

Castleton State College

2012-2013 Undergraduate Catalog

Castleton, Vermont 05735
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 listing*, the *College 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.

Non-Discrimination 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 Janet Hazelton, 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.

For a complete copy of the college's grievance procedures go to http://elm.vsc.edu/Pages/Policies_and_Procedures.aspx and click on policy 311. Copies are also available from the Human Resources office in Woodruff Hall and the Student Life Office in the Campus Center.

Audited financial statements are available for review through the Vermont State Colleges.

About the College

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 165-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 normal*, a school to educate teachers. For 30 years Abel Leavenworth, a Civil War hero, and son Philip Leavenworth were principals of the State Normal School. 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, who included Robert Frost, Helen Keller, and Norman Rockwell. A friend of Eleanor and Franklin Roosevelt, she is 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 more than 2000 students. The college offers more than 30 undergraduate programs as well as master's degrees in education and accounting. 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 225 years, Castleton retains its historic commitment to students and to Vermont.

Mission

Castleton, the 18th 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 strives to learn, use, and teach sustainable practices. The College prepares its graduates for meaningful careers; further academic pursuits; and engaged, environmentally responsible citizenship.

As a member of the Vermont State Colleges, Castleton is committed to supporting and improving the region's communities, schools, organizations, businesses, and environment.

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 nonmatriculated 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. 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. A link to the Castleton course schedule can also be found on the Castleton home page.

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."

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.

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 \$20 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 INT 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 INT 1052) through the ninth week of the semester after payment of a \$20 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.

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. 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 x 3 credits = 9.9, B- = 2.7 x 2 credits = 5.4. 9.9 + 5.4 = 15.3 ÷ 5 credits = 3.06 (GPA).

Mid-semester grades or grade "indicators" may be 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 available online 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 through Web Services.

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 resolved 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 ex
 - 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 expressionsoral 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. Lab fees if applicable will be charged.

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 academic or disciplinary probation may not represent Castleton publicly in intercollegiate athletics or in a leadership capacity in student organizations. An academic dean or the dean of students 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 or the dean of students, 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 the appropriate 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 satisfactory academic progress standards and 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 only while a student is still an undergraduate at Castleton. The student must have completed two semesters of acceptable work before applying for it. 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 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 sets specific attendance regulations for each course.

Form and Style for Written Work

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

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 *College 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.

Evaluation of Transfer Credits

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.

Honors Scholarship Program

The Castleton Honors Scholarship Program is open to eligible new full-time, first-year, matriculating students who enroll during the fall semester. Transfer students who have earned fewer than 12 credits with a cumulative college grade point average of 3.0 or higher are also eligible. Students in this program learn with similarly motivated students in an Honors First-Year Seminar during the fall semester and in Honors Touchstones of Western Literature in the spring semester. In addition, honors scholars will also benefit from priority registration during their first academic year.

Students who are admitted by March 1, 2013 will be awarded a scholarship based on the following eligibility criteria*:

Critical Reading and Math Combined SAT Score	High School Grade Point Average	Scholarship Amount
1200 or higher	3.5/4.0 or higher	up to \$10,000
1100 or higher	3.3/4.0 or higher	up to \$8,000

Eligible students are awarded scholarship upon acceptance to the college. Students who choose to accept the scholarship and matriculate at Castleton will be expected to participate in the program. Scholarships are renewable for up to four years of continuous enrollment at Castleton without regard for need as long as the student maintains a 3.0/4.0 grade point average.

* Students must meet all eligibility criteria. GPA is calculated by Castleton Admissions using academic courses only on an unweighted 4.0 scale. Scholarships are awarded on a first come, first served basis to bachelor degree seeking students. Amounts are non-negotiable and may be used for tuition only.

Honor Societies

- Alpha Chi (Upperclass students)
- Alpha Psi Omega (Theater)
- Iota, Iota, Iota (Women's Studies)
- Kappa Delta Pi (Education)
- Phi Alpha (Social Work)
- Phi Alpha Theta (History)
- Phi Eta Sigma (First-Year Students)
- Psi Chi (Psychology)

- Sigma Beta Delta (Business)
- 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.

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 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. The Vermont State Colleges' policy relevant to the Federal Education Rights and Privacy can be found on the VSC website at 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 (e.g. 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 and administrative 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 APPROVED.** Students may complete the Student Exit Information and Survey forms at the Academic Support Center in Babcock Hall or in the 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.

All students considering resignation/withdrawal must meet with Student Services Center to determine the impact on their student tuition account. Once 60% of the semester has passed, there will be no billing adjustments.

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. When a student's physical or mental condition requires services beyond the 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 will act on the basis of reliable information obtained from appropriate professional services.

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 in the nursing program who take a leave of absence will have to reapply to the Nursing Department. 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 readmission, 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, 20 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 20 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 3000 square foot fitness center and climbing wall.

The 165-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.

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 eleven 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. Three of the halls, Ellis, Babcock, and Hoff Hall are corridor style. Each of the three houses, South, Audet, and North include six pods each containing three double occupancy 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 matriculated students must live in a college residence hall and eat in the college dining facilities unless they commute from their parent's or legal guardian's home. It should be noted that Residence Life contracts are binding for the entire academic year. 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.

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

Career Services

The career services director, in collaboration with the director of community service, 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 Services Office, located in the Campus Center, coordinates personal and on-line career discovery opportunities such as on-campus Career Fairs, Business Etiquette Dinners, and on-line self-discovery software such as FocusCareers (MBTI based). Career Services also provides innovative projects such as Career Talk Radio Shows highlighting the experiences of alumni and top professionals in various fields, hands-on workshops in resume design, interview techniques, networking, and job search skills.

Wellness Center

The Castleton Wellness Center, also located in the Campus Center, supports the educational mission of Castleton by striving to support and encourage the physical, psychological, and social health of students through an array of services. The Wellness Center Staff values confidentiality, respects diversity, and promotes wellness through the concept of continuous personal growth and development. The Wellness Center umbrella of services includes health services, wellness education, counseling services, drug and alcohol services, and education and programming through the CHANGE initiative.

Health Services

Health services at Castleton are provided at no charge. Nurses assess illness and injury, triage, initiate emergency protocols as needed, provide information regarding therapeutic interventions, promote wellness education, and make appropriate referrals to local primary care providers. If students require a referral to an off-campus health care provider, the student will be responsible for all expenses incurred. 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 the Rutland Regional Medical Center, and the regional ambulance service provides 24 hour service to the college community.

Students are required to have a completed medical history form, including an up-to-date immunization record, on file in the Wellness Center, as well as proof of health and accident insurance. (The college offers insurance for a fee.) Failure to provide these materials may result in cancellation of a student's class registration.

Wellness Education

Our coordinator of Campus Wellness Education provides campus-wide health awareness campaigns, population specific programming, workshops, class lectures, and individual education counseling. Topics include nutrition, stress management and resiliency skills, sleep, sexual health and sexuality, eating disorders, tobacco cessation, and alcohol and drug abuse.

Counseling Services

Counseling services are provided at no charge for Castleton students. The Counseling staff of our Wellness Center includes a licensed psychologist, and a graduate student counseling intern. Private practice counselors, who require payment through health insurance billing, are available to students. Castleton counselors promote self awareness, teach effective coping strategies, and encourage responsibility and respect for self and others. Services include: crisis intervention; short-term counseling and referral; group counseling; psycho-educational workshops and presentations; and consultation to the Castleton college community.

Drug and Alcohol Services

A private licensed Alcohol and Drug (AOD) Counselor is available to see students at the Wellness Center. Services include Alcohol and Drug Evaluations, individual counseling, and group counseling. Students using the services of the AOD Counselor pay out of pocket or use their health insurance.

CHANGE Initiative

Creating, Honoring, Advocating and Nurturing Gender Equity (CHANGE) is an awareness and activism program addressing diversity and monthly themed campaigns. CHANGE also encompasses trained student advocates. The Peer Advocates for CHANGE (PAC) use a bystander approach to work toward a violence-free campus. PAC provides presentations that address relationship violence, sexual assault, stalking and harassment. PAC students also staff a confidential, 24-hour phone (802-417-1408) and e-mail (pac@castleton.edu) as a means to provide intervention support.

Testing Services

Career Services 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 and on-line at www.ets.org.

Academic Support Center

The Academic Support Center staff collaborates with Castleton students to help them achieve their academic, personal, and career potential. To this end, we offer academic counseling, tutoring and clinics, advising, services for students with disabilities, assistance with graduation standards, financial literacy education, leadership development, graduate school admissions support, and summer programs. The staff adopts a holistic view of each student and takes pride in our proactive approach to support students in meeting their goals.

Students visit the Academic Support Center for assistance choosing an academic major, assessing their learning style, implementing study skills strategies, preparing for the graduation standards, and selecting courses. Emphasis is often placed on time management, overcoming test anxiety, and understanding the financial aid process. Academic Support offers walk-in

Writing and Math clinics Monday through Friday with both daytime and evening hours, and individual or small group tutoring is available for most courses offered at Castleton.

All 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.

In addition, 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.

The Academic Support Center is funded in large part by a TRIO grant from the U. S. Department of Education. Grant funds are used to improve college success for students who are the first in their family to go to college, students whose family income level is low to moderate, and/or students who have a disability. TRIO-eligible students qualify for additional services including: TRIO grants, financial literacy, our technology loan program, graduate school support, and our Summer Transition Program.

The Academic Support Center 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. All services are offered free of charge. 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/)

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.

Student Government Association

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

The Student Congress, the Campus Activities Board, and the College Court are the chief vehicles of student government. The Congress supervises the expenditure of over \$350,000 a year collected through the annual Student Activity Fee. This fee funds a busy schedule of music, films, comedians, special events, and club activities.

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 Spartan Complex. Under the leadership of the associate dean for athletics and recreation, the college is committed to both intercollegiate, club, and recreational athletic opportunities.

Castleton fields 20 intercollegiate athletic teams (men's and women's soccer, skiing, tennis, cross-country, basketball, lacrosse, ice hockey, women's softball, men's football, 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 student 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.

Video Magazine is produced biweekly by students in television production classes.

The Castleton Spartan is the college's student newspaper, which has a companion website at www.castletonspartan.com. Any student is welcome to join the club and become involved in the biweekly production of the eight-page print copy and the frequently updated website. Students can write stories, columns, reviews and editorials. They can produce videos for the website and learn to upload stories to it. They can take photographs, help with the design of the print product or seek out advertising. Communication Department credits can be earned by working on the paper if approved by the advisor.

Student Employment

Students who qualify for employment under the federal work-study program (that is, those who are awarded Federal Work-Study, by the Financial Aid Office) 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 is available on the financial aid webpage: www.castleton.edu/financialaid/federalworkstudy.htm or by contacting the Student Service Center.

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 College Court may deal with minor problems in the residence halls or an incident that happens on campus.

Statements of college disciplinary and judicial procedures can be found in the College Handbook or the college website www.castleton.edu/campus/collegehandbook/index.htm and other documents available upon request from the Student Life Office.

Admissions

Applications are considered 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 applicants for admission who are best-suited in terms of character, ability and motivation to successfully meet the academic and social responsibilities of the college experience.

Qualified students are admitted without discrimination on the basis of race, color, creed, ancestry, ethnicity, national origin, place of birth, sex, sexual orientation, gender identity, disability, age, veteran status, marital status or any other status protected by law.

To be considered for admission it is required that a student successfully 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)

The College reserves the right to rescind an offer of admission based on changed circumstances or new information that comes to light such as a criminal conviction or act of misconduct (before admission, after admission but before enrollment or during any period of registration/orientation), falsification or misrepresentation during the application process or significantly substandard academic performance in the term or semester prior to enrollment.

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 \$40 non-refundable application fee.
4. A written essay of at least 250 words.
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 \$40 non-refundable application fee. (Students who have previously attended another Vermont State College are exempt from paying this fee.)
5. A written essay of at least 250 words.
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 \$40 non-refundable application fee.
3. A written essay of at least 250 words.
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 math and writing assessments and, as appropriate, may be required to take the Academic Skills Course.

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 complement 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 2012 -2013

<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 \$30,000 a year.

- Students must provide a financial statement demonstrating their ability to finance their total cost of attendance. (all funds must be in U.S. dollars)
- TOEFL is required if English is not your first language. This can be taken in place of SAT/ACT
- All documents must be in English
- All foreign transcripts must be evaluated by an accredited service

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.

Tuition and Fees

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. 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 in effect for the 2012-13 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.

	2012- 2013		VERMONT RESIDENTS		NON- RESIDENTS	
	PER SEMESTER	PER YEAR	PER SEMESTER	PER YEAR		
Tuition	\$ 4,464	\$ 8,928	\$ 10,764	\$21,528		
Tuition: nursing students	5,820	11,640	10,860	21,720		
Room*	2,616	5,232	2,616	5,232		
Board**	1,777	3,554	1,777	3,554		
Student Activity Fee	118	236	118	236		
Student Initiative Fee	350	700	350	700		
Insurance***		2,133		2,133		

*Based on double occupancy, if space permits, single rooms are available for an additional charge of \$697 per semester.

**This amount reflects the charge for a full meal plan (Gold Plan). There is also a 12 meal plan, \$1,710 and an 8 meal plan, \$1,664 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 under a comparable plan. The charge for coverage for the entire 2012-13 year is \$2,133. For students attending only the Spring 2013 semester the charge is \$1,403. Students may be exempted from paying the insurance fee by submitting a selection form electronically through web services certifying that they are covered by a family insurance plan. Deadlines for form submittal are, for the Fall 2012, September 30, and for the Spring 2013 only semester, February 15. Insurance brochures are available online from the Student Services Center website.

Tuition

Students registered for fewer than 12 credits are considered part-time students and are charged on a per credit basis. Students registered for more than 18 credits will be charged for each additional credit of overload. All non-matriculated undergraduates are charged on a per credit basis regardless of the number of credits for which they are registered.

Per Credit Rates

Vermont undergraduates pay \$372 per credit, nursing \$485; non-resident undergraduates pay \$897 per credit, nursing \$905 per credit.

Student Statements

Student account statements will be paperless and may be viewed anytime online. An email will be sent to your college issued email address periodically as a reminder to view your bill. Other options available online include: making a payment, setting up authorized users (parents, e.g.) receiving refunds electronically.

Senior Citizens

Non-matriculated Vermont citizens age 65 or older 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

Residential students are required to pay the room charge of \$2,616 per semester, as well as the board charge for the meal plan selected. Commuting students who wish to eat in the dining hall may pay for the meals individually or purchase a commuter meal plan in Huden Dining Hall.

Fees for 2012-2013

A Student Initiative Fee of \$350 per semester will be assessed to help finance the Castleton Student Initiative projects which include an enlarged and renovated Campus Center, enlarged and renovated gymnasium, and improved athletic fields. A per credit rate of \$29 will also be charged to matriculated part time students.

The Student Association Fee of \$118 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 \$10 per credit up to 12 credits up to a maximum of \$113 per semester for matriculated students.

A late registration fee of \$50 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 \$200 non-refundable registration/orientation/testing fee for fall. Newly admitted spring student will be charged \$200.

A graduation fee of \$82 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 \$35.

Full-time students should anticipate paying approximately \$600 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 \$20 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 1st, which payment can be made online. Students admitted after May 1 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 current returning residential students requesting a room in the Residence Halls. The deposit for Fall 2012 for returning students is due April 10, 2012. Deposits can be paid over the phone or 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 a \$5 charge per transcript. Castleton reserves the right to withhold the 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 prorated 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 re-funded 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

Although the primary responsibility for financing students' education rests with their families, the Financial Aid Office at Castleton State College administers a comprehensive financial aid program to help students afford a college education. The financial aid program at Castleton primarily consists of federal funds (grants, scholarships, loans and work-study). The amount of financial aid awarded is dependent upon availability of funds and demonstration of financial need. Financial need is the difference between the cost of attendance (budget) and the calculated resources of the family (EFC). A student's budget usually includes costs for tuition, fees, room and board, transportation, books and supplies, and personal expenses. In some cases unusual expenses such as medical, 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. The federal aid programs are subject to change due to changes in state and/or federal legislation/regulations.

You may apply for financial aid on-line at www.fafsa.ed.gov.

Vermont residents should also complete the Vermont Grant application. You may apply for this grant on-line at 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. Notification of financial aid eligibility will be emailed to all students advising them to go to WebServices to actually review the financial aid awarded. The student should respond to any request for additional information immediately. To view documents needed go to Web Services Failure to do so may result in loss or delay of financial aid.

Financial Aid is awarded to accepted 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. For 2012-2013 Federal Pell Grants range from \$602 to \$5550. For additional information please refer to the 2012-2013 Financial Aid Terms and Conditions information available via the Castleton State College Financial Aid webpage <http://www.castleton.edu/financialaid/index.htm>.

Federal Work Study – part-time employment. Students are paid directly. Eligible new students are initially awarded up to \$1,500; returning students are initially awarded up to \$2,000.

Federal Direct Student Loans – these funds must be repaid. All Federal Stafford Loans are borrowed from the Department of Education/US.Treasury. These loans are repayable for an extended period of time. Information about Direct Loan levels is available on the Financial Aid webpage: <http://www.castleton.edu/financialaid/federalloans.htm>.

The Perkins Loan program is a separate loan program from the Federal Direct loan program. The funds for this program are limited and distributed based on exceptional need and availability of funds. For 2012-2013 the amount awarded is up to \$1,500.

First Year Student Scholarships

- a. Castleton Honors Scholarship Program awards renewable scholarships that do not have to be repaid and are based on merit.
- b. Recognition Scholarships (Academic Achievement, Citizenship, and Neighbor States Scholarships) are awarded to new students entering in fall 2012. The Academic Achievement scholarship is based on merit, the Citizenship Scholarship is based on merit and financial need, the Neighbor State Scholarship is for students from Massachusetts, New Hampshire, or New York and is based on merit. These scholarships are renewable. For complete criteria, please visit our website/Admissions http://www.castleton.edu/financialaid/scholarships/new_students.htm. The above 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 for financial aid purposes and aid recipient responsibility, is available on the Financial Aid webpage : <http://www.castleton.edu/financialaid/index.htm> or you may contact Student Services /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 FAFSA 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. These standards may change during the student's enrollment period.

