrupted by domestic violence. Aspects of child abuse, spouse abuse and elder abuse will be covered. Differential social work assessment and intervention will be emphasized. *Spring.*

**SWK 2030                      HUMAN SEXUALITY                      3 cr**

An explanation of contemporary issues, theories and practices from an interdisciplinary perspective. Students will analyze videos and a range of written content with respect to sexual messages and behavior. Aspects of sexual obstacles and conflicts with appropriate modes of intervention will also be highlighted. *Fall.*

**SWK 2040                      DISCRIMINATION IN AMERICAN SOCIETY                      3 cr**

An understanding of the dynamics and American history of prejudice and discrimination in relation to racial and ethnic minorities, women and the aged is developed. Special emphasis placed on issues relevant to Social Welfare. *Prerequisite: SOC 1010 or consent of instructor. Spring.*

**SWK 2050                      INTERVENTION WITH FAMILIES AND CHILDREN                      3 cr**

An introduction to basic strategies and interventions used to help families and children cope with psychosocial/environmental needs, difficulties and problems. Problem areas include child abandonment, sexual and physical abuse, learning difficulties, marital discord, dysfunctional communication, and gang membership. Emphasis is placed upon research and practice outcomes in child welfare settings. *Prerequisite: SWK 1010, or SOC 1010, or PSY 1010, or consent of instructor. Fall.*

**SWK 2060 PSYCHOSOCIAL ASPECTS OF AIDS/HIV 3 cr**  
An analysis of AIDS/HIV as reflected by its sociological and psychological dimensions. Transmission, prevention and intervention as key facets of understanding AIDS/HIV will be emphasized. *Prerequisite: SWK 1010, or SOC 1010, or PSY 1010, or consent of instructor. Spring.*

**SWK 2120 WOMEN'S ISSUES 3 cr**  
The psychological and sociological aspects of being reared female in America will be examined. The ideological base of feminism will be explored from an historical perspective. *Fall, even years.*

**SWK 2130 INTRODUCTION TO THE STUDY OF AGING 3 cr**  
A critical theoretical approach to the study of aging. A life span developmental perspective will frame issues on aging. Students will gain an understanding of the sociological, psychological, biological, and political aspects of aging. Application of knowledge for helping professionals will be emphasized through an interdisciplinary framework. *Fall.*

**SWK 2710 SELECTED TOPICS IN SOCIAL WORK 3 cr**  
Specific topics to be announced in the *Semester Course Offerings*. Course offerings will be determined by student interest and availability of faculty. Specific topics may include: Community Organization, Social Work with Groups, Social Work with the Elderly, Developmental Disabilities, Psychosocial Aspects of AIDS, Rural Social Work, Social Work in Health Care Settings, Radical Social Work, and Child Welfare. No topic may be taken more than once for credit.

**SWK 2810 SOCIAL WORK WITH FAMILIES 3 cr**  
Utilizing a social system perspective, the changing structure of family life will be examined in light of the current technological revolution, special attention will be given to methods of social work interventions with families. *Prerequisite: SWK 1010 or consent of instructor. Spring, odd years.*

**SWK 2900 INDEPENDENT STUDY 1-3 cr**  
Available by arrangement with coordinator. Signed contract required at time of registration.

**SWK 3010 SOCIAL WORK PRACTICE 3 cr**  
The process of social work intervention, including professional values and roles and the development of practice skills. Required of students in the Social Work Program. Student must earn a grade of "C" or better for admission into SWK 4811. *Prerequisite: SWL 1810 or consent of instructor, and SWK 2011. Spring.*

**SWK 3020 HISTORY AND PHILOSOPHY OF SOCIAL WORK 3 cr**  
Provides a theoretical model of professionalization for analyzing social work's historical development. Examines how social work moved from its original altruism to become identified with case work rather than social reform. A critical review of issues central to social policy and social services. *Prerequisite: SOC 1010, SWK 1010, SWK 2011. Taken concurrently with SWK 3010 except with consent of instructor. Spring.*

**SWK 3030 ADVANCED STUDY IN SOCIAL WORK 3 cr**  
Specific topics to be announced in the Course Schedule Catalog. See SWK 2710 for general subject areas and possible topics. No topic may be taken more than once for credit.

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SWK 4010                      SOCIAL WELFARE POLICIES, PROGRAMS AND ISSUES                      3 cr

A critical theoretical approach to social policy development and analysis. Examination of the adequacy of current social welfare programs and services. Emphasis will be placed on value choices, politics, and praxis in the development and implementation of social welfare policy as a response to social problems in American society. *Prerequisite: SWK 2040, SWK 3020. Fall.*

SWK 4020                      INTERVENTIVE METHODS OF SOCIAL WORK PRACTICE                      3 cr

An in-depth study of the beginning and middle phases of the helping process with focus on engagement, assessment, interviewing, and communication skills in work with micro, mezzo, and macro client systems. Theoretical concepts are applied to practice situations and methods for evaluation of practice are explored. Student must earn a grade of "C" or better for admission into SWK 4030. *Prerequisite: "C" or better in SWK 3010 and SWK 3020. SOC 3910 must be taken as a prerequisite or concurrently. Fall.*

SWK 4030                      ADVANCED SOCIAL WORK PRACTICE                      3 cr

Application of professional ethics, knowledge, methods, strategies, and skills in practice with client systems of differing size, complexity, and problem manifestation. Emphasis is placed upon the termination of intervention, student self evaluation, and the demands of different practice settings. *Prerequisite: "C" or better in SWK 4020. Taken concurrently with SWK 4812. Spring.*

SWK 4720                      SOCIAL WORK SEMINAR                      3 cr

This is the final culminating course in the Social Work education experience which integrates material from the whole of the social work curriculum as students prepare to enter practice or graduate school. *Prerequisite: SWK 4020 and 4811. Must be taken concurrently with SWK 4030 and 4812. Spring.*

SWK 4811                      FIELD EXPERIENCE I                      6 cr

Field instruction in area social agencies offering opportunities to acquire skill in social work practice. NOTE: Social Work agreement must be signed prior to taking this course (see p. 91). *Prerequisite: "C" or better in SWK 3010. See eligibility for field instruction in Social Work Program Manual. Two full days a week. Taken concurrently with SWK 4020. Fall.*

SWK 4812                      FIELD EXPERIENCE II                      6 cr

A continuation of SWK 4811. Taken concurrently with SWK 4030. *Prerequisite: "C" or better in SWK 4020 and SWK 4811. Spring.*

SWK 4900                      INDEPENDENT STUDY                      1-3 cr

Available by arrangement with coordinator. Signed contract required at time of registration.

Social Work Cross Listing:

SOC 1030                      SOCIAL PROBLEMS

## Sociology Courses

*Other relevant courses may be found under Anthropology, Criminal Justice, Geography, Psychology, and Social Work.*

**SOC 1010 INTRODUCTION TO SOCIOLOGY 3 cr**  
A systematic introduction to the study of social behavior and social organization. The major conceptual tools of sociology are used to explore the structure, processes, and content of social action; to provide insight into the regularity and diversity of human social behavior. *Every semester.*

**SOC 1030 SOCIAL PROBLEMS 3 cr**  
An examination of such problems as population, pollution, poverty, crime, and racism as they exist in contemporary American society. *Every semester.*

**SOC 2040 RACE, ETHNICITY, CLASS AND GENDER 3 cr**  
An exploration of the historical and contemporary roots for discrimination (especially on the institutional level) on the basis of race, ethnicity, class, and gender. This course examines issues such as culture, identity, and oppression. *Prerequisite: SOC 1010 or consent of instructor. Every semester.*

**SOC 2130 THE COMMUNITY IN AMERICAN SOCIETY 3 cr**  
Examination of the structure and functions of the community within the framework of the rural-urban continuum. Critical analysis of representative institutions, formal and informal associations, and the impact of change on community organizations. *Prerequisite: SOC 1010 or consent of instructor. Fall.*

**SOC 2170 GENDER STUDIES 3 cr**  
This course will provide an examination of the ways in which gender affects the personal and social experiences of women and men. Some of the topics to be addressed are historical perspectives, gender socialization, interpersonal relationships, sexuality and sexual orientation, power dynamics, and the roles performed by women and men in major social institutions. *Fall.*

**SOC 2210 DEVIANT BEHAVIOR 3 cr**  
An examination of theories of etiology and distribution of deviant behavior. *Prerequisite: SOC 1010 or consent of instructor. Spring.*

**SOC 2230 DEATH AND DYING 3 cr**  
An examination of the changing response to death and dying from the personal, familial, instructional, historical and societal perspectives with examination of the development of new attitudes, approaches and programs to deal with the issue. *Spring.*

**SOC 2240 THE CHANGING FAMILY 3 cr**  
The changing structure and functions of the American Family are analyzed from a variety of different perspectives including premarital and marital roles, parent-child interaction, and the termination of the marital relationship. *Prerequisite: SOC 1010 or consent of instructor. Spring.*

**SOC 2900 INDEPENDENT STUDY 1-3 cr**  
Available by arrangement with coordinator. Signed contract required at time of registration.