Satisfactory Academic Progress Policy (SAP)

In accordance with Federal regulations, these guidelines apply to all students req-Satisfactory Academic Progress Policy (SAP)

In accordance with Federal regulations, these guidelines apply to all students requesting Title IV Federal Financial Aid regardless of whether the student has previously received Title IV aid. These regulations require that recipients of Federal Financial Aid maintain a satisfactory rate of progress toward completion of a degree (pace) and must be in good standing based on a cumulative GPA.

Students will be reviewed at the end of each payment period typically the end of the summer, fall and spring semesters. All semesters of enrollment, including summer, must be considered in the determination of SAP, even periods in which the student did not receive Federal Financial Aid.

Satisfactory Academic Progress requirements:

1. Pace: Students must successfully complete 67% of their attempted credit hours within the VSC as recorded and documented by the Registrar's Office. Dropped courses will not be included. Courses withdrawn from after the end of the add/drop period will be counted toward attempted courses. Successful completion of credit hours means earning grades of A, B, C, D or P. Unsuccessful completion of credit hours means receiving grades of F, NP or W. Remedial courses, those that start with 00, are not used in the SAP calculation. Transfer credits that are accepted toward a student's degree program must count as both attempted and completed.

Examples: How to calculate if you are meeting the minimum required pace of completion requirement for SAP:

- i. If you attempt/enroll in a total of 30 credits during the fall and spring semesters, you must successfully complete at least 20 credits. ($30 \times 67\% = 20$).
 - ii. If you attempt/enroll in 12 credits for one semester (fall or spring), you must successfully complete at least 8 credits. ($12 \times 67\% = 8$).
2. GPA requirement: Undergraduate students must maintain a minimum cumulative GPA of 1.75 based on up to 30 GPA credits and a cumulative GPA of 2.0 for greater than 30 GPA credits as recorded and documented by the Registrar's Office. At the end of the student's second academic year, defined as being at the institution for 4 semesters, regardless of enrollment status, the student must have a GPA/ "GPA credits" of at least 2.0. Graduate students must maintain a minimum cumulative GPA of 3.0.
 3. Maximum Time Frame. The maximum time frame for undergraduate students to complete their academic program may not exceed 150% of the published length of the program, measured in credit hours. Graduate students are expected to complete their degree within 5 academic years from the date of enrollment. Students who have reached the maximum time frame will not be eligible for Federal Financial Aid.

Classification	Time Frame Allowed
AA or AS = 64 credits	96 credits (including transfer credits)
BA or BS = 122 credits	183 credits (including AA or AS credits)
2nd BA or BS degree	60 credits additional

Change in degree program

All credits earned at Castleton plus 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.

Grades and Credits

Courses with grades of “W” (withdrawn), “I” (incomplete), and “F” (failed) are counted as courses attempted but not earned AND count toward the maximum time frame. The Financial Aid Office will not automatically adjust a student’s Satisfactory Academic Progress (SAP) status when grades are changed or finally reported, but rather only upon request from the student. For any grade change (especially regarding a prior grade of “I” (incomplete) that has now been assigned a traditional letter grade, a student is responsible for notifying the Financial Aid Office of such a change and request a review of their SAP evaluation.

Repeat Courses

All attempted credits for repeat courses are counted in the calculations for Satisfactory Academic Progress. The total attempted credits increase with each repeat, but earned credits can only be counted once for each successfully completed course. Therefore, repeating courses may negatively affect the ability to meet the SAP standard and complete 67% of attempted credits.

Courses graded solely on a Pass/Fail basis that are accepted toward the academic program are included when measuring academic progress.

Leave of Absence

A student who takes a leave of absence after the add/drop period of the semester receives a grade of “W” for all courses withdrawn from which may cause the student to not meet the Satisfactory Academic Progress PACE requirement. This can be considered as part of the student appeal.

Transfer Students

Non-VSC Transfer credits, accepted toward the student’s academic program or degree, count as both attempted and earned credits and are counted when measuring PACE but do not impact the grade point average.

VSC earned credits count as both attempted and earned credits and count toward grade point average.

Special Circumstances

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

Monitoring Periods, Warnings and Suspensions

Students will have their academic progress evaluated at the end of each semester (typically summer, fall and spring) regardless of whether the student received financial aid.

Students not making Satisfactory Academic Progress standards will receive communication via email to their Castleton email account and in some situations letters will be sent to the mailing address on record.

Financial Aid WARNING: The first time a student falls below the GPA or Pace standard for SAP, the student will be placed in a financial aid “WARNING” status for one semester. Compliance with SAP standards MUST be regained in the following semester.

Students placed on Financial Aid “WARNING” at the end of the semester in which they did not meet the standard(s) will be eligible to receive Federal Financial Aid funding for the following semester. Students given this status are not required to appeal for possible reinstatement of their financial aid eligibility.

Students placed in the Financial Aid “WARNING” status will be sent a notification advising them of their status, the impact of their future financial aid eligibility and the importance of seeking guidance/advising/counseling from appropriate staff.

Students who do not meet SAP standards after this period of Financial Aid “WARNING” will be denied eligibility for future semesters until they meet SAP standards or submit a SAP Appeal that is approved.

It is possible for a student to be subject to more than one period of financial aid warning throughout the course of their academic career.

Financial Aid SUSPENSION: If the student does not meet SAP after being in a “WARNING” status for one semester, the student is no longer eligible for Federal Financial Aid and will be placed in a Financial Aid “SUSPENSION” status. Students on Financial Aid “SUSPENSION” for failing to make satisfactory progress are not eligible to receive further Federal Financial Aid including grants, work-study and federal student loans.

Students academically dismissed and subsequently reinstated will be placed in Financial Aid “SUSPENSION” status.

Students on Financial Aid “SUSPENSION” may submit a SAP APPEAL. If the appeal is approved the student will be placed on Financial Aid “PROBATION” and will be eligible for financial aid for the subsequent semester. Compliance with SAP standards MUST be regained in the following semester.

NOTE: Financial Aid “SUSPENSION” does not prevent students from attending the college. In some cases, students may be able to continue at their own expense so they can improve their performance and regain Federal Financial Aid eligibility.

Appeal for Probationary Semester Progress

A Castleton Satisfactory Academic Progress Appeal Form will be sent to each student in a Financial Aid Suspension status. The form will explain how SAP has failed to be met and the steps the student needs to take to appeal the loss of Federal Financial Aid. To appeal, students will have to complete the form and submit it along with all supporting documentation to the Director of Financial Aid. As part of the appeal, the student must include information regarding why they failed to make SAP, and what has changed in their situation that would allow the student to demonstrate satisfactory academic progress at the next evaluation, which will be at the end of the following semester. Along with the appeal form, the student must also submit an academic plan for the subsequent 3 semesters. An appeal must be based on significant mitigating circumstances that seriously impacted academic performance. Examples of mitigating circumstances are serious illness, severe injury, death of a family member, employment change, family catastrophe or personal tragedy. Appeal approval will be based on the likelihood that the student will meet SAP at the next review. Please note that merely filing an appeal does NOT guarantee continued eligibility for Federal Financial Aid. Appeals based on circumstances that were under the control of the student are rarely approved. Students should make every effort to improve their SAP standing as they will be limited to two SAP appeals.

If a student’s appeal is approved by the Satisfactory Academic Progress Appeal Committee, the student will be considered for Federal Financial Aid and will be placed in a Financial Aid “PROBATION” status for one semester. At the end of that semester SAP will be reviewed again. The student may re-establish eligibility to be considered for Federal Financial Aid for a subsequent semester by meeting SAP standards or by meeting the specific academic plan submitted with the appeal as determined by the Satisfactory Academic Progress Appeal Committee.

If an appeal for Federal Financial Aid is denied, the decision is final for that semester. The student may re-establish eligibility to be considered for Federal Financial Aid for a subsequent semester by taking action that brings him or her into compliance with the GPA and PACE components of Castleton's SAP standards.

The student will be sent an email and/or letter advising them of the outcome of the appeal.

Reinstatement of Federal Aid Eligibility

A student whose financial aid eligibility has been terminated for failure to maintain Satisfactory Academic Progress and who is subsequently found to be meeting the SAP standards and who meets all other eligibility requirements shall be eligible for Federal Financial Aid.

Repayment of Financial Aid

Students receiving financial assistance from the Federal Pell Grant program, the Federal Supplemental Educational Opportunity Grant program, the Federal Perkins Loan program, or the Federal Direct or 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 Withdrawal and Return of Financial Aid Policy is available on the Financial Aid webpage:
<http://www.castleton.edu/financialaid/withdrawal/andreturn1112.htm>

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 Academic Information

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 preeminence 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-three 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 semester and transfer students with fewer 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 Seminar instructors also act as their academic advisors during their first year at Castleton.

Some seminars are linked to a second companion course, forming a cohort or learning community. 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 teaching sustainable practices. In the first semester, as a member of the Castleton State College community, students are asked to help solve an environmental problem affecting all of us through recycling that is part of our larger Green Campus Initiative. Projects are aimed at preparing our graduates for engaged, environmentally responsible citizenship.

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 a student'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 departments. 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 Placement Program

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, ENG 1010 and MAT 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 and MAT 1010 do not count toward diploma requirements. Incoming students may also be required to take a math placement test. 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 Education Department licensure programs, the Nursing degree program, the Physical Education licensure program, the Athletic Training Program, the Sports Administration 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. Some programs require students to complete a minor 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 750,000 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 several regional and national library networks. The library has an integrated online system that is shared with the other four Vermont State Colleges. The library home page (www.castleton.edu/library) is the gateway to most library services and collections, including a number of databases that include full text of articles and books.

Students have access to a variety of media, including a collection of videos and DVDs that can be checked out or watched in individual viewing carrels or group study rooms in the library. The campus Media Center provides media equipment for students to borrow, including a variety of still and video cameras, digital voice recorders, and more. iMovie and Final Cut are available for students who need editing equipment. The Media Staff offer instruction and support for Moodle, PowerPoint, Turning Point clickers, and Smart Technologies.

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

Lab Computers and Software

There are approximately 225 computers on campus for student use. The largest general access lab, the Academic Computing Center (ACC), is overseen by IT Services. There are also a dozen smaller labs managed by individual academic departments. A wide variety of software is available.

Academic Computing Center – ACC

The ACC, located in the Stafford Academic Center, is open to students and the Castleton community approximately 90 hours per week during the regular school year. It is equipped with 38 Windows computers and 15 Macintosh computers running a variety of software. The ACC is also adjacent to two teaching labs - one Windows and one Macintosh - each containing 21 computers. These are open to student use when not in use by classes. Available peripherals include high speed laser printers and scanners. The ACC is managed and maintained by a student staff under the guidance of IT Services.

Other Academic Labs

- Business Administration
- Chemistry
- Communication
- Library
- Modern Foreign Languages
- Music
- Natural Science
- Nursing
- Physics

- Psychology
- Sociology/Social Work/Criminal Justice

Internet Access and Email

Access to the Internet is available from all labs, classrooms, and residence hall rooms. Wireless access is available in all residence halls and campus common areas. Accounts to access Castleton's online services, including email, the portal and VSC Web Services are created shortly after students register.

Special Academic Opportunities

Certificate for Civic Engagement

This certificate, open to degree-seeking students regardless of major, allows students to develop knowledge and skills necessary for promoting positive change in their communities by combining disciplinary and inter-disciplinary coursework with direct community service, engagement, and leadership. The receipt of the Civic Engagement Certificate will be noted on the student's transcript when the degree is awarded.

Complete the following requirements:

1. Attend required two-hour orientation and training session.
2. Declare interest in Civic Engagement program by beginning of junior standing.
3. Successfully complete four courses designated Civic Engagement:
 - a. At least two of the four courses must be from different General Education Frames of Reference.
 - b. The remaining two courses may be from within or outside the General Education curriculum.
 - c. At least one of the four courses must be at the 3000 level or above.
 - d. No more than two courses from any one discipline can be used to complete the four-course requirement.
4. Complete 160 hours (40 hours average per year) of service fieldwork approved by the Civic Engagement Committee:
 - a. Fieldwork related to coursework or to extracurricular activities may be used to complete the 160-hour requirement.
 - b. All service, regardless of designation of "service," "engagement," or "leadership" can be counted toward the 160-hour requirement.
5. Complete Project/Paper:
 - a. After at least three courses and at least 75% of hours are completed, students will prepare project/paper to be completed prior to graduation.
 - b. Paper/project may be based upon service hours or Civic Engagement courses, but will be reviewed by a designated panel of faculty at the proposal and final stages.
 - c. Project/paper will demonstrate service, engagement, and leadership aspects.

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 *College Handbook*.

British Experience: Castleton offers a Semester in Greater London at Roehampton University. Students are accompanied to London by our faculty and enroll at Roehampton, living in suites with British students. Information about costs, course offerings and travel/housing arrangements can be obtained in the office of the Associate Academic Dean.

Fall in the Field: Castleton's Semester in Santa Fe provides a hands-on, multicultural experience in the American Southwest. Faculty from Castleton teach in Santa Fe for the semester. Students live in Santa Fe learning about the cultures (Native American, Mexican and Anglo) and history of the area through course work and service. They also make field trips to Native American sites and other national parks.

Short Travel Courses: Travel courses of shorter duration (10 to 14 days) are offered with some frequency. These courses are listed in the semester or summer course schedule and have gone to Machu Pichu in Peru, St. John for coral reef checking, the Galapagos, and Belize to explore what remains of the Mayan culture. For examples of the kinds of courses that have been offered, see <http://www.castleton.edu/travel>; courses change regularly.

Study Abroad: Any student with good advance planning may study abroad. The Spanish and Global Studies majors require all students to spend time abroad, arranged in consultation with the Study Abroad Advisor or the International Resource Coordinator. Students wishing to participate in non-Castleton programs abroad should first consult with their departmental advisor and, after selecting a program, get pre-approval for course work to ensure that credits will transfer back to Castleton.

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 becomes aware of what a potential career looks like on the ground, and also how his or her courses relate to and support the career choice.

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 and the on-site supervisor. 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 Science degree programs in Business, Communication, 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 2010-2011 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 Music

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, and who enroll at Castleton, will be considered to have completed all general education requirements for the Castleton bachelor's degree, including Soundings. For the 2010-2011 academic year, these include the writing, quantitative reasoning, information literacy, and speaking standards. Once a student meets a VSC graduation standard at the bachelor's level at one institution, it will count at the bachelor's level for all VSC institutions.

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.

Master of Science in Accounting (MSA) at Castleton State College

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.

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 General Academic Information for more information.

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. Possible courses that fulfill 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

Students 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 recommendations for improvement noted by readers of the timed essays from ENG 1061 and the student's first writing intensive course as well as the student's culminating essay. Students will sit for the culminating essay, offered each semester, during a special session scheduled near the conclusion of their final required writing intensive course. The student's culminating essay is reviewed by a college committee, which determines whether the essay receives a "pass," a "no pass," or a "pass with distinction." Students whose essays receive a "no pass" are encouraged to complete another writing intensive course, near the end of which they will be afforded the opportunity to compose another culminating essay. Those who elect not to complete an additional writing intensive course, for whatever reason, are responsible for both inquiring as to the date and time of each semester's opportunity to sit for the culminating essay and indicating their desire to participate.

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. Essays in the writing assessment folder will be evaluated according to the College's Writing Standards. For a complete description of the process through which students fulfill Castleton's writing standard, see the booklet, "A Guide to the Castleton State College Writing Standards," which is available in paper copy at the Office of the Dean of Undergraduate Studies, the English Department, the Academic Support Center, or the Calvin Coolidge Library and in electronic form on the college website.

Quantitative Reasoning Standard

Students 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 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. Students who have earned either a 600 or higher on the math section of the SAT or a 175 or higher on the math section of Praxis I will have satisfied the Quantitative Reasoning Standard upon submission of their scores to the Registrar. Further information is available in the Associate Deans' office.

Information Literacy Standard

Students must receive a passing grade on the college Information Literacy assessment before they can graduate. This exam-based assessment is designed to test student competencies, as identified in the Association of College and Research Libraries' Information Literacy Competency for Higher Education, in basic skills related to determining the nature and extent of information needed; accessing the needed information effectively and efficiently; evaluating information and its sources critically and incorporating selected information into one's knowledge base and value system; and understanding many of the economic, legal and social issues surrounding the use of information and the issue of assessing and using information ethically and legally. Students are encouraged to complete the assessment soon after they have passed ENG 1061 and their FYS requirement. Instruction in the skills and knowledge on which the information literacy assessment is based is available through the library. Further information is available in the Associate Academic 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.

AU1. Students will demonstrate awareness and understanding of several forms of cultural expression such as: creative writing, dance, motion picture arts, music, theatre, and visual arts.

AU2. Students will be able to critically discuss and write about the arts.

AU3. Students will develop an understanding of the historical and/or philosophical context of forms of human expression, and the value of aesthetic activities.

AU4. Students will gain a broader knowledge of the contribution of the arts to society.

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.

SM1. Students will demonstrate scientific literacy.

SM2. Students will be able to apply the scientific method, as well as understand the values and limitations of scientific investigation.

SM3. Students will be able to explain how our natural world is affected by human and nonhuman processes.

SM4. Students will demonstrate proficiency in logical and mathematical reasoning, allowing them to acquire, understand, and apply mathematical concepts and information in quantitative, qualitative, and statistical ways.

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.

WV1. Students will explore various aspects of thought, culture, language and tradition, as seen in various forms of communication among the peoples of the world.

WV2. Students will demonstrate a broader knowledge of the commonalities and the diversity of cultures of the world.

WV3. Students will understand themselves in the larger contexts of their own and other cultures.

WV4. Students will learn about various schools of philosophical thought.

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.

SB1. Students will be able to describe basic theories of human behavior and personality, including environmental factors that influence the development of human personality.

SB2. Students will be able to describe theories of, and differences in, human social organization, including the organizational structures of economic life and work, family, marriage, child rearing, education, and politics around the world.

SB3. Students will be able to describe issues and theories about the relationship between society and the individual, including the political and economic factors that influence that relationship.

SB4. Students will be able to describe moral and ethical issues and theories concerning human life both individually and socially.