SOC 3070 MEDICAL SOCIOLOGY AND MENTAL ILLNESS 3 cr

A critical analysis of health, illness, and mental health, environmental and occupational health care systems, the health care work force, social movements, and social change in the field of health and mental health care. *Prerequisite: SOC 1010 or consent of instructor. Fall.*

SOC 3120 SOCIOLOGY OF EDUCATION 3 cr

This course explores the ways in which the educational system reproduces social class through such means as tracking in schools, unequal distribution of funding for schools, and the favoring of certain groups in the classroom and educational system on the basis of such factors as race, ethnicity, and gender. *Prerequisite: SOC 1010 or consent of instructor. Spring.*

SOC 3140 SOCIOLOGY OF POPULAR MUSIC 3 cr

A sociological analysis of the origins, evolution, and place of popular music forms in modern societies, with emphasis on the American experience. Special attention is paid to the dynamic interplay between popular cultural (emergent) and mass cultural (commodified) forms of music—especially soul, jazz, rhythm and blues, rock, punk, reggae, and rap—as well as the social conditions and subcultures from which such music arises. *Prerequisite: SOC 1010 or consent of instructor. Periodically.*

SOC 3150 SPORT AND SOCIETY 3 cr

An examination of current issues in the sociology of sport, focusing on how the institution of sport is a microcosm of society and how it provides insights into a society's national psyche, economic, and political systems, social problems, international relations, and issues of social change. Applying the theories and methods of sociology to the analysis of sport, the course examines the relationship between sport, culture, and society. *Prerequisite: SOC 1010 or consent of instructor. Periodically.*

SOC 3160 ANTHROPOLOGY OF RELIGION 3 cr

This course offers a cross cultural and sociological examination of the function, meaning, and evolutionary significance of religious symbols and practices in human societies. An examination of the origin and evolution of spiritual or supernatural cultures—including animism, magic, witchcraft, myth, and theism—will provide a historical and cross cultural perspective on the varieties of religious experience. *Prerequisite: SOC 1010, or ANT 1010, or consent of instructor. Periodically.*

SOC 3210 CRIMINOLOGY 3 cr

An interdisciplinary study of the causes of crime and criminal behavior, with particular emphasis on sociological perspectives. Classical through contemporary criminological theories will be examined, as well as patterns and varieties of crime. *Prerequisite: SOC 1010 or consent of instructor. Spring.*

SOC 3220 SOCIAL MOVEMENTS OF THE 1960's 3 cr

A study of the significant social movements of this decade of rapid social change. Analysis will be made of how social movements such as civil rights and the Anti-war movement drew upon cultural, intellectual and political currents of the time. *SOC 1010 or consent of instructor. Fall.*

SOC 3310 COMMUNITY ACTION SEMINAR 3 cr

In this seminar, students will become actively engaged in the process of building strong communities. By employing service-learning techniques, students will implement and carry out a

community project that responds to the needs of the people of the community, and through this process of community organization, students will be invested in the project and be responsible for its outcome. The goals of the seminar are to foster a sense of social responsibility and develop the skills necessary for active participation in a democracy. *Prerequisite: SOC 2130 or permission of the instructor. Spring.*

**SOC 3810, 4810      INTERNSHIP IN SOCIOLOGY      1-12 cr**

An opportunity for the student to take a position of responsibility in a professional environment under the direction of an on-site supervisor and a faculty member. Not more than 6 credits may be counted toward the 31 credit sociology major. *Prerequisite: Permission of the coordinator. Signed contract required at time of registration.*

**SOC 3820      SOCIOLOGY PROCTORSHIP      3 cr**

Sociology proctors assume responsibility, under faculty supervision, for the progress of students in Sociology courses at various levels or serve as laboratory assistants in SOC 3910. May not be taken more than twice for credit. *Prerequisite: Junior or Senior standing and consent of instructor.*

**SOC 3910      RESEARCH METHODS      4 cr**

Introduction to the basic methods of sociological research design, data collection, the organization and analysis of data, and their interpretation through an actual research project. *Prerequisite: Junior majors in SOC, CRJ or acceptance in Social Work program, or consent of instructor.*

**SOC 4020      SOCIOLOGICAL THEORY      3 cr**

Critical analysis of the development of sociological thought from Comte to the present, with particular emphasis on the theoretical contributions which have been instrumental in the emergence of sociology as an academic discipline. *Prerequisite: SOC 1010 or consent of instructor.*

**SOC 4720      COORDINATING SEMINAR      3 cr**

A seminar designed to provide the Sociology major with an opportunity to demonstrate an understanding of basic sociological concepts and their application to the research process. *Prerequisites: SOC 3910 and SOC 4020.*

**SOC 4910      INDEPENDENT STUDY      1-3 cr**

Available by arrangement with coordinator. Signed contract required at time of registration.

**Sociology cross listings:**

ANT 1010	INTRODUCTION TO CULTURAL ANTHROPOLOGY
ANT 2210	ANTHROPOLOGY AND THE ENVIRONMENT
ANT 3210	ANTHROPOLOGY OF FOOD
COM 2260	MASS MEDIA & SOCIETY
CRJ 3010	CRIME VICTIMS
CRJ 3050	LAW AND SOCIETY
GEO 3150	URBAN GEOGRAPHY
PSY 2040	SOCIAL PSYCHOLOGY
SWK 1010	INTRODUCTION TO HUMAN SERVICES
SWK 2011	HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I
SWK 2012	HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II
SWK 2030	HUMAN SEXUALITY
SWK 2130	INTRODUCTION TO THE STUDY OF AGING

## Spanish Courses

*Other relevant courses may be found under Foreign Language and Literature.*

SPA 1011                      SPANISH I    1-3 cr

The first course in a two-course sequence. Systematic introduction to the Spanish language. Development of aural comprehension, speaking, reading and writing skills. Three class hours plus one hour supervised lab per week. This may be used to fulfill one general education requirement. *Prerequisite: ENG 0040/ENG 1010 or equivalent. Fall.*

SPA 1012                      SPANISH II    3 cr

Continuation of SPA 1011. This may be used to fulfill one general education requirement. *Prerequisite: SPA 1011 or consent of instructor and ENG 0040/ENG 1010 or equivalent. Spring.*

SPA 1180                      LATIN AMERICAN WRITERS    3 cr

This course will be an introduction to the most prestigious contemporary Latin American writers and their works. Special emphasis will be given to the social and cultural backgrounds of these works. This course is taught in English at the first-year level. *Every semester.*

SPA 2011                      SPANISH III    3 cr

Systematic and intensive review of first year college or two year high school Spanish in the first seven weeks. The second seven weeks will be devoted to continued study of Spanish grammar, directed composition, and vocabularies for everyday use. Informal oral and written reports. Three hours of class. Lab work will be assigned by instructor as needed. *Prerequisite: SPA 1012 or two years high school Spanish or consent of instructor. Fall.*

SPA 2012                      SPANISH IV    3 cr

Continuation of SPA 2011. *Prerequisite: SPA 2011 or consent of instructor. Spring.*

SPA 2020                      INTERMEDIATE SPANISH: INTRODUCTION  
TO CONTEMPORARY LITERATURE    3 cr

Selected readings in contemporary literature from Spain and Latin America. Written and oral reports. *Prerequisite: Simultaneous registration in SPA 2012 or consent of instructor. Spring.*

SPA 2030                      SPANISH AMERICAN CULTURES    3 cr

Reading in a special topic area to introduce students to the Hispanic world. As topics change, this course may be repeated for credit. Readings in Spanish and English. *Prerequisite: Simultaneous registration in SPA 2012 or consent of instructor. Spring.*

SPA 2040                      BUSINESS SPANISH    3 cr

Development of business-oriented vocabularies. Introduction to the "art" of business letter writing. Translation of letters from and into Spanish. *Prerequisite: Simultaneous registration in SPA 2012 or consent of instructor. Spring.*

SPA 2050                      SPANISH FOR HEALTH PROFESSIONALS    3 cr

This introductory course is intended for medical personnel who need a practical orientation to Spanish for the purpose of communicating with Hispanic patients. It emphasizes vocabulary and structures in situational contexts taught by audiolingual methods. Dialogues, oral manipulation of the most needed structures and expressions will be practiced as students are guided toward liberated expression. By the end of the course, students will be expected to demonstrate

competence in listening comprehension, speaking skills, and limited ability to read in the target language. *Periodically.*

SPA 2820                      SPANISH FIELD EXPERIENCE                      1-2 cr

This course is an opportunity for students to work with teachers and children teaching Spanish in the school environment. It prepares the student for an introductory Spanish teaching experience under the guidance of a qualified college supervisor. *Periodically.*

SPA 2910                      INDEPENDENT STUDY                      1-3 cr

The student should refer to the special section of this catalog for the description of the Independent Study and the procedures to follow. Not open to Freshmen. Sophomore or Junior students register for SPA 2910, Seniors for SPA 4910. By permission of program coordinator only. Signed contract required at time of registration.

SPA 3010                      ADVANCED GRAMMAR, COMPOSITION  
AND CONVERSATION                      3 cr

Thorough review of Spanish grammar. Weekly compositions and oral reports. Exercises in translation. Required for Spanish majors and minors. *Prerequisite: SPA 2012 or consent of instructor. Fall.*

SPA 3020                      BUSINESS WRITING IN SPANISH                      3 cr

Further development of business oriented vocabularies and practice in accurate translation of business letters. Directed and free composition of business letters in Spanish. *Prerequisite: SPA 2030 and SPA 3010 or simultaneous registration in SPA 3010 or consent of instructor. Fall.*

SPA 3030                      ADVANCED COMPOSITION AND CONVERSATION                      3 cr

Further development of written and spoken fluency in Spanish. *Prerequisite: SPA 3010 or consent of instructor. Spring.*

SPA 3040                      SPAIN: THE MAKING OF THE CANON (1492-1899)                      3 cr

An introduction to the major authors, genres, and themes of Spanish Literature from 1492 through the 18th Century. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3050                      SPAIN: THE MAKING OF THE CANON (1900 to the present)                      3 cr

An introduction to the major authors, genres, and themes of Spanish Literature from the 18th Century to the present. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3060                      LATIN AMERICA: THE MAKING OF THE CANON (1492-1899)                      3 cr

An introduction to the major authors, genres, and themes of Latin American Literature from 1492 through the 18th Century. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3070                      LATIN AMERICA: THE MAKING OF THE CANON  
(1900 TO THE PRESENT)                      3 cr

An introduction to the major authors, genres, and themes of Latin American Literature from 1900 to the present. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3080                      SPANISH CIVILIZATION                      3 cr

An examination of Spanish civilization from historical, psychological, literary, and artistic perspectives. Topics for special concentration include: The land and its history; psychology of men

and women as evidenced in machismo, donjuanismo, and feminism; the Spanish preoccupation with death. (Readings from Saenz-Alonso, Valle-Inclan, Unamano, and Baroja); and music (Albeniz, de Falla, Granados) and art (Goya, El Greco, Velazquez, and Picasso). Taught in Spanish. *Prerequisite: SPA 2012, SPA 2020 or consent of instructor. Spring, odd years.*

SPA 3110                      LATIN AMERICAN NOVEL AND SHORT STORY                      3 cr  
Emphasis on contemporary writers such as Garcia Marquez, Carpentier, Borges and Rulfo. Taught in Spanish. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3120                      GOLDEN AGE THEATER                      3 cr  
History of the Spanish stage through the end of the seventeenth century. Works by Lope de Vega, Tirso de Molina, Cervantes and Calderon de las Barca. Taught in Spanish. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3130                      TWENTIETH CENTURY SPANISH LITERATURE                      3 cr  
Generation of 98. Theatre and poetry of Garcia Lorca. Selected work from the post-Civil War period. Taught in Spanish. *Prerequisite: SPA 3010 or consent of instructor. Spring.*

SPA 3150                      THE NOVEL OF THE MEXICAN REVOLUTION                      3 cr  
This course will devote itself to the exploration of two main subjects: the response of the established Mexican literature to the phenomena of the revolution at the time and the production of a long-lasting literary activity that centers on the revolution and its consequences. *Prerequisite: SPA 3010 or consent of instructor. Spring, even years.*

SPA 3160                      LATIN AMERICAN WOMEN WRITERS                      3 cr  
This course focuses on the writings of the most prominent Latin American women writers of recent times. A variety of literary genres—poetry, essay, drama and novel will be studied. The topics of “machismo” and “marianismo” as well as the dynamics between the different socio-cultural realities and literature will be studied. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3710                      SPECIAL TOPICS IN LITERATURE AND CULTURE                      3 cr  
This course enables faculty and students to explore subjects that are treated only briefly, or not at all, in regular Spanish courses. The specific subject of the course will be announced at registration. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

SPA 3720                      DIRECTED STUDY SEMINAR                      3 cr  
Study of one of the catalog courses in a semester when that course is not being offered. The Directed Study Seminar enables the student to meet a forthcoming Spanish course prerequisite or make up a needed course which may not be offered again before graduation. The student and the instructor meet at regular intervals throughout the semester. The usual course requirements- reading, papers, oral reports and tests, are a part of the Directed Study. The Directed Study Seminar number corresponds to the level of the catalog course and would be listed as follows: SPA 3710 Directed Study. Seminar: Golden Age Theatre. *Prerequisite: Same as regular course.*

SPA 3810                      INTERNSHIP IN SPANISH                      Variable cr  
This course provides an opportunity to work with the community in a professional environment that is related to the Spanish languages and cultures, under the direction of an on-site supervisor and a faculty member. Not more than 6 credits may be counted toward the 30 credit Spanish major. This course may be repeated. *Prerequisites: Permission of the coordinator. Signed contract required at time of registration. Every Semester.*

**SPA 3820**                      **SPANISH PROCTORSHIP**                      1-2 cr  
Language proctors assume responsibility under supervision for beginning level language labs. Responsibilities include supervision of tapes and grammar review. *Prerequisite: Student must have completed SPA 2011 and SPA 2012 with a grade of "A". Variable credit with consent of program coordinator.*

**SPA 4020**                      **TEACHING SPANISH AS A FOREIGN LANGUAGE**                      3 cr  
   **IN PRE K-12 SCHOOLS**  
The main objective of this course is to become acquainted with the basic methods and techniques used in teaching Spanish as a foreign language. Special emphasis will be given to the role of technology in teaching Spanish as a foreign language. Throughout the course students will be asked to promote the integration of the four language skills: speaking, listening, reading and writing. Students will supplement their classroom work with visits to area K-12 schools. *Prerequisite: SPA 3010 or consent of instructor. Periodically.*

**SPA 4720**                      **DIRECTED STUDY SEMINAR**                      3 cr  
Study of one of the catalog courses in a semester when that course is not being offered. The Directed Study Seminar enables the student to meet a forthcoming Spanish course prerequisite or make up a needed course which may not be offered again before graduation. The student and the instructor meet at regular intervals throughout the semester. The usual course requirements- reading, papers, oral reports and tests- are a part of the Directed Study. The Directed Study Seminar number corresponds to the level of the catalog course and would be listed as follows: SPA 3710 Directed Study. Seminar: Golden Age Theatre. *Prerequisite: Same as regular course.*

**SPA 4910**                      **INDEPENDENT STUDY**                      1-3 cr  
The student should refer to the special section of this catalog for the description of the Independent Study and the procedures to follow. Not open to Freshmen. Sophomore or Junior students register for SPA 2910, Seniors for SPA 4910. *By permission of program coordinator only. Signed contract required at time of registration.*

## **Theater Arts Courses**

*Other relevant courses may be found under Communications, Dance, and English.*

**THA 1001**                      **STAGE PRODUCTION I**                      1 cr  
Students participate in department productions, either as actors or in a technical capacity. Evaluation is based on the hours spent on production, the quality of the performance, the seriousness of purpose and, quality of participation. *Prerequisite: Permission of department. Every semester.*

**THA 1010**                      **PLAYS FROM CASTLETON**                      3 cr  
A traveling theater appreciation course which utilizes the unique proximity of Castleton to first-class summer theater festivals. Classes are held before and after each performance to introduce the play and to share reactions. Students write substantial review/reaction papers on four productions. Fee is for tickets/transportation. *Summer only.*

**THA 1041**                      **INTRODUCTION TO THEATER ARTS**                      3 cr  
Designed to develop an understanding and appreciation of the varieties of theatrical experience. *Fall.*