SB5. Students will develop a basic understanding of the intersections of our human environment with the natural environment.

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 General Academic Information 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 First-Year Soundings I (INT 1051 or INT 1052)

Computer Requirement – Complete either ART 1230, COM 1230, BUS 1270, EDU 1100 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 cr
World Views: Cultural, Historical, and Philosophical	3-4 cr
Social and Behavioral Understanding	3 cr
Minimum Total Credits Required for an Associate’s Degree:	64 cr

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 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. Students who completed the writing standard at another VSC college at the associate’s level will need to complete one additional writing intensive course plus the culminating essay to pass the Writing Standard at the Bachelor’s level.

*Students must take First Year Soundings I 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.

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 First-Year Soundings I (INT 1051 or INT 1052) and First-Year Soundings II (INT 1053), and Junior Soundings (INT 3054)

Computer Requirement – Complete one of the following: ART 1230, BUS 1270, COM 1230, EDU 1100, GEO 2210, MUS 3450, SCI 2210 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 (L).

Four Frames of Reference:

Aesthetic Understanding and Activities (2 subjects required)	6 cr
Scientific and Mathematical Understanding (No more than 2 courses in the same subject may be used to fulfill this frame)	10 cr
World Views: Cultural, Historical, and Philosophical (2 subjects required)	6 cr
Social and Behavioral Understanding (2 subjects required)	6 cr
Minimum Total Credits Required for a Bachelor’s Degree:	122 cr

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 must take First-year Soundings I and II during their first year at Castleton. Students with a bachelor’s 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 bachelor level will have met the standard in that area at Castleton.

Students transferring 60 or more credits at the time of entry are exempt from First-year Soundings I.

Four Frames of Reference

Aesthetic Understanding and Activities

Each course is 3 credits unless otherwise specified; two subjects required.

Art History

- ARH 1010 - Introduction to the History of Art **3 cr**
- ARH 1020 - Critical Periods of Western Art **3 cr**
- ARH 2011 - Survey of Western Art I **3 cr**
- ARH 2012 - Survey of Western Art II **3 cr**
- ARH 2030 - History of Architecture **3 cr**
- ARH 3010 - Classical Art: Greece and Rome **3 cr**
- ARH 3030 - Italian Renaissance Art **3 cr**
- ARH 3040 - The Art of Medieval Europe **3 cr**
- ARH 3050 - American Art **3 cr**
- ARH 3051 - History of Nineteenth Century Art **3 cr**
- ARH 3052 - History of Twentieth Century Art **3 cr**
- ARH 3070 - Art Since 1945 **3 cr**

Art

- ART 1011 - Drawing **3 cr**
- ART 2012 - Drawing II **3 cr**
- ART 3011 - Drawing III **3 cr**
- ART 4011 - Drawing IV **3 cr**
- ART 1020 - Introduction To Studio Arts **3 cr**
- ART 2130 - Experimental Video **3 cr**
- ART 2211 - Painting **3 cr**
- ART 2212 - Painting II **3 cr**
- ART 3113 - Painting III **3 cr**
- ART 4114 - Painting IV **3 cr**
- ART 2251 - Sculpture I **3 cr**
- ART 2252 - Sculpture II **3 cr**
- ART 3253 - Sculpture III **3 cr**
- ART 2301 - Photography I **3 cr**
- ART 2302 - Photography II **3 cr**
- ART 3303 - Photography III **3 cr**
- ART 2311 - Printmaking I **3 cr**
- ART 2312 - Printmaking II **3 cr**
- ART 3313 - Printmaking III **3 cr**

Biology

- BIO 1070 - Biological Illustration **3 cr**

Communication

- COM 2050 - Introduction to Film Studies **3 cr**
- COM 2130 - Experimental Video **3 cr**
- COM 2140 - Race, Gender and Sexuality in Mass Media **3 cr**
- COM 3020 - Documentary Workshop **3 cr**
- COM 4020 - Screen Drama Workshop **3 cr**

English

- ENG 1310 - Introduction to Literature (L) **3 cr**
- ENG 2161 - World Literature through Renaissance (L) **3 cr**
- ENG 2162 - World Literature from Enlightenment (L) **3 cr**
- ENG 3170 - Epic Poetry (L) **3 cr**
- ENG 3180 - Lyric Poetry (L) **3 cr**
- ENG 3210 - Greek Tragedy (L) **3 cr**
- ENG 3220 - World Fiction (L) **3 cr**
- ENG 3230 - Asian Literature **3 cr**
- ENG 3260 - Western Mythology (L) **3 cr**
- ENG 3290 - Studies in World Literature (L) **3 cr**
- ENG 3310 - Dante (L) **3 cr**
- ENG 3520 - American Poetry (L) **3 cr**
- ENG 3530 - American Novel (L) **3 cr**
- ENG 3550 - American Short Fiction (L) **3 cr**
- ENG 3560 - American Drama (L) **3 cr**
- ENG 3570 - American Literary Movements (L) **3 cr**
- ENG 3580 - African American Literature (L) **3 cr**
- ENG 3600 - American Literary Careers (L) **3 cr**
- ENG 3610 - Women Writers (L) **3 cr**
- ENG 3660 - Folk Tales (L) **3 cr**
- ENG 3670 - American Culture

Foreign Language and Literature

- FLL 1110 - Film and Lit: Hispanic, French and Italian **3 cr**

Music

- MUS 1010 - Music Appreciation **3 cr**
- MUS 1030 - Music Fundamentals **3 cr**
- MUS 1041 - Class Piano I **2 cr**
- MUS 1080 - Global Music **3 cr**
- MUS 1090 - Foundations of Music Education **3 cr**
- MUS 1210 - Chorus: Collegiate Chorale **0-1 cr**
- MUS 1220 - Wind Ensemble **0-1 cr**
- MUS 1231 - Music Theory I **3 cr**

- MUS 2031 - History of Western Music: Ancient to Baroque **3 cr**
- MUS 2032 - History of Western Music: Classical to Modern **3 cr**

Philosophy

- PHI 3060 - Aesthetics **3 cr**

Spanish

- SPA 1180 - Latin American Writers **3 cr**
- SPA 2020 - Intermediate Spanish: Introduction to Contemporary Literature **3 cr**
- SPA 3040 - Spain: The Making of the Canon (1492-1899) **3 cr**
- SPA 3050 - Spain: The Making of the Canon (1900 to the present) **3 cr**
- SPA 3060 - Latin America: The Making of the Canon (1492-1899) **3 cr**
- SPA 3070 - Latin America: The Making of the Canon (1900 to the present) **3 cr**
- SPA 3080 - Spanish Civilization **3 cr**
- SPA 3110 - Latin American Novel and Short Story **3 cr**
- SPA 3120 - Golden Age Theater **3 cr**
- SPA 3130 - Twentieth Century Spanish Literature **3 cr**
- SPA 3150 - The Novel of the Mexican Revolution **3 cr**
- SPA 3160 - Latin American Women Writers **3 cr**

Theater Arts

- THA 1041 - Introduction to Theater Arts **3 cr**
- THA 1111 - Stagecraft I **3 cr**
- THA 2050 - Introduction to Film Studies **3 cr**
- THA 2121 - Acting I **3 cr**
- THA 4410 - Theater in Education **3 cr**

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 4 credit course in this frame. No more than two courses of the same subject may count to fulfill frame.

Biology

- BIO 1010 - Human Biology and Laboratory **4 cr**
- BIO 1070 - Biological Illustration **3 cr**
- BIO 1160 - Flora of Vermont **3 cr**

- BIO 1270 - Horticulture of Medicinal Plants **3 cr**
- BIO 1310 - Explorations in Biology **1 cr**
- BIO 1320 - Tropical Diversity **4 cr**
- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- BIO 2140 - Botany **3 cr**
- BIO 2310 - Animal Diversity **4 cr**

Chemistry

- CHE 1020 - Introductory Chemistry **4 cr**
- CHE 1031 - General Chemistry I **4 cr**
- CHE 1032 - General Chemistry II **4 cr**

Computer Information Systems

- CIS 2011 - Visual Basic Programming **3 cr**
- CIS 2031 - C# Programming I **3 cr**
- CIS 2032 - C# Programming II **3 cr**

Geography

- GEO 2220 - Weather and Climate **3 cr**

Geology

- GEY 1010 - Explorations in Geology **1 cr**
- GEY 1030 - Dynamic Earth **4 cr**
- GEY 1040 - Environmental Geology **4 cr**
- GEY 1050 - The Earth through Time **4 cr**
- GEY 2110 - Energy and Environment **3 cr**
- GEY 3110 - Hydrogeology **4 cr**

Mathematics

- MAT 1221 - Finite Mathematics **3 cr**
- MAT 1320 - Precalculus **3 cr**
- MAT 1531 - Calculus I **4 cr**
- MAT 2021 - Statistics I **3 cr**
- MAT 2022 - Statistics II **3 cr**
- MAT 2532 - Calculus II **4 cr**
- MAT 2550 - Mathematics: A Cultural Perspective **3 cr**

- MAT 3250 - Applied Statistics **3 cr**

Music

- MUS 1231 - Music Theory I **3 cr**
- MUS 1232 - Music Theory II **3 cr**

Physical Education

- AHS 2150 - Designs for Fitness **3 cr**

Physics

- PHY 1110 - Introduction to Astronomy **3 cr**
- PHY 1140 - Astronomy: Exploring the Universe **4 cr**
- PHY 1150 - Physics for Elementary Teachers **4 cr**
- PHY 2110 - Physics I **4 cr**

Philosophy

- PHI 1020 - Critical Thinking **3 cr**
- PHI 1030 - Introduction to Logic **3 cr**
- PHI 3050 - Philosophy of Science **3 cr**

Science

- SCI 1310 - The History of Science **3 cr**

World Views: Cultural, Historical and Philosophical

Each course is 3 credits unless otherwise specified; two subjects required.

Anthropology

- ANT 1010 - Introduction to Cultural Anthropology **3 cr**
- ANT 2210 - Anthropology and the Environment **3 cr**

Art History

- ARH 1010 - Introduction to the History of Art **3 cr**
- ARH 1020 - Critical Periods of Western Art **3 cr**
- ARH 2011 - Survey of Western Art I **3 cr**
- ARH 2012 - Survey of Western Art II **3 cr**
- ARH 2030 - History of Architecture **3 cr**
- ARH 3010 - Classical Art: Greece and Rome **3 cr**
- ARH 3030 - Italian Renaissance Art **3 cr**
- ARH 3040 - The Art of Medieval Europe **3 cr**
- ARH 3051 - History of Nineteenth Century Art **3 cr**
- ARH 3052 - History of Twentieth Century Art **3 cr**
- ARH 3070 - Art Since 1945 **3 cr**

Business

- BUS 3245 - Global Marketing **3 cr**

Communication

- COM 2160 - International Communication **3 cr**
- COM 2250 - History of Mass Media **3 cr**
- COM 3130 - International Cinema **3 cr**
- COM 3760 - Special Topics in Mass Media **3 cr**

Economics

- ECO 2120 - U.S. Economic History **3 cr**
- ECO 3220 - International Trade and Development **3 cr**

English

- ENG 2161 - World Literature through Renaissance (L) **3 cr**
- ENG 2162 - World Literature from Enlightenment (L) **3 cr**
- ENG 3260 - Western Mythology (L) **3 cr**
- ENG 3170 - Epic Poetry (L) **3 cr**
- ENG 3220 - World Fiction (L) **3 cr**
- ENG 3230 - Asian Literature **3 cr**
- ENG 3290 - Studies in World Literature (L) **3 cr**
- ENG 3310 - Dante (L) **3 cr**
- ENG 3660 - Folk Tales (L) **3 cr**

Foreign Language and Literature

- FLL 1110 - Film and Lit: Hispanic, French and Italian **3 cr**

French

- FRE 1111 - French I **3 cr**
- FRE 1112 - French II **3 cr**
- FRE 2011 - French III **3 cr**
- FRE 2012 - French IV **3 cr**

Geography

- GEO 2020 - World Regional Geography **3 cr**
- GEO 2150 - Cultural Geography **3 cr**

History

- HIS 1010 - Roots: Historical Perspectives on Global Problems and Issues **3 cr**
- HIS 1111 - World History I **3 cr**
- HIS 1112 - World History II **3 cr**
- HIS 1210 - Survey of U.S. History **3 cr**
- HIS 2410 - History and Culture of Latin America **3 cr**
- HIS 2431 - African History Before 1885 **3 cr**
- HIS 2432 - African History After 1885 **3 cr**
- HIS 2530 - Women in History **3 cr**
- HIS 3170 - Environmental History: The U.S. Conservation Movement **3 cr**
- HIS 3220 - Revolutions in Latin America **3 cr**
- HIS 3475 - Women and Gender in African History **3 cr**
- HIS 3510 - Chinese History and Culture **3 cr**
- HIS 3520 - Japanese History and Culture **3 cr**

Interdisciplinary Studies

- INT 2015 - The Collapse of a Civilization **4 cr**
- INT 2020 - Great Ideas in the Castleton Curriculum **3 cr**

Mathematics

- MAT 2550 - Mathematics: A Cultural Perspective **3 cr**

Music

- MUS 2031 - History of Western Music: Ancient to Baroque **3 cr**
- MUS 2032 - History of Western Music: Classical to Modern **3 cr**

Philosophy

- PHI 1010 - Introduction to Philosophy **3 cr**
- PHI 1040 - Introduction to Ethics **3 cr**
- PHI 2010 - Comparative Religions **3 cr**
- PHI 3011 - History of Philosophy I **3 cr**
- PHI 3012 - History of Philosophy II **3 cr**
- PHI 3110 - Metaphysics **3 cr**
- PHI 3170 - Western Faiths **3 cr**

Political Science

- POS 3221 - Political Philosophy I **3 cr**
- POS 3222 - Political Philosophy II **3 cr**

Spanish

- SPA 1011 - Spanish I **1-3 cr**
- SPA 1012 - Spanish II **3 cr**
- SPA 2011 - Spanish III **3 cr**
- SPA 2012 - Spanish IV **3 cr**
- SPA 1180 - Latin American Writers **3 cr**
- SPA 2020 - Intermediate Spanish: Introduction to Contemporary Literature **3 cr**
- SPA 2030 - Spanish American Cultures **3 cr**
- SPA 3010 - Advanced Grammar, Composition and Conversation **3 cr**

Spanish

- SPA 1011 - Spanish I **1-3 cr**
- SPA 1012 - Spanish II **3 cr**
- SPA 2011 - Spanish III **3 cr**
- SPA 2012 - Spanish IV **3 cr**
- SPA 1180 - Latin American Writers **3 cr**
- SPA 2020 - Intermediate Spanish: Introduction to Contemporary Literature **3 cr**
- SPA 2030 - Spanish American Cultures **3 cr**
- SPA 3010 - Advanced Grammar, Composition and Conversation **3 cr**
- SPA 3030 - Advanced Composition and Conversation **3 cr**

- SPA 3040 - Spain: The Making of the Canon (1492-1899) **3 cr**
- SPA 3050 - Spain: The Making of the Canon (1900 to the present) **3 cr**
- SPA 3060 - Latin America: The Making of the Canon (1492-1899) **3 cr**
- SPA 3070 - Latin America: The Making of the Canon (1900 to the present) **3 cr**
- SPA 3080 - Spanish Civilization **3 cr**
- SPA 3110 - Latin American Novel and Short Story **3 cr**
- SPA 3120 - Golden Age Theater **3 cr**
- SPA 3130 - Twentieth Century Spanish Literature **3 cr**
- SPA 3150 - The Novel of the Mexican Revolution **3 cr**
- SPA 3160 - Latin American Women Writers **3 cr**

Theater

- THA 2011 - Survey of Theater History I **3 cr**
- THA 2012 - Survey of Theater History II **3 cr**
- THA 3135 - International Cinema **3 cr**

Women's and Gender Studies

- WGS 1020 - Introduction to Women's And Gender Studies **3 cr**

Social and Behavioral Understanding

Each course is 3 credits unless otherwise specified; two subjects required.

Communication

- COM 1220 - Introduction to Communication **3 cr**
- COM 3050 - Media, Social Activism and Political Action **3 cr**

Economics

- ECO 1010 - Economics and Society **3 cr**
- ECO 1030 - The Economics of Wealth and Poverty **3 cr**
- ECO 2010 - Economic Analysis
- ECO 2110 - International Trade and Development
- ECO 3050 - Women in the Economy **3 cr**
- ECO 3210 - Great Ideas in Economics **3 cr**

Environmental Studies

- ENV 1210 - Environmental Harm and Mitigation Strategies **3 cr**

Music

- MUS 1080 - Global Music **3 cr**

Physical Education

- AHS 2120 - Wellness for Life **3 cr**

Philosophy

- PHI 2060 - Business Ethics **3 cr**
- PHI 2120 - Social and Political Philosophy **3 cr**
- PHI 3020 - Medical Ethics **3 cr**
- PHI 3160 - Environmental Ethics **3 cr**

Political Science

- POS 1020 - American Politics and Government **3 cr**
- POS 1030 - Comparative Politics and Government **3 cr**
- POS 2040 - International Relations **3 cr**

Psychology

- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 2040 - Social Psychology **3 cr**
- PSY 2170 - Drugs and Behavior **3 cr**
- PSY 2280 - Positive Psychology **3 cr**
- PSY 3139 - Health Psychology
- PSY 3265 - Child and Adolescent Development **3 cr**

Sociology

- SOC 1010 - Introduction to Sociology **3 cr**
- SOC 1030 - Social Problems **3 cr**

Social Sciences

- SSC 1010 - Introduction to the Study of Community **3 cr**

Social Work

- SWK 1010 - Introduction to Human Services **3 cr**
- SWK 2020 - Family Violence **3 cr**
- SWK 2030 - Human Sexuality **3 cr**
- SWK 2130 - Introduction to the Study of Aging **3 cr**

Women's and Gender Studies

- WGS 1020 - Introduction to Women's And Gender Studies **3 cr**

Academic Departments

Art Department

Department Chair: Professor William Ramage

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.