- THA 1111                      STAGECRAFT I                      3 cr  
Basic course in the physical mounting of a stage production. Scenery, lighting, properties, sound and technical effects are examined. The course includes a weekly two hour lab and may include crew work on productions. A lab fee may be required. *Fee \$15. Every semester.*
- THA 2002                      STAGE PRODUCTION II                      1 cr  
Students participate in department production, either as actors or in a technical capacity. Evaluation is based on the hours spent on production, the quality of the performance, the seriousness of purpose and quality of participation. Weekly lab is required. *Prerequisite: Permission of department. Every semester.*
- THA 2010                      SURVEY OF THEATER HISTORY                      3 cr  
A survey course in Theatre History designed to acquaint the student with the major trends in theater history from its inception through the present. Dramatic literature from major periods will be explored. *Spring.*
- THA 2050                      INTRODUCTION TO FILM STUDIES (also listed as COM 2050)                      3 cr  
An introduction to the form and language of film. The course focus will be on developing a critical understanding of the film medium through viewing, discussing and writing about feature and short films. *One four-hour period weekly. Screening fee \$15. Every semester.*
- THA 2110                      VOICE FOR PERFORMANCE                      3 cr  
The purpose of this course is to study the natural resources of the human voice as artistic resources for the performer. This course is designed to explore both the processes and products of vocal craft work. *Spring, even years.*
- THA 2112                      STAGECRAFT II                      3 cr  
Advanced course in the physical mounting of a stage production. Scenery, lighting, properties, sound and technical effects are examined. The student will take a leadership role in production. Course will also cover areas such as engineering, physics, and drafting techniques for stage design. *Prerequisite: THA 1111. A lab fee may be required. Spring, odd years.*
- THA 2120                      SCRIPT WORKSHOP I (also listed as COM 2120)                      3 cr  
This course is designed to allow students to explore a wide range of script styles and formats, including the stage play, film script, radio play, and television script. The focus will be on understanding the process of script development through reading and analyzing published scripts, and by writing original short scripts. *Spring, even years.*
- THA 2121                      ACTING I                      3 cr  
This course will emphasize principles of acting at the beginning level. Emphasis will be placed on exercises and course work related to relaxation, talking and listening, body dynamics, concentration, sensory awareness, imagination, improvisation, actions and objectives in addition to other basic concepts related to the actor's process. Performance requirements include individual and group exercises and two-character scene work. *Every semester.*
- THA 2122                      ACTING II                      3 cr  
Continuation of THA 2121 with concentration on character analysis. Performance requirements will include monologue and scene study experiences. *Prerequisite: THA 2121. Spring.*

- THA 2130 COSTUME DESIGN AND CONSTRUCTION 3 cr  
A study of the principles and techniques of costume design for the theater. In addition to dealing with design projects and their realization, the course provides an overview of costume history with focus on the current production's period. Lecture and workshop. Lab fee \$15. May be repeated once for program credit. *Fall.*
- THA 2750 SPECIAL TOPICS IN THEATER 3 cr  
In-depth examination of a variety of theatrical subject such as Realism, Moliere, Puppetry, The Musical, or Theater for social Change. Exact course descriptions will be provided prior to each registration period. *Prerequisite: THA 1041. Spring.*
- THA 2810 INTERNSHIP IN THEATER 1-12 cr  
*Prerequisite: Consent of department chair. Signed contract required at time of registration.*
- THA 2900 INDEPENDENT STUDY 1-3 cr  
Hours by arrangement. *Prerequisite: Consent of department chair. Signed contract required at time of registration.*
- THA 3003 STAGE PRODUCTION III 1 cr  
Students participate in department production, either as actors or in a technical capacity. Evaluation is based on the hours spent on production, the quality of the performance, the seriousness of purpose and, quality of participation. *Prerequisite: Permission of department. Every semester.*
- THA 3020 ACTING FOR THE CAMERA 3 cr  
Instruction and practice in the basics of acting for both TV and film style productions: playing to the camera, shooting out of sequences, blocking, and other production considerations. *Alternate years. Prerequisite: THA 2121.*
- THA 3030 CHILDREN'S THEATER 3 cr  
This course focuses on the development of scripted and non-scripted works for performance by and/or for children. Students will create productions and may work on productions in the community. *Spring.*
- THA 3050 STAGE MAKEUP 3 cr  
A course in the art of makeup as a design element and augmentation of characterization. Various kinds of makeup and character types will be explored. The course will culminate in character analysis, design and makeup execution for a character. Lab fee \$15. *Fall, odd years.*
- THA 3060 STAGE MOVEMENT 3 cr  
This course will allow students to explore a range of concepts and skills related to the physical aspects of performance. It may cover areas such as stage combat, physical comedy, prop handling, working with special effects, body carriage, as well as basic dance and choreography for both musical and non-musical productions. *Prerequisite: Permission of instructor or theater Arts advisor. Fall, even years.*
- THA 3120 LIGHTING DESIGN 3 cr  
Explores the practical and artistic elements of lighting the stage. The fundamentals of instrumentation and control are explained. Also included will be systems of nomenclature and computer aided drafting techniques for the development of lighting plots. Emphasis will be on practical



An advanced acting studio which deals with acting styles and advanced audition techniques. The course will culminate in acting juries. *Prerequisite: THA 2121 and THA 2122. Fall, Odd years.*

An examination of films produced outside of the United States. Primary focus will be on European, Australian, Asian, Latin American and African cinema. Attention will be paid to historical and contemporary works from both mainstream and independent directors. One four-hour period weekly. *Prerequisite: THA 2050 or consent of instructor. Screening fee: \$15. Fall, odd years.*

An introductory directing course which deals primarily with script analysis and research methods in preparation for the directing of major productions for the theater. *Prerequisites: THA 1111, THA 2121 and/or the consent of the instructor. Fall, even years.*

An intermediate directing course which deals with script analysis and research methods in preparation for the directing of major productions for the theater. The course is designed as a lab application with numerous directing projects assigned. *Prerequisite: THA 321I. Spring, odd years.*

An examination of the elements of design as they relate to the translation and reinforcement of the dramatic image of a play script into the visual environment of a production. Includes development, completion and critical analysis of original projects. Lecture and workshop. Lab fee \$15. *Prerequisite: THA 1041 or THA 1111. Spring, odd years.*

In-depth exploration of a variety of topics in film studies, such as genre or director studies, national and international cinema, women in film, and film and society. Exact course descriptions will be provided prior to registration for the spring semester. Class meets for one 3 hour session per week. May be taken twice for credit. *Prerequisite: THA 2050 or consent of instructor. \$15 lab fee required. Spring.*

The student assumes a position of responsibility in a professional theater or related facility or organization under the supervision of an on-site professional and a faculty member. *Permission of department. Signed contract required at time of registration.*

Registration by permission of department chair only. Signed contract required at time of registration. Credit to be arranged.

This course examines the work of the Stage Manager and Arts Administrator. The course covers the managing of the stage extensively and surveys the work of the numerous Arts Administrators. *Spring, odd years.*

- THA 4030                      STAGE PRODUCTION                      1 cr  
Students participate in department production, either as actors or in a technical capacity. Evaluation is based on the hours spent on production, the quality of the performance, the seriousness of purpose and participation in lab. Weekly lab is required. *Prerequisite: Permission of department. Every semester.*
- THA 4040                      SCRIPT WORKSHOP II (also listed as COM 4030)                      1 cr  
Students write and critique original scripts for stage, radio and screen. Material from this course may be used for student productions. *Prerequisite: THA 2120 or permission of the instructor, Spring, odd years.*
- THA 4332                      ADVANCED DESIGN FOR THE THEATER                      1 cr  
An in-depth examination of a single area of design for the theater as it relates to the translation and reinforcement of the dramatic image of a play script into the visual environment of a production. Includes the development, completion and critical analysis of several original projects in either scenic, lighting, or costume design. It is expected that several of the student projects will be realized. Lecture and workshop. Lab fee \$15. *Prerequisite: THA 3331 or consent of instructor. Spring, even years.*
- THA 4410                      THEATER IN EDUCATION                      3 cr  
Explores the range and possibilities of theater as a pedagogical method. Emphasizes the use of theater as a developmental teaching tool, and as a means of reinforcing other areas of K-12 school curriculum. Students may be required to work directly with children in a classroom or extra-curricular setting. *Fall.*
- THA 4720                      SENIOR PROJECT IN THEATER                      3 cr  
The student selects a project, in consultation with his or her advisor, for public presentation. A proposal of the project, from concept to planning and realization, is a requirement for the course. The department strongly recommends students engage in collaborative projects, such as a fully realized state production. *Prerequisite: Senior standing or consent of instructor. As needed by seniors.*
- THA 4810                      INTERNSHIP IN THEATER                      1-12 cr  
The student assumes a position of responsibility in a professional theater or related facility or organization under the supervision of an on-site professional and a faculty member. *Prerequisite: Permission of department. Signed contract required at time of registration.*
- THA 4910                      INDEPENDENT STUDY                      1-3 cr  
Permission only. Signed contract required at time of registration.

## Women's Studies Courses

*Other relevant courses are listed on page 152.*

### WMS 1020      INTRODUCTION TO WOMEN'S STUDIES      3 cr

This course will enable students to understand and appreciate the rich and varied field of Women's Studies; to identify and explain ideas about gender and the ways that it has affected individuals, to understand what women have in common as well as the different ways that the experience of being female is shaped by race, class and culture; and what it means and has meant to be female in the United States and abroad. Strongly recommended for all students minoring in Women's Studies. *Periodically.*

### WMS 2910      INDEPENDENT STUDY      1-3 cr

Provides the exceptionally curious and motivated student the opportunity to explore on an introductory level an aspect of the study of women and / or gender that is not offered by the courses listed in the course catalog. Students need to arrange with an appropriate faculty member and a student-faculty independent study contract prior to registration. *Must be approved by women's studies coordinator.*

### WMS 3910      INDEPENDENT STUDY      1-3 cr

Provides the exceptionally curious and motivated student the opportunity to explore in greater depth an aspect of a women's studies course that the student has already taken. Students need to arrange with an appropriate faculty member and a student-faculty independent study contract prior to registration. *Must be approved by women's studies coordinator.*

### WMS 4810      FIELD EXPERIENCE IN WOMEN'S STUDIES      1-3 cr

Students will undertake an activist project in close supervision with a faculty member to get hands-on experience to bring about social change. Examples of this could include doing specific research for the Rutland Shelter, the Women's Issues Group on campus or for the Vermont Governor's Commission on Women. Unlike internships, this course will have a major research component. *Prerequisite: Students must have at least 12 credits in Women's Studies or permission of instructor.*

### WMS 4820      INTERNSHIPS IN WOMEN'S STUDIES      1-6 cr

Career Placements in Women's Studies through the placement of our minors with local, state or national organizations that address the needs and social, political, psychological, economic and cultural conditions of being women and girls in today's society. *Prerequisite: Students must have at least 12 credits in Women's Studies or permission of instructor. Signed contract required at time of registration.*

### WMS 4910      INDEPENDENT STUDY      1-3 cr

Provides the exceptionally curious and motivated student the opportunity to explore in greater depth an aspect of a women's studies. The study must culminate in a major research paper or project. Students need to arrange with an appropriate faculty member and a student-faculty independent study contract prior to registration. *Must be approved by women's studies coordinator.*

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Matthew Patry, B.A., Castleton State College; M.Ed., Plymouth State College, *Academic Counselor*

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Dennis Proulx, B.S., Castleton State College; M.S., Colorado State University, *Director of Residence Life*

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Jan Rousse, B.S., Castleton State College, *Assistant Director of The Robert T. Stafford Center for the Support and Study of the Community*

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Heidi Whitney, B.S., Castleton State College; M.B.A., St. Joseph's College, *Controller*

Emily Wiezalis, B.A., State University of New York at Buffalo, *Associate Director of Admissions*

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## Faculty

Robert Aborn (1960), B.Music, Oberlin College; M.Music, Ph.D., Indiana University, *Professor Emeritus, Music*

Jeanne Albert (1996), A.B., University of California at Berkeley; M.A., Ph.D., Dartmouth College, *Professor, Mathematics*

Paul D. Albro (1977), B.S., University of Lowell; M.B.A., University of Massachusetts, *Professor, Business Administration, Department Chair*

Andrew Alexander (2005), B.A., Bowdoin College; M.A., The University of Maine at Orono; Ph.D., Pennsylvania State University, *Assistant Professor, English*

Ana María Alfaro Alexander (1989), B.A., Hunter College; Ph.D., City University of New York, *Professor, Modern Foreign Language*

Cerise M. Barber (1997), B.S., State University of New York College at Cortland; M.S., Northeastern Illinois University, *Associate Professor, Physical Education*

George T. Bergen (1977), B.S., Union College; Ph.D., State University of New York at Albany, *Professor, Psychology*

Rita Bernatowicz (1984), B.A., University of Rochester; M.A., State University of New York at Albany; M.F.A., Milton Avery Graduate School of the Arts, Bard College, *Professor, Art*

Michael J. Bethel (1982), A.A., Hudson Valley Community College; B.A., State University of New York at Cortland; M.B.A., State University of New York at Binghamton, *Professor, Business Administration*

Radha Bhatkal (1990), B.A., University of Bombay; B.Ed., University of Poona; M.Ed., Ph.D., University of Nebraska-Lincoln, *Professor, Education, Department Chair*

David Blow (2005), B.A., Castleton State College; M.A., State University of New York at Albany/Empire State, *Assistant Professor, Journalism*

Angele Brill (1990), B.S., State University of New York at Oneonta; M.B.A., State University of New York at Binghamton, *Professor, Business Administration*

Luther Brown (1984), B.S., Savannah State College; M.S.W., State University of New York at Albany; M.S., Long Island University; D.S.W., Columbia University, *Professor, Social Work*

Lara A. Carlson (2002), B.S., Southern Connecticut State University; M.A., University of South Dakota; Ph.D., Springfield College, *Assistant Professor, Physical Education*

Harry Chaucer (2001), B.A., Goddard College; M.S., Ed.D., University of Vermont, *Professor, Education*

Pei-Heng Chiang, (1968), A.B., University of Rochester; M.A., Ph.D., New School for Social Research, *Professor Emerita, Political Science*

Paul Cohen (1990), B.S., M.B.A., State University of New York at Albany, *Professor, Business Administration*

Thomas Conroy (1992), B.S., Boston University; B.A., M.A., Rhode Island College; Ph.D., University of Massachusetts at Amherst, *Professor, Communication, Department Chair*

Brad Coupe (2004), B.S., Gettysburg College; M.S., Ph.D., Ohio State University, Assistant Professor, Biology

Joyce Cunningham (1992), B.A., University of Vermont; M.S., Mankato State University; Ed.D., Mississippi State University, *Professor, Education*

Paul Derby (2003), A.S., Adirondack Community College; B.A., State University of New York at Oneonta; M.A., Syracuse University, *Assistant Professor, Sociology*

Victoria R. DeRosia (1991), B.A., Castleton State College; M.A., Bowling Green State University; Ph.D., State University of New York at Albany, *Professor, Criminal Justice*

Richard C. Diehl (1961), B.A., Music, Boston University; M.A., Music Ed., Indiana University, *Professor Emeritus, Music*

June H. Dorion (1958), A.B., University of Vermont; M.A., Middlebury College, *Professor Emerita, Modern Foreign Language*

Sandra C. Duling (1987), B.A., Gettysburg College; M.L.S., State University of New York at Albany, *Library Director, Professor*

David Ellenbrook (1992), B.S., Henderson State University; M.A., University of Memphis; M.S.S.W., University of Tennessee; Ph.D., The Ohio State University, *Professor, Social Work and Sociology*

John J. Feenick, Jr. (1985), A.S., Herkimer County Community College; B.S., Slippery Rock State College; M.S., Eastern Illinois University, *Professor, Physical Education/ Director of Athletic Training Education, Department Chair*

Elizabeth A. Ferguson (1970), A.B., Vassar College; M.S.S., Smith College; M.A., Ph.D., Yale University, *Professor Emerita, Social Work and Sociology*

Andre Fleche (2006), B.A., Syracuse University; M.A., Ph.D., University of Virginia; Assistant Professor, U.S./Latin American History

Barbara Foley (1968), B.S., M.S., Central Connecticut State College, *Professor Emerita, Business Administration*

Mark Fox (1985), B.S., Ph.D., University of Maryland, *Professor, Biology*

Jeffrey V. Freeman (1964), B.S., State University College of Forestry at Syracuse University; M.S., Ph.D., Rutgers University, *Professor Emeritus, Biology*

Catherine Garland (2004), B.A., Colby College; M.S., University of Florida; Ph.D., University of Hawaii, *Assistant Professor, Physics*

Robert Gershon (1977), B.A., Princeton University; M.A., Ph.D., Boston University, *Professor, Communication*



Sanjukta Ghosh (1991), B.S., M.A., University of Delhi; M.A., Ph.D., The Ohio State University, *Professor, Communication*

Glenn E. Giles (2005), B.S., Castleton State College; M.M., University of Maine, *Professor, Music, Department Chair*