Major

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 **3 cr** (Spring)
- ART 1011 - Drawing **3 cr** (Fall)
- ART 1020 - Introduction To Studio Arts **3 cr** (Fall)
- ART 1030 - Composition and Concepts in Painting **3 cr** (Spring)

Complete the following art courses:

- ARH 2011 - Survey of Western Art I **3 cr** (second year)
- ARH 2012 - Survey of Western Art II **3 cr** (second year)
- ART 2012 - Drawing II **3 cr** (third year)
- ART 2251 - Sculpture I **3 cr** (second year)
- ART 2311 - Printmaking I **3 cr** (second year)
- ART 3131 - Professional Studio Arts I **3 cr** (third year)
- ART 4133 - Professional Studio Arts II **3 cr** (fourth year)
- ART 4920 - Senior Exhibition/Presentation **1 cr** (fourth year)

Choose a field of concentration and complete specified courses:

Painting

- ART 2212 - Painting II **3 cr**
- ART 3113 - Painting III **3 cr**
- ART 4114 - Painting IV **3 cr**

Sculpture

- ART 2252 - Sculpture II **3 cr**
- ART 3253 - Sculpture III **3 cr**
- ART 4254 - Sculpture IV **3 cr**

Printmaking

- ART 2312 - Printmaking II **3 cr**
- ART 3313 - Printmaking III **3 cr**
- ART 4314 - Printmaking IV **3 cr**

Art History

Choose three courses from the following options:

- ARH 2030 - History of Architecture **3 cr**
- ARH 3010 - Classical Art: Greece and Rome **3 cr**
- ARH 3030 - Italian Renaissance Art **3 cr**
- ARH 3040 - The Art of Medieval Europe **3 cr**
- ARH 3050 - American Art **3 cr**
- ARH 3051 - History of Nineteenth Century Art **3 cr**

- ARH 3052 - History of Twentieth Century Art 3 cr
- ARH 3070 - Art Since 1945 3 cr

Total for each of these concentrations: 43 cr

Photography

- ART 2301 - Photography I 3 cr
- ART 2302 - Photography II 3 cr
- ART 3303 - Photography III 3 cr
- ART 4304 - Photography IV 3 cr

Total in Photography Concentration: 46 cr

Graphic Design

The graphic design concentration is computer based.

Students are required to complete:

- ART 2221 - Graphic Design I 3 cr
- ART 2222 - Graphic Design II 3 cr

And choose two courses from the following

- ART 2040 - Typographic Design 3 cr
- ART 2140 - Advertising Design 3 cr
- ART 2160 - Publication Design 3 cr
- ART 3110 - Children's Book Illustration 3 cr
- ART 3130 - Web Graphics and Animation 3 cr

Total in Graphic Design Concentration: 46 cr

Minor

Art History Minor (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 three 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.

Studio Art Minor (ART)

Required Courses:

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

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

Note:

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

Business Administration Department

Department Chair: Professor Peg Richards

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.

Certification to teach Business Education

Students seeking certification in Business Education should complete a double major in Business and a Liberal Arts discipline. In addition, students must select to either complete the undergraduate education requirements or continue into the graduate program in education to complete licensure requirements. It is strongly suggested that students work with an advisor from the Education Department.

Major

Business Administration, Accounting (BS.BUS.ACC)

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. Internships can be available for qualified students. 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 are encouraged to use their selection of frames of reference courses and other free elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Free elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

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 computers 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 - Fundamentals of Financial Statement Analysis 3 cr
- ACC 3010 - Accounting for Management Decisions 3 cr
- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2030 - Case Studies in Business Administration 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 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 3 cr

Total credits required: 39 cr

It is strongly recommended that all students majoring in Business Administration complete either MAT 2021 - Statistics I and MAT 2022 - Statistics II or MAT 2021 - Statistics I and MAT 1531 - Calculus I for the scientific and mathematical frame of reference to be adequately prepared for upper level business study.

Concentration in Accounting

Students completing a Bachelor of Science in Business Administration with a concentration in Accounting are prepared to pursue careers as corporate, not-for-profit, or small business accountants or to continue their studies at the graduate level. With the addition of the Master of Science in Accounting degree, students are prepared for careers in public accounting and advancement in private accounting. A career as a professional accountant requires a commitment to lifelong learning as the profession is continually evolving. Therefore, pre-entry education should lay the base on which lifelong learning can be built. This base has three components: skills, knowledge, and professional orientation.

Castleton offers one year Master of Science degree for students seeking licensure as a certified public accountant or continued career advancement in either corporate, not-for-profit, or government organizations. Castleton's online graduate catalog contains a more thorough discussion of the degree including course descriptions. Requirements for initial CPA licensure vary by state; students desiring initial licensure in states other than Vermont should review the requirements of that state.

Students completing a Bachelor of Science in Business Administration with a concentration in Accounting will demonstrate technical competency and professional knowledge in accounting theory, auditing, and individual income taxation.

All Accounting concentration students must successfully complete the following courses:

- ACC 3211 - Corporate Financial Reporting I 3 cr
- ACC 3212 - Corporate Financial Reporting II 3 cr
- ACC 4213 - Corporate Financial Reporting III 3 cr
- ACC 4010 - Accounting Information Systems 3 cr
- ACC 4041 - Income Tax I 3 cr
- ACC 4041L - Individual Tax Preparation 1 cr
- ACC 4050 - Auditing and Assurance Services 3 cr

and one of the following two courses:

- BUS 4130 - Quantitative Business Decisions 3 cr
- BUS 4110 - Operations Management 3 cr

Total credits required: 22 cr

Business Administration, Management (BS.BUS.MGT)

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. Internships can be available for qualified students. 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 are encouraged to use their selection of frames of reference courses and other free elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Free elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

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 computers 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 - Fundamentals of Financial Statement Analysis 3 cr
- ACC 3010 - Accounting for Management Decisions 3 cr
- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2030 - Case Studies in Business Administration 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 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 3 cr

Total credits required: 39 cr

It is strongly recommended that all students majoring in Business Administration complete either MAT 2021 - Statistics I and MAT 2022 - Statistics II or MAT 2021 - Statistics I and MAT 1531 - Calculus I for the scientific and mathematical frame of reference to be adequately prepared for upper level business study.

Concentration in Management

Students completing a Bachelor of Science in Business Administration with a concentration in Management will demonstrate the ability to analyze a company's situation, identify key issues, synthesize the data, and make recommendations for implementing viable solutions.

All Management concentration students must successfully complete the following courses:

- 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 9 cr *

and one of the following two courses:

- BUS 3280 - Human Resources Management and Applications 3 cr
- BUS 3140 - Entrepreneurship and Small Business Management 3 cr

Note:

*Students may use any ACC, BUS, or CIS prefixed course at the 2000 –level or higher to satisfy the nine credits of electives. Only six credits of ACC, BUS, or CIS internship may be used to fulfill concentration electives.

Total credits required: 21 cr

Business Administration, Marketing (BS.BUS.MKT)

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. Internships can be available for qualified students. 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 are encouraged to use their selection of frames of reference courses and other free elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Free elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

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 computers 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 - Fundamentals of Financial Statement Analysis 3 cr
- ACC 3010 - Accounting for Management Decisions 3 cr
- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2030 - Case Studies in Business Administration 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 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 3 cr

Total credits required: 39 cr

It is strongly recommended that all students majoring in Business Administration complete either MAT 2021 - Statistics I and MAT 2022 - Statistics II or MAT 2021 - Statistics I and MAT 1531 - Calculus I for the scientific and mathematical frame of reference to be adequately prepared for upper level business study.

Concentration in Marketing

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 21st 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 demonstrate an understanding of the role of marketing and will possess the ability to develop, analyze, and evaluate strategic, tactical and operational marketing plans.

All Marketing concentration students must successfully complete the following courses:

- 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 9 cr*

Note:

*Students may use any ACC, BUS, or CIS prefixed course at the 2000 –level or higher to satisfy the nine credits of electives. Only six credits of ACC, BUS, or CIS internship may be used to fulfill concentration electives.

Total credits required: 21 cr

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 - Business Communications 3 cr
- BUS 3131 - Business Law I 3 cr

Total 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 business 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, Management, or Marketing must consult with the business faculty advisor.

Cooperative Degree

Master of Business Administration Castleton/Clarkson Cooperative Degree 4 + 1 (MBA)

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 - Accounting for Management Decisions 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 3230 - Financial Management 3 cr
- BUS 4110 - Operations Management 3 cr
- ECO 2040 - Macroeconomics in a Global Context 3 cr
- ECO 2050 - Microeconomics in a Global Context 3 cr
- MAT 2021 - Statistics I 3 cr

and one of these courses:

- BUS 3131 - Business Law I 3 cr
- 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).

Note:

*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.

Minor

Business Administration Minor (BUA)

Available to non-Business majors only, the minor requires 18 total credits selected from Accounting and Business courses. To allow familiarity with the primary functions of business, students are required to complete an accounting course, a management course, and a marketing course. To provide more depth in an area of business, students select an additional 9 credits of courses in either accounting or business; 6 credits must be at the 3000-level or higher. It is suggested that the additional 9 credits be from a specific business function such as accounting, management, or marketing. Courses at the 1000-level are not eligible for inclusion in the minor.

Required Courses:

- ACC 2101 - Accounting I **3 cr**
- BUS 2020 - Principles of Management **3 cr**
- BUS 2230 - Principles of Marketing **3 cr**
- Electives in Accounting or Business **9 cr ***

Total credits required: 18 cr

Note:

*6 credits must be at the 3000-level or higher

Communication Department

Department Chair: Professor Robert Gershon

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.

Major

Communication (AS.COM)

Associate of Science graduates in Communication will be aware of the nature of the communication enterprise as a force in shaping social, economic, and political structure.

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
- 12 additional credits in COM. 12 cr

Total credits in Communication major: 30 cr

Communication, Concentration by Contract (BS.COM.CNT)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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
- Plus 15 additional credits of COM courses 15 cr

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2260 - Mass Media and Society 3 cr

and in their senior year:

- COM 4510 - Communication Portfolio 3 cr

and one of the following courses:

- COM 4720 - Seminar in Communication 3 cr
- COM 4810 - Internship in Communication 1-12 cr
- COM 4850 - Senior Project in Communication 3 cr

Total Communication Credits: 33 cr

Concentration by Contract

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 above, concentrators by contract must complete 15 credits in contracted courses.

Total: 15 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Digital Media (BS.COM.DGM)

Bachelor of Science in Communication

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

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

Graduates will also be able to:

- research and analyze material;

- b. write well;
- c. competently use chosen technological media;
- d. produce material of high quality in at least one medium;
- 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**
- Plus 15 additional credits of COM courses **15 cr**

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media **3 cr**
- COM 2260 - Mass Media and Society **3 cr**

and in their senior year:

- COM 4510 - Communication Portfolio **3 cr**

and one of the following courses:

- COM 4720 - Seminar in Communication **3 cr**
- COM 4810 - Internship in Communication **1-12 cr**
- COM 4850 - Senior Project in Communication **3 cr**

Total Communication Credits: 33 cr

Concentration in Digital Media

Complete the following:

- COM 2220 - WEB Content and Site Development **3 cr**
- COM 3120 - Multimedia **3 cr**
- COM 4010 - The Future of Communication **3 cr**

Total: 9 cr

and two of the following courses:

- ART 3130 - Web Graphics and Animation 3 cr
- COM 2221 - Graphic Design I 3 cr or
- ART 2221 - Graphic Design I 3 cr
- COM 2222 - Graphic Design II 3 cr or
- ART 2222 - Graphic Design II 3 cr
- COM 2110 - Photojournalism 3 cr

Total: 6 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Journalism (BS.COM.JOU)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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
- Plus 15 additional credits of COM courses 15 cr

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2260 - Mass Media and Society 3 cr

and in their senior year:

- COM 4510 - Communication Portfolio 3 cr

and one of the following courses:

- COM 4720 - Seminar in Communication 3 cr
- COM 4810 - Internship in Communication 1-12 cr
- COM 4850 - Senior Project in Communication 3 cr

Total Communication Credits: 33 cr

Concentration in Journalism

Complete the following:

- COM 2230 - News Gathering and Writing 3 cr
- COM 2270 - Newspaper Editing 3 cr
- COM 3010 - News Media Ethics and Law 3 cr
- COM 3060 - Feature Writing 3 cr
- COM 3780 - Special Topics in Journalism 3 cr

Total: 15 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Mass Media (BS.COM.MME)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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**
- Plus 15 additional credits of COM courses **15 cr**

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media **3 cr**
- COM 2260 - Mass Media and Society **3 cr**

and in their senior year:

- COM 4510 - Communication Portfolio **3 cr**

and one of the following courses:

- COM 4720 - Seminar in Communication **3 cr**
- COM 4810 - Internship in Communication **1-12 cr**
- COM 4850 - Senior Project in Communication **3 cr**

Total Communication Credits: 33 cr

Concentration in Mass Media

Required Courses:

- COM 2050 - Introduction to Film Studies 3 cr
- COM 2212 - Video Workshop II: News and Feature Production 3 cr
- COM 2250 - History of Mass Media 3 cr

Total: 9 cr

and two of the following courses:

- COM 2170 - Radio Programming and Production 3 cr
- COM 2160 - International Communication 3 cr
- COM 3020 - Documentary Workshop 3 cr
- COM 3760 - Special Topics in Mass Media 3 cr
- COM 4020 - Screen Drama Workshop 3 cr

Total: 6 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Public Relations (BS.COM.PRL)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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
- Plus 15 additional credits of COM courses 15 cr

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2260 - Mass Media and Society 3 cr

and in their senior year:

- COM 4510 - Communication Portfolio 3 cr

and one of the following courses:

- COM 4720 - Seminar in Communication 3 cr
- COM 4810 - Internship in Communication 1-12 cr
- COM 4850 - Senior Project in Communication 3 cr

Total Communication Credits: 33 cr

Concentration in Public Relations

Complete the following:

- COM 2150 - Public Relations 3 cr
- COM 2212 - Video Workshop II: News and Feature Production 3 cr
- COM 2220 - WEB Content and Site Development 3 cr
- COM 2230 - News Gathering and Writing 3 cr

Total: 12 cr

and one of the following courses:

- COM 3750 - Special Topics in Public Relations 3 cr
- COM 3050 - Media, Social Activism and Political Action 3 cr

Total: 3 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Minor

Communication Minor (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.

Film Studies Minor (FIL)

(See Theater program description.)

Computer Information Systems

Coordinator: Scott Hanselman

Major

Computer Information Systems/Business (BS.CIS.BUS)

The purpose of the program is to prepare students for employment in the field of Information Systems. Students will have a broad-based business perspective, a solid foundation in critical thinking and analysis, the ability to design and create an information technology solution, and strong communication and team skills.

The required business courses help to prepare students to comprehend the concepts and language common to the business realm. This serves to enhance the student's understanding of the role that information systems play in the operations of all types of business organizations.

The programming component is designed to help students become proficient in computer programming in an Object-Oriented Programming environment. Students will be exposed to the key role that databases play in capturing, storage, processing, and reporting of information within an organization.

Students completing a Bachelor of Science in Computer Information Systems/Business will be proficient in:

- Analyzing information requirements and business processes in order to design, create, and modify system solutions to benefit the organization.
- Participating as team members in the planning, creation, and maintenance of an organization's technology infrastructure.
- Recognizing and using effective verbal and written communication skills.

All majors must complete the following Business Administration courses:

- ACC 2101 - Accounting I 3 cr
- ACC 2102 - Fundamentals of Financial Statement Analysis 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 3 cr
- BUS 3230 - Financial Management 3 cr
- BUS 3250 - Organizational Development and Behavior 3 cr

Total: 21 cr

and the following Programming courses:

- CIS 2011 - Visual Basic Programming 3 cr
- CIS 2031 - C# Programming I 3 cr
- CIS 2032 - C# Programming II 3 cr
- CIS 3022 - Advanced Visual Basic 3 cr
- CIS 3040 - Databases 3 cr
- CIS 3045 - Advanced Database Concepts 3 cr

Total required Programming credits: 18 cr

and the following Information Technology courses:

- CIS 3410 - Foundations of Information Systems 3 cr
- BUS 4220 - Networking 3 cr
- BUS 4530 - Technical Project Management 3 cr
- CIS 4120 - Systems Analysis and Design 3 cr
- CIS 4045 - Information Security Management 3 cr

and complete:

- BUS 4810 - Internship in Business 1-12 cr (3 cr required) or
- CIS 4810 - Internship 3 cr

Total credits required: 57 cr

Minor

Computer Information Systems Minor (CIS)

All minors must complete the following courses:

- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- CIS 2011 - Visual Basic Programming 3 cr
- CIS 3022 - Advanced Visual Basic 3 cr
- CIS 4120 - Systems Analysis and Design 3 cr

and two of the following courses:

- BUS 4220 - Networking 3 cr
- CIS 2031 - C# Programming I 3 cr
- CIS 2032 - C# Programming II 3 cr
- CIS 3040 - Databases 3 cr
- CIS 3045 - Advanced Database Concepts 3 cr

Total: 6 cr

Total credits required: 18 cr

Education Department

Department Chair: Assistant Professor Thomas Cleary

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, phased 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.

Students will also be required to take one of the following courses: 3 cr

- PSY 1050 - Human Growth and Development
- PSY 2110 - Educational Psychology
- PSY 3265 - Child and Adolescent Development

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 lab credits during this experience. Students seeking Secondary Licensure must complete at least four lab credits 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 in education, 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 4815 - 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, 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.

Major

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.

Educational objectives:

1. Students will demonstrate knowledge of appropriate content in the areas of English Language Arts, particularly the conventions of written English and the dimensions of quality writing and types of writing, as well as a wide variety of quality, age-appropriate literature across genres, and strategies for textual analysis. Furthermore, students will practice appropriate pedagogy for teaching writing as well as textual analysis of literature.
2. Students will demonstrate knowledge of essential numeracy concepts and their development, as well as content in the areas of number and operations; algebra and functions; geometry in the areas of numbers and operations, geometry and measurement; and data analysis, statistics, and probability.
3. Students will demonstrate knowledge of historical and social science content, concepts, and skills in the areas of historical thinking; history; cultural geography; diversity, unity, identity, and interdependence; and citizenship as delineated in current national professional standards.
4. Students will demonstrate knowledge of scientific content, concepts and skills in the areas of development of students’ scientific inquiry process; life sciences; physical sciences; Earth, environmental, and atmospheric sciences
5. Students will demonstrate content knowledge in depth for one of four liberal arts content areas.