John M. Gillen (1970), B.A., LeMoyne College; M.A., University of Massachusetts, *Professor, English*

Steven Gross (2007), B.S., University of North Alabama; M.F.A., University of South Carolina, *Assistant Professor, Theater Arts*

Timothy Grover (1994), B.S., St. Lawrence University; M.S., Ph.D., University of Oregon, *Associate Professor, Geology, Department Chair*

Ryan A. Hedstrom (2006), B.S., Manchester College; Ed.M., Boston University, *Assistant Professor, Physical Education; Ph.D. Michigan State University*

Bradley N. Hunt (1986), A.S., B.S., M.S., Youngstown State University; J.D., University of Toledo College of Law, *Professor, Criminal Justice, Department Chair*

Lillian Jackson (1998), B.A., Brown University; M.S.W., Boston University School of Social Work; M.P.A., Suffolk University, *Professor, Social Work*

Leonard A. Johnson (1960), B.S., Castleton State College; Ed.M., Boston University; L.H.D. (Hon.), Castleton State College, *Professor Emeritus, Education*

Robert M. Johnson (1986), B.A., California State University at Hayward; M.A., Ph.D., University of California at Santa Barbara, *Professor, Philosophy*

Patrick Keller (1987), B.A., Rhode Island College; B.S., M.S., Ph.D., University of Rhode Island, *Professor, Chemistry*

Flo Keyes (2001), A.A., County College of Morris; B.A., M.A., Montclair State College; M.Phil., Ph.D., Drew University, *Associate Professor, English*

Peter Kimmel (1991), B.S., M.S., Portland State University; Ph.D., University of Massachusetts, *Professor, Biology*

John S. Klein (1985), B.S., M.S., Southern Connecticut State University; Ph.D., Columbia University, *Professor, Psychology, Department Chair*

Dale W. Kreisler (1998), B.S., Mansfield University; M.S., Ph.D., Clarkson University, *Professor, Mathematics, Department Chair*

William C. Kuehn (1971), B.S., Randolph-Macon College; M.A., Northeastern University; J.D., Vermont Law School, *Professor, Sociology and Criminology*

Philip Lamy (1992), B.A., University of Massachusetts; M.A., Ph.D., Northeastern University, *Professor, Sociology*

Carly Langlais (2006), B.S., Michigan State University; Ph.D., Oregon Health and Science University, *Assistant Professor, Biology*

Virginia S. Larrabee (1966), B.A., Wellesley College; Ed.M., University of Vermont; Ed.D., Boston University, *Professor Emerita, Education*

Lindsay Larson (2007), B.A., Vassar College; M.S., Ph.D., Yale University, *Assistant Professor, Psychology*

Helen Mango (1991), B.A., Williams College; M.S., Ph.D., Dartmouth College, *Professor, Geochemistry*

Harry McEnerny (1996), B.A., Randolph-Macon College; M.F.A., Virginia Commonwealth University, *Associate Professor, Theater Arts, Department Chair*

Tom McGlynn (2007), B.F.A., Ramapo College; M.F.A., Hunter College, *Assistant Professor, Art*

Frank Morgan (1964), B.S., Castleton State College, M.S., Miami University; Ed.D., University of Massachusetts, *Professor Emeritus, Mathematics*

Annie Moore-Cox (2006), A.S., Community College of the Finger Lakes; B.A., State University of New York at Albany; M.S., Russell Sage College, *Assistant Professor, Nursing*

Cynthia A. Moulton (1997), B.S., Framingham State College; M.S., University of Maryland; Ph.D., North Carolina State University, *Associate Professor, Biology*

Linda J. Olson (1995), B.A., Hamline University; M.A., Ph.D., University of New Hampshire, *Professor, Sociology*

Craig Paiement (2005), B.A., State University of New York at Brockport; M.S., Ph.D., Michigan State University, *Assistant Professor, Physical Education*

Louis H. Palmer, III (2000), B.A., M.A., Williams College; M.Ed., Converse College; M.A., Appalachian State University; Ph.D., Syracuse University, *Associate Professor, English*

Joanne Pencak (2007), B.S., Castleton State College, *Assistant Professor, Business Administration*

Linda S. Pepler (1994), B.A., M.A., University of Northern Colorado; Ph.D., University of Washington, *Professor, Education*

Melisse H. Pinto (2000), B.A., Daemen College; M.A., Ph.D., State University of New York at Buffalo, *Associate Professor, Political Science*

Lisa Pleban (2004), B.S., Fairfield University; M.Ed., Temple University; Ed.D., Columbia University, *Assistant Professor, Physical Education*

Joanne Pluta (2000), B.S., M.A., Castleton State College, *Assistant Professor, Education/Licensure Officer and Director of Field Experiences*

John Purcell (1991), B.S., M.Ed., Kent State University; M.B.A., University of Vermont, *Associate Professor, Business Administration*

Abbess Rajia (1990), B.A., M.A., Ph.D., State University of New York at Albany; C.A.S., Sheffield University, England, *Professor, Mathematics*

Gail Regan (2006), B.A., Grinnell College; M.S., Kansas University Medical Center; Ph.D., University of Missouri-Kansas City, *Assistant Professor, Psychology*

Margaret M. Richards (1999), B.S., North Adams State College; M.B.A., University of Oregon, *Associate Professor, Business Administration*

Judith Robinson (2001), B.A., Syracuse University; M.A., Ph.D., University of Massachusetts, *Associate Professor, Economics, Department Chair*

Laurie Rosenzweig (2003), B.S., State University of New York College at Oswego; M.A., State University of New York at Albany; J.D., Vermont Law School, *Assistant Professor, Criminal Justice*

Scott Roper (2005), B.A., Clark University; M.A., University of North Dakota; Ph.D., University of Kansas, *Assistant Professor, Geography*

Brenda Russell (1999), B.A., M.A., Central Connecticut State University; Ph.D., St. Louis University, *Associate Professor, Psychology/Coordinator of Forensic Psychology Graduate Program*

Thomas M. Rutkowski (1997), B.A., College of the Holy Cross; M.B.A., University of Idaho; Ed.D., University of Georgia, *Associate Professor, Business Administration*

Christopher A. Schwaner (2007), B.A., Castleton State College; M.S., University of Vermont; Ph.D., State University of New York at Albany, *Assistant Professor, Mathematics*

Jonathan F. Scott (1987), B.A., Amherst College; M.A., University of Kansas; Ph.D., University of Minnesota, *Professor, Art History, Department Chair*

Charles F. Shaffert (1965), B.A., Dickinson College; M.A., University of Pennsylvania; M. Phil., Ph.D., University of Kansas, *Professor Emeritus, English*

Ronald Sherwin (2004), B.A., Castleton State College; M.M., Ph.D., The University of Maine, *Assistant Professor, Music*

Dennis Shramek (1989), B.S., M.F.A., Ph.D., Bowling Green State University, *Professor, English, Department Chair*

Anne Smeglin (2002), B.S., Mount Saint Mary College; M.S., Sage Graduate School, *Assistant Professor, Nursing, Department Chair*

Thomas H. Smith (1964), B.A., New York State Teachers College at Albany; M.A., Rutgers University, *Professor Emeritus, English*

Jonathan Spiro (2002), B.A., University of California, Los Angeles; M.A., Pepperdine University; Ph.D., University of California, Berkley, *Assistant Professor, History*

Drennan Spitzer (2004), B.A., The Master's College; M.A., California State University; Ph.D., University of California, Riverside, *Assistant Professor, English*

Joyce Thomas (1980), B.A., Shepherd College; M.A., West Virginia University; D.A., State University of New York at Albany, *Professor, English*

Patricia van der Spuy (2005), B.A., M.A., Ph.D., University of Cape Town, South Africa, *Assistant Professor, African and World History*

Cathy VanYperen (2006), B.S., Baylor University; M.S.A., Saint Michael's College, *Assistant Professor, Business Administration*

Roy M. Vestrich (1988), A.B., Bard College; M.F.A., Ph.D., University of Massachusetts, *Professor, Communication and Theater Arts*

Carol Waara (1992), B.A., Michigan State University; M.A., Ph.D., University of Michigan, *Professor, History*

Deborah L. Waggett (1999), B.S., Albright College; Ph.D., University of Iowa, *Associate Professor, Education*

Delma Wood (2001), B.S., Hunter College, City University of New York; M.A., Ph.D., State University of New York at Albany, *Associate Professor, Spanish*

# Academic Calendar

## FALL SEMESTER 2007

June	21	Transfer Registration		Thursday
	23-24	First Year Student Registration		Saturday
July	12	Transfer Registration		Thursday
	14-15	First Year Student Registration		Saturday
August	17	Final New Student Registration		Friday
	23	Residence Halls open/new students	1 P.M.	Thursday
	24	New Student Orientation begins	10 A.M.	Friday
	26	Residence Halls open/returning students	10 A.M.	Sunday
	27	Classes begin	8 A.M.	Monday
	30	Convocation	4 P.M.	Thursday
Sept.	3	Labor Day – no classes		Monday
	28-30	Homecoming/Parents Weekend (for parents, alumni and students)		
October	5	October Break; Residence Halls close	6 P.M.	Friday
	14	Residence Halls open	10 A.M.	Sunday
	15	Classes resume	8 A.M.	Monday
	23	Mid-semester point		Tuesday
Nov.	5	Registration begins Spring '08		Monday
	16	Registration ends Spring '08	4:30 P.M.	Friday
	20	November break begins after evening classes end		Tuesday*
	20	Residence Halls close	6 P.M.	Tuesday
	25	Residence Halls Open	10 A.M.	Sunday
	26	Classes resume	8 A.M.	Monday
Dec.	14	Classes end	5 P.M.	Friday
	17	Finals begin	8 A.M.	Monday
	21	Finals end	5 P.M.	Friday
	21	Residence Halls close	6 P.M.	Friday

## SPRING SEMESTER 2008

January	8	New Student Registration Spring '08	8 A.M.	Tuesday
	21	Residence Halls open	10 A.M.	Monday
	21	MLK Holiday – No Classes		Monday
	22	Classes begin	8 A.M.	Tuesday
	24	Convocation	4 P.M.	Thursday
February	15	Winter recess begins; Residence Halls close	6 P.M.	Friday
	24	Residence Halls open	10 A.M.	Sunday
	25	Classes resume	8 A.M.	Monday
March	18	Mid-semester point		Tuesday
	28	Spring recess begins; Residence Halls close	6 P.M.	Friday
April	6	Residence Halls open	10 A.M.	Sunday
	7	Classes resume	8 A.M.	Monday
	9	Registration Fall '08 begins		Wednesday
	22	Registration Fall '08 ends	4:30 P.M.	Tuesday
May	9	Classes end	5 P.M.	Friday
	12	Finals begin	8 A.M.	Monday
	16	Finals end	5 P.M.	Friday
	16	Residence Halls close for all but graduating seniors	6 P.M.	Friday
	17	Commencement	2 P.M.	Saturday

\*For those students who have evening classes, the Residence Halls will remain open until 10 A.M. the next morning.

# Important Deadlines

## FALL SEMESTER 2007

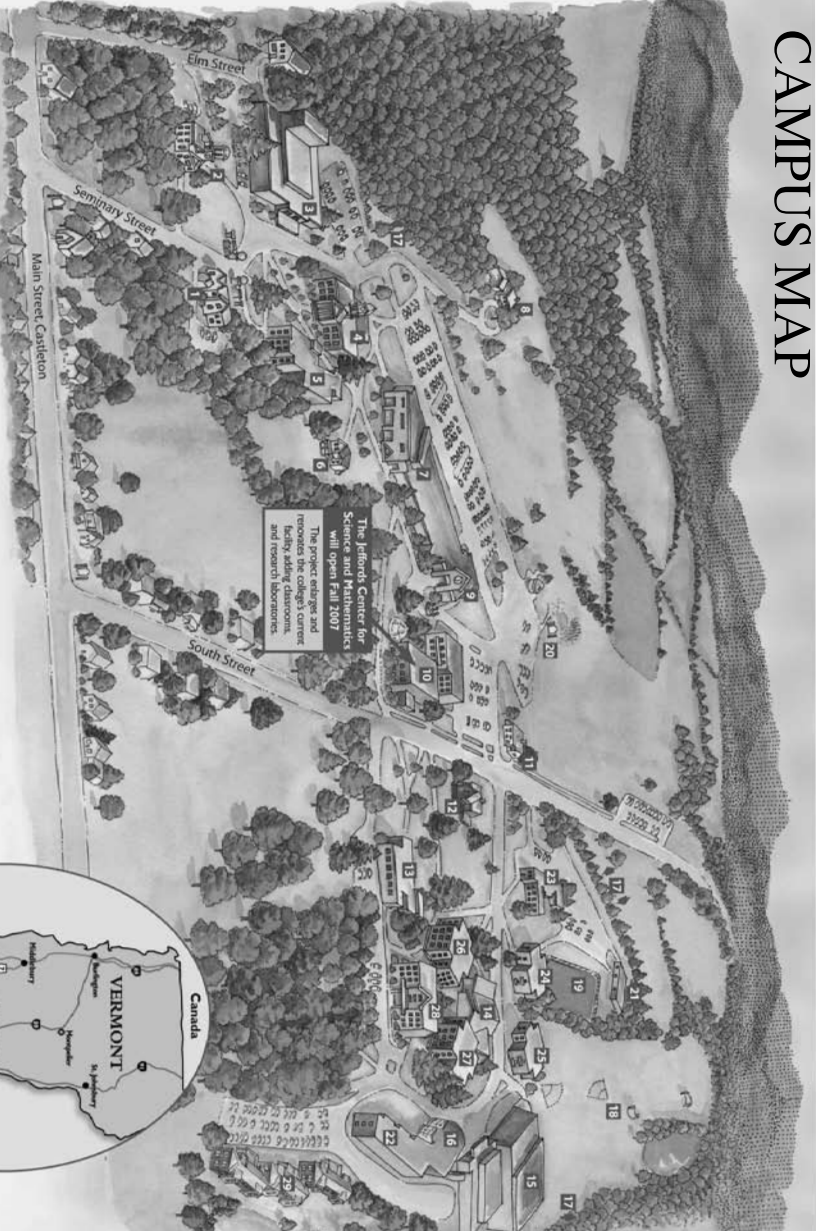
August	15	Fall semester tuition due in full		Wednesday
September	10	End drop/add full semester courses	4:30 P.M.	Monday
October	22	Incompletes to grades due for every student		
	25	Mid-semester grades due	7 P.M.	Thursday
November	2	End drop full semester courses w/fee	4:30 P.M.	Friday
December	3	Deadline for degree applications for Dec. '08		
	6	Exit interviews for December graduates who borrowed Federal Student Loans.	12:30-2 P.M.	Thursday
	10	Deadline for students to submit orders to College Store for Commencement regalia.		Friday
	27	All fall semester grades due	10 A.M.	Thursday

## SPRING SEMESTER 2008

January	4	Spring semester tuition due in full		
February	1	Applications for scholarships and summer financial aid available		
	4	End drop/add full semester courses	4:30 P.M.	Monday
March	10	Summer '08 registration begins	9 A.M.	Monday
	10	Incompletes to grades due for every student		
	14	Deadline for scholarship applications		
	20	Mid-semester grades due	7 P.M.	Thursday
	28	Deadline to drop full semester courses with fee	4:30 P.M.	Friday
April	1	Applications for 08-09 financial aid due		
	8	Fall '08 residence halls deposit due		Tuesday
	15	Exit interviews for May graduates who borrowed Federal Student Loans.	12:30-2 P.M.	Tuesday
	15	Preferred completion date for Summer Financial Aid Applications		
May	1	New student deposit due		
	1	Deadline for degree applications for May '09	9 A.M.	Tuesday
	21	All grades due	10 A.M.	Wednesday

## CAMPUS MAP

1. Wright House  
Admissions
2. Old Chapel  
Conferences & Events Office
3. Fine Arts Center  
Art, Music, Television Studio  
Theater Arts, Casella Theater
4. Woodruff Hall  
Alumni & Development Office  
Business Administration  
Dean's Office, President's Office  
Student Services  
Financial Aid
5. Leavenworth Hall  
Registrar's Office  
Student Accounts  
Languages, Social Sciences
6. Moriarty House  
Coffee Cottage  
Innovative & Volunteer Services  
Robert T. Stafford Center  
for the Support & Study  
of the Community
7. Calvin Coolidge Library  
President's Home
8. Stafford Academic Center  
Academic Computing Center  
Education Department  
Mathematics Department  
Nursing Department
9. Jeffersons Center for  
Science and Mathematics  
Natural Sciences, Psychology
10. Public Safety
11. Wellness Center
12. Campus Center  
College Store, Fireside Cafe  
Mallows, Soundings  
Student Life
13. Hidden Dining Hall  
Physical Education
14. Glenbrook Gymnasium
15. Fitness Center
16. Running/Fitness Trail
17. Athletic Fields
18. Tennis Courts
19. Outdoor Classroom
20. Physical Plant
21. Residence Halls
22. Castleton Hall
23. Ellis Hall
24. Wheeler Hall
25. Morrill Hall
26. Haskell Hall
27. Adams Hall
28. Babcock Hall  
Academic Support Center
29. NEW Residence Houses  
North, Audet, South



## For More Information

Toll-free: (800) 639-8521

Direct: (802) 468-1213

Fax: (802) 468-1476

TDD Vermont Relay: (800) 253-0191

info@castleton.edu

www.castleton.edu

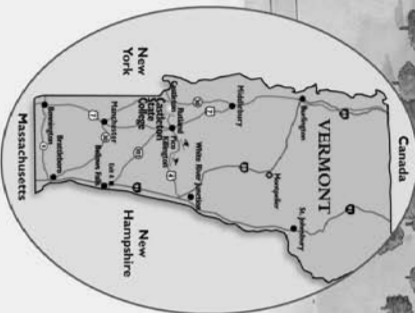
**Directions** The campus is located in the village of Castleton, 12 miles west of Rutland, one of Vermont's largest cities. Take exit 5 off Route 4 into Castleton and follow signs to the Office of Admissions. New York, Boston, Hartford and Montreal are all within easy driving distance and may be reached by both air and bus service. Call our office for more specific directions from anywhere!