The MDS major is overseen by the Faculty Assembly Committee on Teacher Education.

Students hoping to become licensed as elementary teachers must also complete the courses listed under the elementary licensure requirements section of this catalog here 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:

- ENG 2010 - Expository and Argumentative Writing 3 cr

and complete three of the following courses:

- ENG 1310 - Introduction to Literature (L) 3 cr
- ENG 2411 - Nineteenth Century Children’s Literature (L) 3 cr
- ENG 2412 - Twentieth Century Children’s Literature (L) 3 cr
- ENG 3620 - Overview Of Children’s Literature (L) 3 cr
- ENG 3630 - Poetry for Children (L) 3 cr

- ENG 3640 - Images of the Child in Literature (L) 3 cr
- ENG 3650 - Art of Children's Book Illustration (L) 3 cr
- ENG 3660 - Folk Tales (L) 3 cr
- ENG 3690 - The English Language: Grammar 3 cr
- ENG 3720 - Special Topics In Children's Literature (L) 3 cr

Total English credits: 12 cr

Mathematics Requirements:

Complete the following two mathematics courses:

- MAT 3020 - Mathematics for Elementary Teachers 4 cr
- MAT 4210 - Teachers as Researchers 2 cr

and two of the following courses:

- MAT 1531 - Calculus I 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr
- MAT 2550 - Mathematics: A Cultural Perspective 3 cr

Total mathematics credits: 12 cr

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

Complete the following courses:

- HIS 1111 - World History I 3 cr
- HIS 1210 - Survey of U.S. History 3 cr

And complete one of the following:

- GEO 1060 - Fundamentals of Geography 3 cr
- GEO 2020 - World Regional Geography 3 cr

And complete one of the following:

- POS 1010 - Introduction to Political Science 3 cr
- POS 1020 - American Politics and Government 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Total HGEP credits: 12 cr

Science Requirements:

Complete 16 credits from the courses listed below.

At least 7 of the 16 credits must be chosen from the list of Life Science courses.

and at least 7 of the 16 credits must be chosen from the list of Physical Science courses.

Life Science

- AHS 1010 - Contemporary Health Issues **3 cr**
- BIO 1010 - Human Biology and Laboratory **4 cr**
- BIO 1310 - Explorations in Biology **1 cr**
- BIO 1141 - Ecology and Evolution **4 cr**
- BIO 1160 - Flora of Vermont **3 cr**
- BIO 1270 - Horticulture of Medicinal Plants **3 cr**
- BIO 1320 - Tropical Diversity **4 cr**
- BIO 2140 - Botany **3 cr**
- BIO 2310 - Animal Diversity **4 cr**

Physical Science

- CHE 1311 - Chemistry in the Classroom **3 cr ***
- CHE 1312 - Chemistry in the Classroom Activities **1 cr ***
- GEO 2220 - Weather and Climate **3 cr**
- GEY 1030 - Dynamic Earth **4 cr**
- GEY 1040 - Environmental Geology **4 cr**
- GEY 1050 - The Earth through Time **4 cr**
- PHY 1110 - Introduction to Astronomy **3 cr**
- PHY 1140 - Astronomy: Exploring the Universe **4 cr**
- PHY 1150 - Physics for Elementary Teachers **4 cr ***

Notes:

1. Courses in bold may be used towards completing the General Education Scientific and Mathematical Understanding Frame of Reference requirements.
2. Students seeking Elementary Licensure must select one pedagogy lab. These courses are indicated with asterisks (*).

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. Specifics for Science and HGEP are described below. **12 cr**

Total credits required: **64 cr**

Concentration in Science:

Students must complete 12 additional credits in science chosen from the Life Science and Physical Science lists above.

Concentration in HGEP:

Students wishing to concentrate in HGEP are required to submit a signed contract to the Registrar by the end of their sophomore year. This contract must be approved by both the student's HGEP advisor and the chair of the HGEP Department.

Complete:

- HIS 2070 - Vermont History 3 cr

And complete one of the following:

- ECO 1010 - Economics and Society 3 cr
- ECO 1040 - Global Economic Issues 3 cr

Electives:

And complete two elective courses at the 3000 level or above in History, Geography, Economics or Political Science. The two courses must be in different disciplines. (HIS 2335 - Asia through Food and Film, may be substituted for one 3000-level class.) (6 cr)

Licensure

Elementary Education Licensure

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

- a. The multidisciplinary studies major, or
- b. A major in either literature, history, mathematics, or the sciences. Additionally, students who do not take the MDS major must complete MAT 3020 and one course in children's literature selected from the following courses: Nineteenth Century Children's Literature, Twentieth Century Children's Literature, Overview of Children's Literature, Poetry for Children, Images of the Child in Literature, Art of Children's Book Illustration, Folk Tales, or another appropriate children's literature course approved by the Education Department. 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.

Elementary Education Licensure with Special Education Endorsement

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

The Special Education Endorsement requires the following additional coursework. These courses can be woven through the eight semesters of undergraduate coursework and may require students to take an additional semester to finish.

Required Courses:

- EDU 2140 - Cognitive Differences and Emotional Challenges 3 cr
- EDU 3130 - Learning Differences and Attention Difficulties 3 cr
- EDU 3370 - Models of Assessment and Intervention in Special Education 4 cr
- EDU 3380 - Collaboration and Special Education Law 3 cr

Total credits required: 13 cr

Secondary Education Licensure

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

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 an American Literature concentration, a Children's Literature concentration, a World Literature concentration, and a concentration by contract; Honors in Literature; the Bachelor of Arts degree in Spanish Language and Literature; the Bachelor of Arts degree in Spanish for Business; the Bachelor of Arts degree in Philosophy; and minors in English, Writing, Philosophy, and Spanish Studies. (See Modern Foreign Language and Philosophy.)

Major

Literature, American Literature (BA.LIT.AMR)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration in American Literature

Complete the following:

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

and complete 15 credits selected from:

- ENG 3520 - American Poetry (L) 3 cr
- ENG 3530 - American Novel (L) 3 cr
- ENG 3550 - American Short Fiction (L) 3 cr
- ENG 3560 - American Drama (L) 3 cr
- ENG 3570 - American Literary Movements (L) 3 cr
- ENG 3580 - African American Literature (L) 3 cr
- ENG 3600 - American Literary Careers (L) 3 cr

- ENG 3610 - Women Writers (L) 3 cr

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 ENG 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.

Literature, Children's Literature (BA.LIT.CHL)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration in Children's Literature

Complete the following:

- ENG 2411 - Nineteenth Century Children's Literature (L) 3 cr
- ENG 2412 - Twentieth Century Children's Literature (L) 3 cr

and complete 12 credits selected from:

- ENG 3180 - Lyric Poetry (L) 3 cr
- ENG 3230 - Asian Literature 3 cr
- ENG 3620 - Overview Of Children's Literature (L) 3 cr
- ENG 3630 - Poetry for Children (L) 3 cr
- ENG 3640 - Images of the Child in Literature (L) 3 cr
- ENG 3650 - Art of Children's Book Illustration (L) 3 cr
- ENG 3660 - Folk Tales (L) 3 cr
- ENG 3720 - Special Topics In Children's Literature (L) 3 cr

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 ENG 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.

Literature, Concentration by Contract (BA.LIT.CNT)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration by Contract

Literature majors may design individual plans for concentration study, completing 18 credit hours of coursework from among regularly offered courses in American Literature, Children's Literature, World Literature, and the Minor in Writing, as well as from independent studies and internships. They must consult with one or more English department faculty members as they design those plans. Such plans must demonstrate a coherent purpose—such as study in fiction, poetry, drama, or writing—and may proceed only by written contract approved by the department.

Literature majors who undertake a concentration by contract and who hope to teach theater must complete American Drama, Greek Tragedy, and the second Shakespeare course along with an additional 9 credit hours from among the regularly offered courses mentioned in the previous paragraph. They must also complete a Minor in Theater Education.

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 ENG 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.

Literature, World Literature (BA.LIT.WLD)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration in World Literature

Complete the following:

- ENG 2161 - World Literature through Renaissance (L) 3 cr
- ENG 2162 - World Literature from Enlightenment (L) 3 cr

and complete 12 credits selected from:

- ENG 3170 - Epic Poetry (L) 3 cr
- ENG 3180 - Lyric Poetry (L) 3 cr
- ENG 3210 - Greek Tragedy (L) 3 cr
- ENG 3220 - World Fiction (L) 3 cr
- ENG 3230 - Asian Literature 3 cr
- ENG 3290 - Studies in World Literature (L) 3 cr
- ENG 3310 - Dante (L) 3 cr
- ENG 3610 - Women Writers (L) 3 cr

- ENG 3660 - Folk Tales (L) 3 cr

Note:

Appropriate 3000-level Modern Foreign Language literature course Intermediate proficiency in a foreign language is recommended.

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 ENG 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.

Minor

English Minor (ENG)

Students can earn a minor in English by completing 18 credits of English courses beyond:

- ENG 1061 - English Composition 3 cr
- ENG 1070 - Effective Speaking 3 cr
- ENG 2260 - Touchstones of Western Literature (L) 3 cr

Writing Minor (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 - Business Communications 3 cr
- COM 3060 - Feature Writing 3 cr
- ENG 2010 - Expository and Argumentative Writing 3 cr
- ENG 2101 - Creative Writing 3 cr
- ENG 3060 - Technical and Professional Writing 3 cr
- ENG 3070 - Writing Non-Fiction 3 cr
- ENG 3750 - Special Topics in Writing 3 cr
- ENG 3690 - The English Language: Grammar 3 cr
- ENG 4040 - Advanced Creative Writing 3 cr

- THA 2120 - Script Workshop I 3 cr or
- COM 2120 - Script Workshop I 3 cr

- THA 4040 - Script Workshop II 3 cr or
- COM 4030 - Script Workshop II 3 cr

History, Geography, Economics, and Politics Department

Department Chair: Associate Professor Jonathan Spiro

Economics Coordinator: Associate Professor Judith K. Robinson

Geography Coordinator: Associate Professor Scott Roper

Global Studies Coordinator: Professor Carrie Waara

History Coordinator: Associate Professor Patricia van der Spuy

Environmental Studies Coordinator: Associate Professor Judith Robinson

Political Science Coordinator: Associate Professor Melisse Pinto

Social Studies Coordinator: Associate Professor: Patricia van der Spuy

The Department of History, Geography, Economics and Politics (HGEP) is an innovative and interdisciplinary department that offers several liberal arts programs that prepare students to pursue meaningful careers and to act knowledgeably and effectively in the world:

- Economics (major-by-contract, minor)
- Environmental Studies (major-by-contract, minor)
- Geography (major-by-contract, minor)
- Global Studies (major, minor, certificate)
- History (major, minor, honors)
- Political Science (major, minor)
- Social Studies (major)
- Women's and Gender Studies (major-by-contract)

These programs educate students to identify, interpret, and constructively engage the many forces that influence humanity and shape the history and future of the world. Students develop excellent skills in reading critically, writing clearly, thinking analytically, researching effectively, and arguing persuasively, and thus are well prepared to teach, to earn a higher degree in graduate school, and to embark on a myriad of careers in the public and private sector.

Our alumni have become teachers, lawyers, professors, journalists, business people, rangers, librarians, researchers, authors, archivists, diplomats, screenwriters, bankers, editors, administrators, and politicians. Our graduates have also pursued higher degrees in such fields as Law, Education, Geography, Journalism, Economics, Political Science, Historic Preservation, Information Science, Museum Studies, Computer Science, and History.

Note to future teachers:

- Students who wish to teach at the elementary school level may elect to major in Multidisciplinary Studies (MDS) with a concentration in HGEP, or to major in History while pursuing education licensure.
- Students who wish to teach at the secondary level may elect to major in Social Studies or History while pursuing education licensure.
- Students who are considering becoming a teacher but desire to keep their career options open may major in History with an additional major or minor in another HGEP discipline, and subsequently pursue postgraduate educational licensure.

Major

Economics Social Science Major-by-Contract (BA.SSC.ECO)

Upon completion of the Economics major, students will be able to demonstrate:

1. A working knowledge of economic vocabulary, concepts, theories, and facts.
2. An understanding of the limitations of economic theories along with the ability to integrate theories with their limitations.
3. An appreciation of the economic world, its significance in human affairs, and the importance of the body of economic knowledge as a means to further human well-being.
4. An understanding of the interconnections between economic systems and political, social, and cultural systems as well as the natural environment.
5. The skills of reading economic subject material accurately and critically; expressing economic ideas clearly; applying economic theories in the real world appropriately; and using analytical, mathematical, and graphical economic tools all as preparation for their professional careers and lives as citizens.

To major in Economics, the student and the coordinator of Economics (who becomes the student's academic advisor) initiate a written Social Science Major-by-Contract with the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Economics) and one representing an appropriate secondary discipline.
- b. Approved and signed (normally by the time the student has reached the fifth semester or 75 credits) by the student, the two faculty sponsors, the coordinator of Economics, the chair(s) of the department(s) involved, and the academic dean.
- c. Subject to modification at the request of the student or advisor; any modifications must be agreed to by all parties to the contract.

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

- At least 21 credits in Economics, including a 4000-level Independent Study
- At least 18 credits in the secondary discipline

In addition:

- At least one course in History (3 cr)
- At least one course in two of the following disciplines: Environmental Studies, Geography, Global Studies, Political Science (6 cr)
- Included among all the 48 credits earned, 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.

Environmental Studies Social Science Major-by-Contract (BA.SSC.ENV)

Upon completion of the Environmental Studies major, students will be able to demonstrate:

1. A broad knowledge of the Social Science and Humanities approaches to the natural environment.
2. An awareness of the vast nature and scope of environmental problems.
3. The ability to critically analyze past, present, and proposed governmental policy approaches to environmental and sustainability issues.
4. An extensive set of insights into the complexity of the political, geographical, historical, economic, and social issues surrounding the environmental, environmental justice, and sustainability movements.
5. An understanding of—and ability to grapple with—the numerous ethical dimensions to many environmental issues.
6. An ability to become effective environmental problem-solvers in a diverse world with differences in environmental perspectives.

To major in Environmental Studies, the student and the coordinator of Environmental Studies (who becomes the student's academic advisor) initiate a written Social Science Major-by-Contract with the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Environmental Studies) and one representing an appropriate secondary discipline.
- b. Approved and signed (normally by the time the student has reached the fifth semester or 75 credits) by the student, the two faculty sponsors, the coordinator of Environmental Studies, the chair(s) of the department(s) involved, and the academic dean.
- c. Subject to modification at the request of the student or advisor; any modifications must be agreed to by all parties to the contract.

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

- At least 21 credits in Environmental Studies, including a 4000-level Independent Study. These courses may be chosen from ENV courses and courses cross-listed with ENV.
- At least 18 credits in the secondary discipline

In addition, at least nine more credits must be earned as follows:

POS 1020 - American Politics and Government **3 cr**

Students whose secondary discipline is a Natural Science must take at least one course in two of the following disciplines: ECO, GEO, GLB, HIS (beyond what they are already taking for their principal discipline) **6 cr**

Students whose secondary discipline is NOT a Natural Science must take at least one course in two of the following disciplines: BIO, CHEM, GEY, SCI (beyond what they are already taking for their principal discipline) **6 cr**

- Included among all the 48 credits earned, 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.

Geography Social Science Major-by-Contract (BA.SSC.GEO)

Geography is concerned with understanding the Earth as home to humans. Geographers attempt to describe spatial patterns (what phenomena are located on the Earth's surface, and where they are located) and to analyze those patterns (why those phenomena are located where they are, and how they are related to each other). In so doing, they typically address one or more of the following themes: location, place, region, movement, and human-environment interactions.

Upon completion of the Geography major, students will be able to:

1. Demonstrate a broad understanding of the field of Geography.
2. Demonstrate a concentrated understanding of a particular geographic region or subfield.
3. Apply skills needed to develop, carry out, and communicate the results of an independent research project in Geography.
4. Seek employment and/or acceptance to graduate school.

To major in Geography, the student and the coordinator of Geography (who becomes the student's academic advisor) initiate a written Social Science Major-by-Contract with the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Geography) and one representing an appropriate secondary discipline.
- b. Approved and signed (normally by the time the student has reached the fifth semester or 75 credits) by the student, the two faculty sponsors, the coordinator of Geography, the chair(s) of the department(s) involved, and the academic dean.
- c. Subject to modification at the request of the student or advisor; any modifications must be agreed to by all parties to the contract.

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

- At least 21 credits in Geography, including a 4000-level Independent Study
- At least 18 credits in the secondary discipline

In addition:

- At least one course in History (**3 cr**)
- At least one course in two of the following disciplines: Economics, Environmental Studies, Global Studies, Political Science (**6 cr**)
- Included among all the 48 credits earned, 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.

Global Studies (BA.GLB)

The Global Studies major provides an opportunity to acquire information, knowledge, and interpretive paradigms that enhance students' understanding of the changing world order and enable them to live more fulfilling and useful lives. This multidisciplinary major requires coursework that trains students to analyze the world in a variety of contexts—geographic, historical, economic, environmental, political, cultural, social, religious, philosophical, and aesthetic. Through their courses and study abroad, students develop the critical skills they will need to achieve their goals in our increasingly integrated local, national, and world communities. Upon completion of the Global Studies major, students will be able to demonstrate:

1. The ability to identify and analyze patterns of human interdependence, including
 - the contested notion of globalization, and the multiple and cumulative impacts of the powerful forces driving this process;
 - the global variety of organizational structures, institutions, and processes;
 - the ways in which cultures and peoples structure and frame common and competing interests in—and understandings of—the world;
 - interrelationships among cultures, environments, places, and technologies;
 - global environmental problems and mitigation strategies.
2. In-depth knowledge and analysis of concepts, theories and information gained through a concentrated exploration of one particular global theme.
3. In-depth knowledge and analysis of one particular region and its relationship to the rest of the world.
4. Understanding of multiple worldviews derived from academic study, proficiency in a modern foreign language, and cultural immersion abroad.

All majors must complete 51 credits: 18 credits in required core courses, 9 credits in one thematic concentration, 9 credits in one regional concentration, 12 credits in a foreign language, 0-2 credits in GLB 3810 - Cultural Immersion Experience, and 3 credits in GLB 4610 - Global Studies Capstone Seminar.

I. Core Courses

These courses should be completed by the end of your fourth semester in the program

- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- ECO 1040 - Global Economic Issues 3 cr
- GEO 2020 - World Regional Geography 3 cr
- GLB 1010 - Introduction to Global Studies 3 cr
- HIS 1112 - World History II 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Total: 18 cr

II. Thematic Concentration

Select ONE concentration (A, B, or C) and complete three courses within that concentration. No course fulfilling the Thematic Concentration may be counted for the Regional Concentration or vice versa.

A. International Political Economy, Governance and Human Rights

This thematic concentration is designed for students interested in global institutions, power dynamics, and political processes, and who aspire to careers in the diplomatic service, the UN, peace work, or other international non-governmental organizations.

- ECO 3220 - International Trade and Development 3 cr
- POS 2040 - International Relations 3 cr
- POS 2210 - Political Ideologies 3 cr
- POS 3221 - Political Philosophy I 3 cr
- POS 3222 - Political Philosophy II 3 cr
- POS 3250 - International Organizations 3 cr
- POS 3260 - Middle Eastern Politics and Government 3 cr
- POS 4010 - US Foreign Policy 3 cr

B. Environment/Sustainability

This thematic concentration is designed for students interested in the social science of environmental issues, and who aspire to careers devoted to solving environmental threats on a global scale.

- ANT 2210 - Anthropology and the Environment 3 cr
- ECO 3060 - Political Economy of the Environment 3 cr
- ENV 1210 - Environmental Harm and Mitigation Strategies 3 cr
- GEO 2060 - Environmental Systems
- GEO 2220 - Weather and Climate 3 cr
- PHI 3160 - Environmental Ethics 3 cr
- POS 2310 - Environmental Politics 3 cr

C. Global Dynamics of Culture

This thematic concentration is designed for students interested in the cultural dimensions of our world, and who aspire to careers that could take them abroad and that require well-developed cultural sensitivities. Students should keep their career goals in mind as they select from this broad array of culture-related courses. No more than 6 credits may be taken in any one of four world regions (Africa & Middle East, Asia, Europe, the Americas).

- ANT 3210 - Anthropology of Food 3 cr
- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2160 - International Communication 3 cr

- COM 3130 - International Cinema 3 cr or
- THA 3135 - International Cinema 3 cr

- ENG 2161 - World Literature through Renaissance (L) 3 cr
- ENG 2162 - World Literature from Enlightenment (L) 3 cr
- ENG 3230 - Asian Literature 3 cr
- ENG 3290 - Studies in World Literature (L) 3 cr
- HIS 1010 - Roots: Historical Perspectives on Global Problems and Issues 3 cr
- HIS 2260 - Asia in the World 3 cr
- HIS 2335 - Asia through Food and Film 3 cr
- HIS 2410 - History and Culture of Latin America 3 cr
- HIS 2431 - African History Before 1885 3 cr
- HIS 2432 - African History After 1885 3 cr
- HIS 3210 - Social History of Latin America 3 cr
- HIS 3220 - Revolutions in Latin America 3 cr
- HIS 3340 - Europe and the Middle East 3 cr
- HIS 3460 - History of African Political Thought
- HIS 3463 - Representing Africa through Western Eyes
- HIS 3464 - Representing Africa through African Eyes
- HIS 3465 - Apartheid South Africa 3 cr
- HIS 3470 - Modern African History: Texts in Context 3 cr
- HIS 3475 - Women and Gender in African History 3 cr
- HIS 3510 - Chinese History and Culture 3 cr
- HIS 3520 - Japanese History and Culture 3 cr
- HIS 3570 - History, Memory and War 3 cr
- HIS 3720 - Topics in Asian History 3 cr
- MUS 1080 - Global Music 3 cr
- PHI 2010 - Comparative Religions 3 cr
- SOC 3160 - Anthropology of Religion 3 cr

Total: 9 cr

III. Regional Concentration

Select ONE region (A, B, C, or D) and complete three courses within that region. No course fulfilling the Thematic Concentration may be counted for the Regional Concentration or vice versa.

A. Africa and Middle East

- HIS 2431 - African History Before 1885 3 cr
- HIS 2432 - African History After 1885 3 cr
- HIS 3340 - Europe and the Middle East 3 cr
- HIS 3460 - History of African Political Thought
- HIS 3463 - Representing Africa through Western Eyes
- HIS 3464 - Representing Africa through African Eyes
- HIS 3465 - Apartheid South Africa 3 cr
- HIS 3470 - Modern African History: Texts in Context 3 cr
- HIS 3475 - Women and Gender in African History 3 cr

B. Asia

- ENG 3230 - Asian Literature 3 cr
- HIS 2260 - Asia in the World 3 cr
- HIS 2335 - Asia through Food and Film 3 cr
- HIS 3510 - Chinese History and Culture 3 cr
- HIS 3520 - Japanese History and Culture 3 cr
- HIS 3570 - History, Memory and War 3 cr
- HIS 3720 - Topics in Asian History 3 cr
- PHI 2110 - Asian Philosophy 3 cr

C. Europe

- ARH 2011 - Survey of Western Art I 3 cr
- ARH 2012 - Survey of Western Art II 3 cr
- ARH 3010 - Classical Art: Greece and Rome 3 cr
- ARH 3030 - Italian Renaissance Art 3 cr
- ARH 3040 - The Art of Medieval Europe 3 cr
- ARH 3051 - History of Nineteenth Century Art 3 cr
- ARH 3052 - History of Twentieth Century Art 3 cr
- ENG 3170 - Epic Poetry (L) 3 cr
- ENG 3310 - Dante (L) 3 cr
- HIS 2255 - Early Modern Europe 3 cr
- HIS 2285 - Modern Europe 3 cr
- HIS 3340 - Europe and the Middle East 3 cr
- HIS 3345 - Masculinities in Modern Europe 3 cr
- HIS 3365 - Pax Britannica 3 cr
- HIS 3450 - Women in European History 3 cr
- MUS 2031 - History of Western Music: Ancient to Baroque 3 cr
- MUS 2032 - History of Western Music: Classical to Modern 3 cr
- PHI 3011 - History of Philosophy I 3 cr
- PHI 3012 - History of Philosophy II 3 cr
- POS 3320 - European Politics and Government 3 cr

D. The Americas

- GEO 3030 - People and Places of North America **3 cr**
- HIS 2410 - History and Culture of Latin America **3 cr**
- HIS 3210 - Social History of Latin America **3 cr**
- HIS 3220 - Revolutions in Latin America **3 cr**
- SPA 1180 - Latin American Writers **3 cr**
- SPA 2030 - Spanish American Cultures **3 cr**
- SPA 3060 - Latin America: The Making of the Canon (1492-1899) **3 cr**
- SPA 3070 - Latin America: The Making of the Canon (1900 to the present) **3 cr**
- SPA 3110 - Latin American Novel and Short Story **3 cr**
- SPA 3150 - The Novel of the Mexican Revolution **3 cr**
- SPA 3160 - Latin American Women Writers **3 cr**

Total: 9 cr

IV. Cultural Immersion

- Complete 12 credits or equivalent in a modern foreign language **12 cr**
- GLB 3810 - Cultural Immersion Experience **0-2 cr**

Total: 12 cr

V. Capstone

- GLB 4610 - Global Studies Capstone Seminar **3 cr**

Total: 3 cr

Total credits required: 51 cr

History (BA.HIS)

Bachelor of Arts in History

Upon completion of the History major, students will be able to demonstrate:

1. A broad and deep store of knowledge of human history, ancient to present, as well as:
 - knowledge of chronology, place, and significance;
 - mastery of the various theories, methodologies, and interpretations current in the history profession;
 - historical empathy;
 - understanding the role of the past in shaping current events and the richness of the past as a source for meeting contemporary challenges.
2. The ability to conduct and present both orally and in writing quality research that:
 - poses a significant historical question;

- identifies, evaluates, contextualizes, and utilizes a wide variety of relevant primary and secondary sources;
 - articulates a clear thesis statement;
 - argues effectively by employing and properly citing evidence in support of a thesis;
 - explains the historical significance of the research.
3. The capacity to be teachers, and/or attend graduate school, and/or embark upon history-related careers.

Required Courses:

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 4601 - History Research Seminar **3 cr**
- HIS 4602 - History Thesis 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**
- three additional History courses above the 1000 level **9 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 **3 cr**

Total credits required: 48 cr

Note:

Students who plan to be secondary Social Studies teachers should take ECO 2250 - Economics for Social Studies Teachers.

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.

History Honors (BA.HIS.HON)

Bachelor of Arts in History

Upon completion of the History major, students will be able to demonstrate:

1. A broad and deep store of knowledge of human history, ancient to present, as well as:
 - knowledge of chronology, place, and significance;
 - mastery of the various theories, methodologies, and interpretations current in the history profession;
 - historical empathy;
 - understanding the role of the past in shaping current events and the richness of the past as a source for meeting contemporary challenges.
2. The ability to conduct and present both orally and in writing quality research that:
 - poses a significant historical question;
 - identifies, evaluates, contextualizes, and utilizes a wide variety of relevant primary and secondary sources;
 - articulates a clear thesis statement;
 - argues effectively by employing and properly citing evidence in support of a thesis;
 - explains the historical significance of the research.
3. The capacity to be teachers, and/or attend graduate school, and/or embark upon history-related careers.

Required Courses:

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 4601 - History Research Seminar **3 cr**
- HIS 4602 - History Thesis 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**
- three additional History courses above the 1000 level **9 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 **3 cr**

Total credits required: 48 cr

Note:

Students who plan to be secondary Social Studies teachers should take ECO 2250 - Economics for Social Studies Teachers.

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.

Bachelor of Arts in History Honors

The History Honors Program provides a more rigorous version of the History major than the regular Bachelor's program and it offers the opportunity to work even more closely with the department's faculty to produce an original piece of historical research. The program is strongly recommended for students who wish to pursue graduate study but it is appropriate for any student wishing to study history more broadly and in greater depth.

Eligibility

The candidate must be a History major with a GPA above 3.0 in History (HIS) courses as well as an overall GPA of at least 3.0.

The candidate must be recommended in writing by two members of the History faculty, one of whom will serve as the student's Honors advisor.

The candidate must then be approved as a History Honors major by the HGEP Department; such acceptance ordinarily occurs before the end of the sophomore year. The Department then forms an Honors Committee (comprised of the Honors advisor, the History Thesis Seminar instructor, and a third reader) that consults regularly with the candidate to help him or her complete the requirements below.

Requirements:

1. Complete the requirements of the History major.
2. Demonstrate intermediate reading proficiency in a foreign language. This can be satisfied by passing a reading examination or acquiring six credits of college-level foreign language courses.
3. Pass a comprehensive written examination based on the candidate's coursework and interests. The questions are designed by the History faculty with whom the candidate took courses. This examination normally takes place during the second semester of the senior year.
4. Submit a History Honors Thesis that demonstrates mastery of a historically significant topic, a thorough engagement with a wide range of primary and secondary sources, and advanced knowledge of—and ability to employ—historical methods, theories and research skills.
5. Conduct a public defense of the History Honors Thesis in which the candidate satisfactorily presents, explains, and defends the research, writing, organization, and conclusions of the thesis. The oral defense takes place no later than the last week of the candidate's final semester.

Political Science (BA.POS)

Upon completion of the Political Science major, students will be able to demonstrate knowledge and understanding of:

1. The basic analytical concepts and theories of the discipline of Political Science.
2. The institutions of American politics and government and how they function.
3. American political culture and political behavior.
4. The political systems of other nations, including their political institutions, processes, culture, and behavior.
5. Global politics, international institutions, and global issues.
6. Political philosophies, theories, and ideologies and their significance to political life.
7. The skills and methodologies appropriate for research in Political Science.

Required Courses:

All majors must complete a minimum of 48 credits: 39 credits in Political Science and 9 credits from related disciplines. The 39 credits in Political Science must include:

- POS 1010 - Introduction to Political Science **3 cr**
- POS 1020 - American Politics and Government **3 cr**
- POS 1030 - Comparative Politics and Government **3 cr**
- POS 2040 - International Relations **3 cr**
- POS 3221 - Political Philosophy I **3 cr**
- POS 3222 - Political Philosophy II **3 cr**
- POS 3420 - Congress and The Presidency **3 cr**
- POS 3510 - Research Methods **3 cr**
- POS 4610 - Senior Seminar in Political Science **3 cr**
- plus four additional Political Science courses **12 cr**
- and 9 credits in the related disciplines of Economics, Environmental Studies, Geography, Global Studies and/or History **9 cr**

Total credits required: 48 cr

Social Studies (BA.SST)

The major in Social Studies provides students with a strong foundation in teaching secondary Social Studies, enabling them to implement state and national educational standards.

Upon completion of the Social Studies major, students will be able to:

1. Demonstrate a broad store of knowledge of history, geography, economics, politics, and related social sciences.
2. Describe, analyze and explain economic, political, cultural, social and physical systems in the context of time and space.
3. Demonstrate the ability to conduct and present both orally and in writing quality research so as to participate actively in—and foster—the ongoing construction of knowledge.
4. Apply knowledge of Social Studies creatively in order to instill in their own students a love of learning and a critical awareness of the significance of Social Studies for human well-being.

Complete the following core courses:

- ECO 1010 - Economics and Society 3 cr
- GEO 2020 - World Regional Geography 3 cr
- GEO 2150 - Cultural Geography 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 4601 - History Research Seminar 3 cr
- HIS 4602 - History Thesis Seminar 3 cr
- POS 1020 - American Politics and Government 3 cr
- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- SOC 1010 - Introduction to Sociology 3 cr

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
- POS 3260 - Middle Eastern Politics and Government 3 cr

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.

Students who plan to be secondary Social Studies teachers should take ECO 2250 - Economics for Social Studies Teachers as one of their social science elective courses.

Certificate

Global Studies Certificate (GLB)

The Certificate in Global Studies provides an opportunity for interested degree-seeking students to strengthen their understanding and engagement with our globally integrated world through coursework and globally oriented experiential learning.

Complete 12 credits to include the following:

- GLB 1010 - Introduction to Global Studies 3 cr

Complete three of the following

- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- ECO 1040 - Global Economic Issues 3 cr
- GEO 2020 - World Regional Geography 3 cr
- HIS 1112 - World History II 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Additional Information

Complete 30 hours of community service with a global focus. Prior approval by the Global Studies Coordinator is required.

Minor

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 1040 - Global Economic Issues 3 cr
- ECO 2040 - Macroeconomics in a Global Context 3 cr
- ECO 3220 - International Trade and Development 3 cr

and nine additional credits from the following:

- ECO 1030 - The Economics of Wealth and Poverty 3 cr
- ECO 2050 - Microeconomics in a Global Context 3 cr
- ECO 2120 - U.S. Economic History 3 cr
- ECO 2910 - Independent Study 1-3 cr
- ECO 3020 - Money, Banking, and the Financial Services Sector 3 cr
- ECO 3040 - Public Sector Choice and Finance
- ECO 3050 - Women in the Economy 3 cr
- ECO 3060 - Political Economy of the Environment 3 cr
- ECO 3210 - Great Ideas in Economics 3 cr
- ECO 3910 - Internship in Economics
- ECO 4910 - Independent Study 1-3 cr
- ENV 1210 - Environmental Harm and Mitigation Strategies 3 cr

Total credits required: 18 cr

Note:

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

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
- POS 2310 - Environmental Politics 3 cr
- PHI 3160 - Environmental Ethics 3 cr
- ENV 3080 - Globalization and the Environment 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:

- ANT 2210 - Anthropology and the Environment 3 cr
- ECO 3060 - Political Economy of the Environment 3 cr
- ENV 2910 - Independent Study 1-3 cr
- ENV 3810 - Internship in Environmental Studies 1-12 cr
- ENV 4910 - Independent Study 1-3 cr
- GEY 1040 - Environmental Geology 4 cr
- HIS 3170 - Environmental History: The U.S. Conservation Movement 3 cr

Total: 9 cr

Total credits required: 18 cr

Geography Minor (GEO)

The Geography minor is designed to introduce students to the description and analysis of the Earth. Because Geography utilizes tools and techniques found in the natural sciences, social sciences, arts, and humanities, it is a “unifying” discipline that, as a minor, complements many majors offered at Castleton State College.

Complete the following courses:

- GEO 1060 - Fundamentals of Geography 3 cr
- Five additional GEO courses, at least one of which must be at the 3000-level or above 15 cr

Total credits required: 18 cr

Global Studies Minor (GLB)

The Global Studies Minor enables students to complement their major by strengthening their understanding of and engagement with our globally integrated world.

Complete 18 credits to include the following:

- GLB 1010 - Introduction to Global Studies 3 cr

Complete two of the following:

- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- ECO 1040 - Global Economic Issues 3 cr
- GEO 2020 - World Regional Geography 3 cr
- HIS 1112 - World History II 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Total: 6 cr

Electives

Complete three courses above the 1000 level chosen from the courses listed for the GLB major. Electives must be selected from regions other than the United States. Prior approval by the Global Studies Coordinator is required.

Total: 9 cr

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:

- HIS 1111 - World History I 3 cr
- HIS 1112 - World History II 3 cr
- HIS 1210 - Survey of U.S. History 3 cr

Total: 6 cr

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.

Political Science 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

The 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.

Major

Mathematics (Elementary Education) (BA.MAT.EED)

Complete the following courses:

- MAT 1020 - Intermediate Algebra 3 cr
- MAT 1221 - Finite Mathematics 3 cr
- MAT 1531 - Calculus I 4 cr
- MAT 2550 - Mathematics: A Cultural Perspective 3 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr
- MAT 3020 - Mathematics for Elementary Teachers 4 cr
- MAT 3210 - Linear Algebra 3 cr
- MAT 3820 - Mathematics Tutorship 1-3 cr (3 cr required)
- MAT 4140 - Geometry 3 cr
- MAT 4210 - Teachers as Researchers 2 cr
- MAT 4720 - Senior Seminar 1-3 cr (3 cr required)

and at least 1 of the following courses:

- MAT 3220 - Probability 3 cr
- MAT 3310 - Differential Equations 3 cr
- MAT 4710 - Topics in Mathematics 1-3 cr

Credits required: 40 cr

and complete all Education Department requirements for Elementary Education.