**For more information call: 1-800-639-8521**

**Conferences and Events: 802-468-6039**



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## Glossary

**Academic Advisor (advisement)** – A faculty member who explains college policies, assists with transitional issues, and who helps assure that students enroll in the course or courses necessary to achieve their academic goals relevant to their major, program or degree.

**Academic Honesty** – Academic honesty is the absence of, though not limited to, cheating and plagiarism. Sanctions for students who violate the principals of academic honesty range from failure of course work to dismissal from the College.

**Academic Standing** – Students whose cumulative index is below the minimum established for the number of credits they have earned or attempted are subject to probation, or dismissal.

**Academic Support Center** – provides academic counseling, tutoring, and services for students with disabilities.

**Accreditation** – The New England Association of Schools and Colleges accredits Castleton State College as a recognized institution of higher learning.

**Admission** – Admittance to a program or the college that is granted by the College, after a student meets specified requirements.

**ADP - American Democracy Project** – Initiated at Castleton in 2003, ADP is designed to increase attention to moral development, civic engagement, and political action.

**Amelioration** – A chance to erase the negative effect of a poor semester.

**Associate's Degree** – Degree program requiring 64+ hours at CSC of specified course work.

**Audited Course** – Students who do not wish to receive credit may audit courses in which space is available. Those auditing courses are not required to take examinations or prepare assignments.

**Bachelor's Degree or baccalaureate** – The degree of bachelor of arts (B.A.), bachelor of science (B.S.), or bachelor of social work (B.S.W.), requiring 122+ hours at CSC of specified course work.

**Financial Aid** – Campus office where students request grants and loans to pay tuition and other college fees.

**Conditional admit** – A student admitted to the College, who is generally limited to 14 credits of course work during the first semester.

**Continuous Progress** – To maintain continuous progress, a student must be enrolled for one or more courses, or be on an official Leave of Absence, every academic semester from the time of matriculation to the completion of degree requirements.

**Course description** – Statement of topics, themes, and requirements of a course.

**Course Exemption/Substitution** – A student wishing to be exempted from certain academic requirements or to make course substitutions must complete a Request for Exemption/Substitution form available in the Registrar's Office.

**Course offerings** – Undergraduate or graduate list of courses being offered during the fall, spring, or summer terms.

**Credit**– Academic credit is given for graded courses in which students enroll and may be applied toward the fulfillment of degree requirements. Credit is not earned in courses where the assigned grade is F, NP, DR, I or in cases where a grade is not submitted (NG).

**Dean's List** – Matriculated full-time undergraduate students who have achieved a scholastic index of 3.5 for the semester on at least 12 credits taken on a graded basis, and who have received no “Incomplete” or “F” or “NP” grades.

**Declaration of Undergraduate Academic Program (DUAP)** – Form used to declare a major.

**Degrees with Distinction** – 3.5-3.69 *cum laude*, 3.7-3.89 *magna cum laude*, 3.9 and above *summa cum laude*.

**Distance education** – A course where the professor and students are separated by geographic distance or by time, often supported by audio-visual technology.

**Drop or Add Course** – Students may amend their original schedule through the drop/add form. The dates and fees for amending a schedule through the drop/add process are set each year and appear in the *Course Schedule Catalog*.

**Drop or Withdrawal** – Discontinuing enrollment in a course. A full or partial tuition reimbursement is possible when specific deadlines are met. A student's financial aid or health insurance may be affected if the student attends college part-time.

**Final exam** – Tests or other graded assignments for a course given at the end of a course/ semester.

**Financial aid** – Funds available from a variety of sources such as grants, loans, scholarships and on-campus work-study, (when criteria are met) to assist students with paying tuition and other college related expenses.

**First-Year Seminar Program** – As a part of their first year at Castleton, all students with fewer than twelve credits are required to enroll in a First-Year Seminar. The seminars are limited to eighteen students, and may be linked to a companion “learning community” course. Together, these courses form the nucleus of a student's first semester schedule. A special feature of the First-Year Seminar program is the weekly Common Hour meeting when faculty, staff and students address issues that affect the college community. Faculty members in the First-Year Seminar program serve as advisors for first-year students.

**General Education Curriculum (the core)** – The program of courses required of all students regardless of major. The purpose of this requirement is to broaden student knowledge and understanding.

**Grade Point Average (GPA)** – The ratio of the number of credit hours earned and the grades earned. Students receive a grade report which states semester and overall GPA's. For the formula to calculate GPA, see the *Catalog*.

**Grades** – Grades or “indicators” are issued at Mid-term (advisory only). Official grades are issued at the end of each semester.

**Graduate course** – A credit course that may be applied to a graduate degree (a master's or other professional degree) that usually requires at least 30 hours of work beyond the bachelor's degree.

**Honors** – See Dean's List, Degrees with Distinction, or President's List or Honors Program in the *Catalog*.

**Independent study** – Courses which allow students to work independently with a faculty member.



**Learning Community** – An option for new students that links together two or more general first-semester courses, designed to facilitate connections, both academic and social, during the first year.

**Leave of Absence** – Any student may request a leave of absence by completing a Student Exit Information form or submitting a letter to the academic dean. A leave may be taken for up to two semesters. A student may return from a leave with approval of the academic dean.

### **MAPLE (My Access to Personal Learning Environment) – On-line student information**

**Matriculation** – A matriculated student is one who has been formally accepted into the College by the Admissions Office and is currently enrolled or on an official Leave of Absence.

**Noncredit** – Courses taken that do not apply to a degree program, though they may be a requirement for admittance to such a program, especially if developmental work is needed. They may also be courses taken for one's own or professional growth.

**Non-Traditional Student** – Typically, a student who enters college after an absence of a year or more from high school, who pursues a college education while continuing to work, and/or while raising a family, or returns to college after a number of years away from formal education.

**Pass/No Pass** – Certain courses may be taken for a grade of either Pass or No Pass instead of receiving a standard grade.

**Part-Time Faculty** – A person who teaches at the college on a part-time or semester-by-semester basis.

**Prerequisite(s)** – Requirement(s) necessary to complete prior to a student taking a specific course.

**President's List** – Matriculated full-time undergraduate students who have achieved a scholastic index of 4.0 for the semester on at least 12 credits taken on a graded basis, and who have received no incomplete or "E" or "NP" grades.

**Registrar's office** – Campus office maintaining student registration records and transcripts.

**Registration** – Enrollment in a specific course(s), usually occurring at specified times during the year.

**Resignation** – A student who withdraws voluntarily is required to submit a letter of resignation to the Academic Dean or complete a Student Exit Information form. No withdrawal is official until the resignation letter has been received and acknowledged.

**Student Services Center** – The financial aid, business, and registrar's office, located on the lower level of Woodruff Hall.

**Syllabus** – Information on the material a course will cover, instructor expectation of students, dates and content of assignments, and information on contacting the instructor. It is usually given to students the first day of class (plural: syllabi).

**Transcript** – A record of student grades, courses taken, and credits earned (available at the Registrar's Office).

**Tuition** – The required charge to enroll in a course(s). The scale for part-time and full-time tuition (credits) is not necessarily the same.

**Undergraduate Catalog** – The Catalog, revised annually, contains information on academic programs, policies, and procedures. The Graduate Catalog is also revised annually.

**Undergraduate degree** – A two-year college degree (associates degree), or a four-year college degree (bachelor's degree).

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