Note:

To be accepted into the BA.MAT.EED program, students must obtain a positive letter of recommendation from a faculty member; receive approval from the Mathematics Department chair; select an academic advisor in the Mathematics Department.

Mathematics (Mathematics) (BA.MAT)

Complete the following courses:

- CIS 2031 - C# Programming I 3 cr
- 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 3310 - Differential Equations 3 cr
- MAT 3410 - Foundations of Mathematics 3 cr

- MAT 4110 - Advanced Calculus 3 cr
- MAT 4130 - Abstract Algebra 3 cr
- MAT 4720 - Senior Seminar 1-3 cr
- Foreign language proficiency is recommended. (12 credits or equivalent)

and four courses selected from the following:

- BUS 4130 - Quantitative Business Decisions 3 cr
- MAT 2550 - Mathematics: A Cultural Perspective 3 cr
- MAT 3250 - Applied Statistics 3 cr
- MAT 4140 - Geometry 3 cr
- MAT 4710 - Topics in Mathematics 1-3 cr (may be repeated)

Total: 12 cr

Total credits required: 51 cr

Mathematics (Secondary Education) (BA.MAT.SED)

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 3310 - Differential Equations 3 cr
- MAT 3410 - Foundations of Mathematics 3 cr
- MAT 3820 - Mathematics Tutorship 1-3 cr (3 cr required)
- MAT 3035 - Teaching Secondary Mathematics 3 cr
- MAT 4130 - Abstract Algebra 3 cr
- MAT 4140 - Geometry 3 cr
- MAT 4720 - Senior Seminar 1-3 cr (3 cr required)

and at least 1 of the following courses:

- MAT 2550 - Mathematics: A Cultural Perspective 3 cr
- MAT 4710 - Topics in Mathematics 1-3 cr
- MAT 4035 - Teaching Secondary Mathematics II 3 cr

Credits required: 45 cr

and complete all Education Department requirements for Secondary Education.

Note:

To be accepted into the BA.MAT.SED program, students must obtain a positive letter of recommendation from a faculty member; receive approval from the Mathematics Department chair; select an academic advisor in the Mathematics Department.

Mathematics (Statistics) (BA.MAT.STA)

Complete the following courses:

- CIS 2031 - C# Programming I 3 cr
- 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 3250 - Applied Statistics 3 cr
- MAT 3410 - Foundations of Mathematics 3 cr
- MAT 4010 - Design of Experiments 3 cr
- MAT 4020 - Applied Linear Regression 3 cr
- MAT 4720 - Senior Seminar 1-3 cr (3 cr required)

and four courses selected from the following:

- MAT 3310 - Differential Equations 3 cr
- MAT 4110 - Advanced Calculus 3 cr
- MAT 4140 - Geometry 3 cr
- BUS 4030 - Marketing Research 3 cr
- BUS 4110 - Operations Management 3 cr
- BUS 4130 - Quantitative Business Decisions 3 cr

Total: 12 cr

Total credits required: 51 cr

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.

NOTE: Those students wishing to have education as the second discipline should opt for BA.MAT.SED OR BA.MAT.EED since all Education Department requirements for Elementary Education and Secondary Education must be satisfied for a teaching degree.

Minor

Mathematics Minor (MAT)

Complete the following courses:

- MAT 1531 - Calculus I 4 cr
- MAT 2021 - Statistics I 3 cr 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

Total credits required: 20 cr

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
- MAT 1531 - Calculus I 4 cr

and complete at least 6 credits from the following:

(or other courses approved by the Mathematics Department)

- BUS 4030 - Marketing Research 3 cr
- BUS 4110 - Operations Management 3 cr
- BUS 4130 - Quantitative Business Decisions 3 cr
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 2112 - Organic Chemistry II 4 cr
- MAT 4010 - Design of Experiments 3 cr
- MAT 4020 - Applied Linear Regression 3 cr
- PED 4920 - Senior Research Project 3 cr
- PSY 3151 - Psychological Research I 4 cr
- PSY 3152 - Psychological Research II 4 cr
- SOC 3910 - Research Methods 4 cr

Total credits required: 19 cr

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.

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.

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. 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.

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.

Major

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 three courses:

- ECO 3220 - International Trade and Development 3 cr
- HIS 3210 - Social History of Latin America 3 cr
- HIS 3220 - Revolutions in Latin America 3 cr

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

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 (L) 3 cr
- FLL 1110 - Film and Lit: Hispanic, French and Italian 3 cr
- HIS 2410 - History and Culture of Latin America 3 cr

Study Abroad

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**

Total credits required: 45 cr

Minor

Spanish Studies Minor (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.

Music Department

Department Chair: Professor Glenn 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.

The Objectives of the Music Department are to prepare students to be able to:

1. Demonstrate technical proficiency and artistry on their primary instrument or voice;
2. Effectively teach music in a variety of areas such as applied instruction, classroom education and ensemble direction;
3. Understand music in depth through the study of music literature, history, theory and research;
4. Enrich their community through music performance, education and/or scholarly activity.

Student learning outcomes align with the three core requirements, all graduates must attain competency in these three areas as outlined by the music faculty:

Basic musicianship
Performance
Historical and cultural contextualization

Music Education students' learning outcomes additionally include teaching pedagogies as outlined by the music department and the Vermont Department of Education.

Major

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 3 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 - Chorus: Collegiate Chorale 0-1 cr (1 credit each semester)
- MUS 1220 - Wind Ensemble 0-1 cr (1 credit each semester)
- MUS 1230 - Jazz Ensemble 0-1 cr (guitar, bass, piano, 1 credit each semester)
- Or an equivalent experience approved by the department *a priori*.

Total credits required: 56 cr

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.

Required Courses:

- MUS 1090 - Foundations of Music Education 3 cr
- MUS 2060 - Introduction to Exceptional Populations in Music Education 3 cr
- MUS 2110 - Vocal Pedagogy 2 cr
- MUS 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
- MUS 3450 - Instructional/Music Application of Computers 3 cr
- MUS 4610 - Seminar in Teaching Music 1 cr
- MUS 4871 - Directed Student Teaching I 6 cr
- MUS 4872 - Directed Student Teaching II 6 cr
- MUS 1520 - Spartan Marching Band 0-1 cr (1 cr required)
- MUS 2115 - Jazz Pedagogy 2 cr

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

- MUS 2120 - String Instrument Teaching Methods 2 cr
- MUS 2130 - Woodwind Instrument Teaching Methods 2 cr
- MUS 2140 - Brass Instrument Teaching Methods 2 cr
- MUS 2240 - Percussion Instrument Teaching Methods 2 cr

and one of the following courses:

- PSY 1050 - Human Growth and Development 3 cr
- PSY 2110 - Educational Psychology 3 cr
- PSY 3265 - Child and Adolescent Development 3 cr

Total Credits Required: 102

To be accepted into Student Teaching, the student must:

- Achieve an overall GPA of 3.0; or written certification of intellectual competence by an academic dean.
- Have completed all Music and Music Education coursework or permission of the supervising music education faculty.
- Complete the Music Education Application to Student Teach form.
- 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).

- 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:

- Complete all college and departmental course requirements.
- Pass both ETS Praxis I and Praxis II examinations.
- Exemplify in conduct and attitude the maturity, judgment, ethical standards, and dedication expected in the teaching profession.
- Receive a grade of "B" or better in Student Teaching I, II, and Student Teaching Seminar.

- 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.

Minor

Music Minor (MUS)

A minor in Music may be earned by completing a minimum of 18 credits in Music 9 of which must be at the 2000 level or above, 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

Biology Coordinator: Assistant Professor Deborah Alongi

Environmental Science Coordinator: Professor Cynthia Moulton

Exercise Science Coordinator: Assistant Professor Justin Carlstrom

Geology Coordinator: Professor Timothy Grover

Health Science Coordinator: Professor Peter Kimmel

The Natural Sciences Department offers Bachelor of Arts or Sciences degrees Biology (BS.BIO), Environmental Science (BS.ENV), Exercise Science (BS. EXS), Geology (BS.GEY), and Health Science (BS.HLT).

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

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

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.

Elementary and Secondary Education Programs

The Natural Sciences Department is committed to providing outstanding science teachers to the region. Prospective elementary teachers should complete the Bachelor of Arts in Multidisciplinary Studies (MDS) with a concentration in science, and should have academic advisors in both the Natural Sciences Department and the Education Department. Additional science pedagogy labs are strongly recommended. The requirements for licensure listed under the Education Department’s programs must also be completed. Prospective secondary teachers should complete a major in Biology, Environmental Science or Geology and then pursue licensure. A minor in Chemistry and additional Mathematics courses are also recommended.

Major

Biology (BS.BIO)

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

Complete the following courses:

- BIO 1141 - Ecology and Evolution **4 cr** (grade of C or higher required)
- BIO 2010 - Cell and Molecular Biology **4 cr** (grade of C or higher required)
- BIO 2125 - Fundamentals of Microbiology **4 cr**

- BIO 3060 - Ecology **4 cr** or
- BIO 3065 - Plant Ecology **4 cr**

- BIO 3070 - Genetics **3 cr**
- BIO 4030 - Evolution **4 cr**
- CHE 1031 - General Chemistry I **4 cr** (grade of C or higher required)
- CHE 1032 - General Chemistry II **4 cr** (grade of C or higher required)
- CHE 2111 - Organic Chemistry I **4 cr**
- CHE 2112 - Organic Chemistry II **4 cr**
- MAT 1531 - Calculus I **4 cr**
- PHY 2110 - Physics I **4 cr**
- PHY 2210 - Physics II **4 cr**

Total: 50 to 51 cr

Additional Information

Students must complete an additional 16 credits of BIO (not to include internships, independent studies, or teaching assistantships) at the 3000 level or higher.

Additionally, students are encouraged to discuss a research project, teaching assistantship or internship with their academic advisors.

Total credits required: 66-67 cr

Environmental Science (BS.ENV)

This program integrates several scientific disciplines to provide students with a strong framework from which to analyze environmental problems and develop effective, sustainable solutions. Students earning a BS in Environmental Science will pursue careers in government, industry and the non-profit sector. In addition, this program prepares students to enter graduate degree programs in related environmental science fields such as toxicology, environmental health, hydrology, systems ecology, plant ecology, conservation, and numerous other possible options.

Complete these courses:

- BIO 1141 - Ecology and Evolution 4 cr *
- BIO 1142 - Cell and Molecular Biology 4 cr *
- BIO 3060 - Ecology 4 cr
- CHE 1031 - General Chemistry I 4 cr *
- CHE 1032 - General Chemistry II 4 cr *
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 2112 - Organic Chemistry II 4 cr
- GEY 1030 - Dynamic Earth 4 cr
- GEY 3110 - Hydrogeology 4 cr
- MAT 1531 - Calculus I 4 cr
- PHY 2110 - Physics I 4 cr
- PHY 2210 - Physics II 4 cr

Note:

* Indicates that a student must earn a grade of C or better in order to take additional courses in the major.

Total: 48 cr

and complete four of the following courses:

- BIO 3030 - Ecology of Water 3 cr
- BIO 3065 - Plant Ecology 4 cr
- BIO 3350 - Desert Ecology 4 cr
- BIO 4250 - Ecotoxicology 3 cr
- CHE 3020 - Analytical Chemistry 4 cr

- CHE 3030 - Geochemistry 3 cr or
- GEY 3030 - Geochemistry 3 cr

- GEO 2210 - Introduction to Geographic Information Systems 3 cr or
- SCI 2210 - Introduction to Geographic Information Systems 3 cr

Total credits required: 60-62 cr

Additional Information

In addition to the above requirements, we strongly recommend that students initiate an internship or research project in environmental science. We also encourage students to consider the minor in Environmental Studies to enhance their breadth of knowledge of environmental issues.

The BS in Environmental Science may not be combined with any other major in the Natural Science Department; however, up to 12 credits may be applied to a minor in Biology, Chemistry, or Geology.

Exercise Science (BS.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.

Exercise Science Requirements:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- BIO 3151 - Physiology of Exercise **4 cr**
- BIO 4152 - Pathophysiology and Clinical Exercise Physiology **3 cr**
- CHE 1031 - General Chemistry I **4 cr**
- CHE 1032 - General Chemistry II **4 cr**
- AHS 2170 - Strength Training Principles **2 cr**
- AHS 3120 - Kinesiology **3 cr**
- AHS 4220 - Scientific Foundations of Strength and Conditioning **3 cr**
- AHS 4260 - Nutrient Metabolism and Athletic Performance **3 cr**
- AHS 4160 - Ecg, Graded Exercise Testing and Prescription **4 cr**
- PED 2160 - Emergency Care and Personal Safety **3 cr**
- PED 4910 - Senior Thesis **3 cr**

and one of the following courses:

- AHS 4830 - Internship In Exercise Science **1-12 cr** (3 cr required)
- AHS 4912 - Senior Research In Exercise Science **3 cr**

Total: 47 cr

Specialization Electives (select 9 credits)

- AHS 1070 - Basic Athletic Training **3 cr**
- AHS 3813 - Pharmacology and General Medical Conditions **2 cr**
- BIO 2125 - Fundamentals of Microbiology **4 cr**
- BIO 3070 - Genetics **3 cr**
- BIO 3240 - Advanced Human Physiology **3 cr**
- CHE 2111 - Organic Chemistry I **4 cr**
- CHE 2112 - Organic Chemistry II **4 cr**
- CHE 3011 - Biochemistry I **3 cr**
- MAT 2021 - Statistics I **3 cr**
- PED 2140 - Fitness Center Management **3 cr**
- PED 2072 - Advanced Strength and Conditioning **1 cr**
- PED 4020 - Applied Nutrition and Weight Control **3 cr**
- PHY 2110 - Physics I **4 cr**
- PHY 2210 - Physics II **4 cr**

- PSY 1050 - Human Growth and Development 3 cr
- PSY 3130 - Health Psychology 3 cr

And complete two of the following courses (6-7 credits):

- BIO 3030 - Ecology of Water 3 cr
- BIO 4250 - Ecotoxicology 3 cr
- BIO 3350 - Desert Ecology 4 cr
- CHE 3020 - Analytical Chemistry 4 cr
- CHE 3030 - Geochemistry 3 cr or
- GEY 3030 - Geochemistry 3 cr

Total credits required: 58-59 cr

Additional Information

Admittance to and retention in the Exercise Science Program 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, BIO 2011, and BIO 2012

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, BIO 2011, and BIO 2012 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.

In addition to the above requirements, it is highly recommended that students initiate an internship or an independent research project in environmental science. We also recommend that students consider the minor in Environmental Studies to enhance the depth of their study of environmental issues. Up to 12 credits from the Environmental Science major may be applied to a minor in Biology, Geology, or Chemistry.

Geology (BS.GEY)

A comprehensive program in geology designed for preparation for graduate school, a career in geology, or secondary education.

Complete the following mathematics courses:

- MAT 2021 - Statistics I 3 cr
- MAT 1531 - Calculus I 4 cr

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 3 cr

Total credits required: 47 cr

Additional Information

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 3030 - Geochemistry 3 cr or
- GEY 3030 - Geochemistry 3 cr

- GEY 3110 - Hydrogeology 4 cr
- Summer field course-program approved by geology advisor.

Health Science (BS.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 3 cr

Complete the following required science courses:

- AHS 2810 - Internship in Health Science 1-3 cr
- 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 4 cr

Total: 25-27 cr

Complete at least 24 credits from the following courses:

At least 3 credits must be selected from each of the four areas.

A. Allied Health and Physical Education

- AHS 2151 - Evaluation and Management of Injuries to the Lower Extremity 3 cr
- AHS 2157 - Rehabilitation of Orthopedic Injuries 3 cr
- AHS 2160 - Anatomical Aspects of Sports Medicine 3 cr
- AHS 3090 - Introduction to Alternative/Complementary Medicine 3 cr
- AHS 3120 - Kinesiology 3 cr
- AHS 3150 - Physiology of Exercise 4 cr
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr
- AHS 4160 - Ecg, Graded Exercise Testing and Prescription 4 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr

B. Psychology

- 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 3265 - Child and Adolescent Development 3 cr
- PSY 3410 - Biopsychology 3 cr
- PSY 4050 - Nature and Nurture 3 cr

C. Science

- BIO 2125 - Fundamentals of Microbiology 4 cr
- BIO 3070 - Genetics 3 cr
- BIO 3210 - Developmental Biology 4 cr
- BIO 3240 - Advanced Human Physiology 3 cr
- BIO 4152 - Pathophysiology and Clinical Exercise Physiology 3 cr
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 2112 - Organic Chemistry II 4 cr
- CHE 3011 - Biochemistry I 3 cr

D. Contemporary Health Issues

- PED 2370 - Community Health 3 cr
- PED 3060 - Women's Health Issues 3 cr
- 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: 58-60 cr

Cooperative Degree

Occupational Therapy Castleton/Sage Graduate School Cooperative Degree 4 + 2 (MS-OPT)

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.

Students may choose from any of Castleton's baccalaureate programs, but we recommend that pre-OT students consider majoring in Psychology, Biology, Exercise Science, Health Science, or Athletic Training.

2. Pre-Occupational Therapy

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 2125 - Fundamentals 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
- SOC 1010 - Introduction to Sociology 3 cr or
- ANT 1010 - Introduction to Cultural Anthropology 3 cr

3. Attain an overall GPA of 3.00 or better.

4. Obtain a positive recommendation from Castleton's pre-health professional faculty.

Additional Information

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 June 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 occupational therapist
- OT admission interview, contact Theresa Hand at 518-244-2267 or handt@sage.edu
- Enrollment deposit of \$50 (non-refundable, to be applied toward graduate tuition.)

Physical Therapy Castleton/Sage Graduate School Cooperative Degree 4 + 3 (DPT)

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 granted preferred acceptance (based on space available) to the three-year clinical Doctor of Physical Therapy program (DPT) at Sage.

Specific program requirements:

1. Complete a baccalaureate degree program at Castleton.

Students may choose from any of Castleton's baccalaureate programs, but we recommend that pre-PT students consider majoring in Biology, Exercise Science, Health Science, or Athletic Training.

2. Prerequisite Courses.

Complete the following prerequisite courses with grades of C or better. (41 credits total)

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr

- BIO 2125 - Fundamentals 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 3.25 or better

(in Human Anatomy and Physiology, Microbiology, Chemistry, and Physics.)

4. Attain an overall GPA of 3.25 or better.

5. Obtain a positive recommendation from Castleton's pre-health professional faculty.

Additional Information:

Castleton students who complete the above requirements will be eligible for:

- Preferred acceptance (based on space available) into Sage's DPT program,
- Waiver of Sage Graduate School application fee,
- Early acceptance (for students who submit applications through the PTCAS early decision process in the summer before their senior year),
- Advisement to coordinate undergraduate electives and coursework to address DPT program prerequisites, and
- Opportunity to apply early for graduate assistantships.

Students should apply for admission to Sage Graduate School through the Physical Therapy Centralized Application Service (www.ptcas.org), following the early decision procedures as posted on the PTCAS web site, prior to the start of the student's senior year at Castleton. The deadline for early application is typically in mid-August.

Interested students may contact Sage directly at sagept@sage.edu

Minor

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.

Chemistry Minor (CHE)

A minor can be earned by completing at least 24 credits in Chemistry.

Students must complete the following courses:

- CHE 1031 - General Chemistry I 4 cr
- CHE 1032 - General Chemistry II 4 cr
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 3020 - Analytical Chemistry 4 cr

In addition, students must complete 8 credits from the following list of courses:

- CHE 2112 - Organic Chemistry II 4 cr
- CHE 2510 - Chemistry Laboratory Teaching Assistant 1-2 cr
- CHE 2910 - Independent Study 1-3 cr
- CHE 3011 - Biochemistry I 3 cr
- CHE 3012 - Biochemistry I Laboratory 1 cr
- CHE 3030 - Geochemistry 3 cr
- GEY 2010 - Mineralogy 4 cr

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 2125 - Fundamentals of Microbiology, BIO 3070 - Genetics, CHE 3011 - Biochemistry I, CHE 3012 - Biochemistry I Laboratory and CHE 3020 - Analytical Chemistry.

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.

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

Ellen Ceppetelli, Director

The Nursing Department offers two programs leading to either an Associate in Science (AS) in Nursing degree, or a Bachelor of Science (BS) in Nursing degree. The following options are available for enrollment:

Challenge Examination for Advanced Placement

Challenge examinations for admission to the AS in nursing program or four year BS in nursing program are available to Licensed Practical Nurses who possess a license in good standing. Successful completion of the examination process will exempt students from Foundations of Nursing I (NUR 1211). Select candidates may also challenge Foundations of Nursing II (NUR 1212). Students will not be allowed to register until written and skills challenge examinations have been successfully completed. Successful challenge of both NUR 1211 and NUR 1212 could enable a student to enter the nursing program in NUR 2111, provided other prerequisites are met. Details regarding the complete challenge process are available from the Nursing Department upon request.

Internal Transfer

Students are eligible for consideration for internal transfer to the nursing program from other academic programs within the college. The criteria listed below must be met in order to be considered for admission into a nursing degree program. The selection process takes place at the end of the spring semester. The most qualified applicants will be considered on a space available basis.

1. Have a cumulative GPA of at least 2.8 when application is made.
2. Have taken at least a 9-credit load in the semester prior to application.
3. Interview with a faculty member from the Nursing Department.

Fees

Some nursing courses require payment of a laboratory fee. For a summary of these fees please consult individual course descriptions. All nursing students are required to buy an identification badge. Nursing students are also expected to have a working watch with a second hand and are required to purchase uniforms, a lab coat, nursing shoes, stethoscope, blood pressure cuff, and bandage scissors.

Clinical and lab requirements for all programs of nursing: Several nursing courses require a lab component which will be taught by nursing faculty on campus in the Virtual Hospital. Courses requiring a clinical component at the level of an associate degree are taught on campus and in hospitals and other health agencies by the nursing faculty. Nursing students may commute from home or live in college residence halls. Clinical experience at the bachelor's level will be conducted using independent, student-driven preceptorships in the community which will be supervised and evaluated by nursing faculty. These clinical experiences will require the nursing student to hold a RN licensure in good standing in Vermont and in the state where the clinical experience is taking place. It is important to note that students are responsible for transportation and expenses to and from the agencies used for all clinical experiences.

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 performance in the clinical environment negates academic grade performance.

Major

Nursing (AS.NUR)

All nursing and science courses must be passed with a grade of "C" or higher. To be considered for transfer, all sciences must have been completed within ten years before the enrollment date. Any science course more than ten years old must be repeated.

Students matriculating into any nursing program are required to undergo a criminal background check after acceptance into the program and prior to enrollment. Final acceptance to the program is conditioned upon a satisfactory check. Additional checks and/or screenings may also be required by a specific clinical affiliation site. The cost of any background check will be paid by the student.

Students who complete the **Associates in Science** in Nursing program will be prepared through their nursing education to assume the three interrelated practice roles within the nursing discipline's ethical, legal, fiscal, and political framework and are eligible to

write the National Council of State Boards of Nursing Licensure Examination for Registered Nurses (NCLEX-RN). Upon completion of the Associates Degree Nursing Program at Castleton State College, the graduate:

- Assumes the role as provider of care in a contemporary health care environment integrating knowledge from social, physical, and health sciences. Applies principles of effective communication, critical thinking, and the nursing process to assess, diagnose, plan, implement, and evaluate, creating individualized care plans and teaching plans designed to empower patients across the life span to not only meet basic needs, but also to achieve and/ or maintain optimal health.
- Assumes the role as manager of patient care to establish nursing care priorities, delegate patient care tasks and work within the interdisciplinary team to ensure optimal patient outcomes.
- Assumes the role as member within the discipline of nursing demonstrating personal and professional accountability through the utilization of evidenced based and sustainable practices. Assumes responsibility for ongoing professional role development. Serves as a role model through caring and commitment shown toward individuals, families, communities, and the profession of nursing.

Required Courses:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- BIO 2125 - Fundamentals of Microbiology **4 cr**
- NUR 1211 - Foundations of Nursing I **6 cr ***
- NUR 1212 - Foundations of Nursing II **7 cr ***
- NUR 2111 - Reproductive, Family, and Mental Health Nursing **10 cr ***
- NUR 2112 - Nursing of Adults with Acute and Chronic Disorders **10 cr ***
- NUR 2020 - Issues in Nursing **2 cr**
- PSY 1010 - Introduction to Psychology **3 cr**

and complete one of the following courses:

- SOC 1010 - Introduction to Sociology **3 cr**
- SWK 2130 - Introduction to the Study of Aging **3 cr**

Note:

*Requires clinical study outside the classroom

Total credits required: 52 cr

Additional general education credits required:

To graduate from Castleton State College with an Associate of Science Degree:

Total general education requirements for an Associate Degree: 23 cr

Less: General education requirements satisfied by required nursing courses - 6 cr

Remaining General Education Requirements 17 cr

Total credits required to obtain a AS in Nursing degree: 69 cr

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.

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 she/he plans 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.

Nursing RN to BS Completion (BS.NUR)

Students and RNs who already hold either an Associate in Science in Nursing or a Diploma degree may enroll in the RN to BS Completion Program. This program requires that students have an RN license in good standing in the State of Vermont. Full-time enrollment will result in a Bachelor of Science with a major in Nursing degree in two years. Part-time enrollment is also an option. Students will be required to complete the program in five years.

Prerequisites for this program of study include: BIO 2011 - Human Anatomy and Physiology I, BIO 2012 - Human Anatomy and Physiology II, and BIO 2125 - Fundamentals of Microbiology (or their equivalents) in addition to a Vermont RN license in good standing.

Note: All nursing and science courses must be passed with a grade of “C” or higher.

Required Courses:

- MAT 2021 - Statistics I 3 cr
- NUR 3010 - Health Promotion and Protection 3 cr
- NUR 3020 - Transition to Professional Nursing Practice 3 cr
- NUR 3030 - Health Assessment 3 cr *
- NUR 3040 - Pathophysiology 3 cr
- NUR 3050 - Pharmacology for Nurses 3 cr
- NUR 3510 - Nursing Research 3 cr
- NUR 4010 - Family Health Nursing 3 cr
- NUR 4020 - Principles of Patient Teaching and Learning 2 cr
- NUR 4030 - Management and Leadership in Nursing 3 cr *
- NUR 4510 - Community Health Nursing 6 cr *
- PHI 3020 - Medical Ethics 3 cr
- PSY 3070 - Abnormal Psychology 3 cr

Note:

*Requires clinical study outside the classroom

and complete two of the following courses:

- BIO 1030 - Introduction of Nutrition (See Community College of Vermont course listings)

- PSY 1050 - Human Growth and Development 3 cr
- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SOC 2230 - Death And Dying 3 cr
- SWK 2130 - Introduction to the Study of Aging 3 cr

Estimated minimum general education credits required to complete a Bachelor's Degree: 12 cr

Minimum total credits required to obtain a BS in Nursing degree: 58 cr

Each candidate for the RN to BS Completion Program will be considered individually as a transfer student and must meet the Castleton State College Bachelor's Degree Requirements before graduation. For this reason, the time and number of credits required for program completion may vary.

All candidates licensed as a registered nurse will be awarded 34 credits toward their bachelor's degree.

Dual Degree

Nursing (BS.NUR)

This is a four-year program designed for students who wish to pursue traditional baccalaureate education. In order to proceed to the fourth and final year of the program, students will be required to graduate at the end of the third year with an Associate in Science in Nursing, successfully complete the National Council Examination for Registered Nursing (NCLEX-RN), and achieve RN licensure in the State of Vermont.

Students matriculating into any nursing program are required to undergo a criminal background check after acceptance into the program and prior to enrollment. Final acceptance to the program is conditioned upon a satisfactory check. Additional checks and/or screenings may also be required by a specific clinical affiliation site. The cost of any background check will be paid by the student.

Students who complete the **Bachelor of Science** in Nursing program will:

- Integrate information from nursing and the liberal arts and sciences to make decisions in the delivery of quality care.
- Incorporate principles of effective communication using a variety of techniques to interact with and convey information to clients, peers, other health care providers, and communities of interest.
- Apply assessment skills to determine the health status and needs of the client to provide the basis for planning and implementing interventions and evaluating outcomes of care.
- Integrate ethical principles in the delivery of health services to clients.
- In the multidimensional role of the generalist, demonstrate competencies associated with professional nursing practice.

Specific Program Requirements:

All nursing and science courses must be passed with a grade of "C" or higher. To be considered for transfer, all sciences must have been completed within ten years before the enrollment date. Any science course more than ten years old must be repeated.

Required Courses:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr

- BIO 2125 - Fundamentals of Microbiology **4 cr**
- MAT 2021 - Statistics I **3 cr**
- NUR 1211 - Foundations of Nursing I **6 cr ***
- NUR 1212 - Foundations of Nursing II **7 cr ***
- NUR 2111 - Reproductive, Family, and Mental Health Nursing **10 cr ***
- NUR 2112 - Nursing of Adults with Acute and Chronic Disorders **10 cr ***
- NUR 2020 - Issues in Nursing **2 cr**
- NUR 3010 - Health Promotion and Protection **3 cr**
- NUR 3020 - Transition to Professional Nursing Practice **3 cr**
- NUR 3030 - Health Assessment **3 cr ***
- NUR 3040 - Pathophysiology **3 cr**
- NUR 3050 - Pharmacology for Nurses **3 cr**
- NUR 3510 - Nursing Research **3 cr**
- NUR 4010 - Family Health Nursing **3 cr**
- NUR 4020 - Principles of Patient Teaching and Learning **2 cr**
- NUR 4030 - Management and Leadership in Nursing **3 cr ***
- NUR 4510 - Community Health Nursing **6 cr ***
- PHI 3020 - Medical Ethics **3 cr**
- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 3070 - Abnormal Psychology **3 cr**
- SOC 1010 - Introduction to Sociology **3 cr**

Note:

*Requires clinical study outside the classroom

and complete two of the following courses:

- BIO 1030 - Introduction to Nutrition (See Community College of Vermont course listings)
- PSY 1050 - Human Growth and Development **3 cr**
- SOC 2040 - Race, Ethnicity, Class and Gender **3 cr**
- SOC 2230 - Death And Dying **3 cr**
- SWK 2130 - Introduction to the Study of Aging **3 cr**

Total credits required: 98 cr

Additional Requirements:

Additional general education credits required to graduate from Castleton State College with a Bachelor of Science Degree:

Total general education requirements for a Bachelor's Degree: 42 cr

Less: General education requirements satisfied by required nursing major: -16 cr

Remaining General Education Requirements 26 cr

Total credits required to obtain a BS in Nursing degree: 125 cr

Total credits required to obtain a BS in Nursing degree: 125 cr

Philosophy

Coordinator: Professor Robert M. Johnson

The Philosophy Program offers a Bachelor's degree (BA.PHI) and a Minor Program in Philosophy.

The purpose of the Philosophy Program is to provide a foundation in philosophy and its highly effective skills of reasoning. Philosophy is the study of problems about the nature of reality, knowledge, and value. The questions of philosophy and the attempts to solve them, as presented in the writings of many of the world's most valued thinkers, constitute the core of the human drive to understand ourselves and our place in the world. Students can study major philosophical figures: Plato, Aristotle, St. Thomas Aquinas, Descartes, Kant, Mill, Nietzsche, Sartre, Wittgenstein, Quine, and more. The curriculum also introduces them to major philosophical and religious traditions: metaphysical dualism, materialism, nihilism, theism, existentialism, Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, and Confucianism.

At the same time, Philosophy trains its students to think more clearly and critically. That concentrated training in critical thinking is one of the best preparations for entry into any professional career. Many philosophy majors go into education in order to teach and do continued research in philosophy; but many more use philosophy as preparation for careers in the law, medicine, business, communication, and the arts. Those are increasingly common careers for philosophy majors.

Educational Objectives:

1. The student will read philosophical works with understanding and critical reflection.
2. The student composes an exposition of a philosophical problem or position describing how it is addressed by two to three philosophers from different historical periods.
3. The student engages in philosophic discourse by asking questions and offering responses that indicate understanding of a position's implications and presuppositions.

Major

Philosophy (BA.PHI)

The major in philosophy requires 36 credits or 12 courses to include the two-course History of Philosophy (PHI 3011 and PHI 3012) sequence and either the PHI 4510 - Seminar in Philosophy or PHI 4620 - Senior Thesis in Philosophy.

Required Courses:

- PHI 3011 - History of Philosophy I 3 cr
- PHI 3012 - History of Philosophy II 3 cr
- PHI 4510 - Seminar in Philosophy 3 cr
- PHI 4620 - Senior Thesis in Philosophy 3 cr
- Nine additional PHI courses 27 cr

Total credits required: 36 cr

Minor

Philosophy Minor (PHI)

The Minor in Philosophy requires 18 credits in Philosophy courses, which may include POS 3221 - Political Philosophy I and POS 3222 - Political Philosophy II.

Physical Education Department

Department Chair: Professor John Feenick

Coordinator of Athletic Training Program: Professor Reese Barber

Coordinator of Health Education: Assistant Professor Katy Culp *Coordinator of Practice in*

Teaching Physical Education Program: Associate Professor: Lisa Pleban

The 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.

Physical Activity Courses

Courses listed below may be used for requirements for concentrations within the major and are designed to develop skill and teaching methodology in the activity. Physical participation in these courses is required. These courses are available to all students; however, seats may be reserved at the time of registration for students within the major. The courses may include involvement in peer teaching, lesson planning, and resource development.

Team Sport Courses

- PED 1220 - Basketball **1 cr**
- PED 1230 - Softball **1 cr**
- PED 1240 - Soccer **1 cr**
- PED 1250 - Indoor Soccer **1 cr**
- PED 1290 - Lacrosse **1 cr**
- PED 1360 - Introduction to Ice Hockey **1 cr**
- PED 1710 - Field Hockey **1 cr**
- PED 2050 - Volleyball **1 cr**

Individual Pursuit Courses

- AHS 2170 - Strength Training Principles **2 cr**
- PED 1040 - Archery **1 cr**
- PED 1140 - Yoga **1 cr**
- PED 1160 - Tennis **1 cr**
- PED 1170 - Jogging **1 cr**
- PED 1180 - Golf **1 cr**
- PED 1210 - Badminton **1 cr**
- PED 1270 - Martial Arts **1 cr**
- PED 1280 - Pickleball **1 cr**

- PED 2070 - Conditioning **2 cr**
- PED 2072 - Advanced Strength and Conditioning **1 cr**
- PED 2130 - Horsemanship **1 cr**
- PED 2210 - Physical Methods of Stress Management **1 cr**
- PED 2270 - Racquetball **1 cr**

Aquatics Activity Courses

- PED 1060 - Water Safety Instruction **2 cr**
- PED 1070 - Fitness Swimming **1 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 **1 cr**
- DAN 2020 - Rhythms And Dance **2 cr**

Outdoor Recreation Activity Courses

- OER 1131 - Rock Climbing **1 cr**
- OER 1150 - Winter Recreation and Camping **2 cr**
- OER 1170 - Ice Climbing **1 cr**
- OER 1180 - Introduction to Telemark Skiing **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**
- OER 1225 - Wilderness Canoe Tripping **1 cr**
- OER 1230 - Introduction to Mountain Biking **1 cr**
- OER 1240 - Fly Fishing **1 cr**
- OER 1320 - Back Country Skiing and Snowboarding **1 cr**
- PED 2350 - White Water Rafting **1 cr**

Coaching and Officiating Courses

- PED 2090 - Principles and Practices of Coaching **3 cr**
- PED 2180 - Coaching Soccer **3 cr**
- PED 2190 - Principles of Coaching Ice Hockey **3 cr**
- PED 2220 - Coaching Basketball **3 cr**
- PED 2240 - Coaching Baseball **3 cr**

- PED 2390 - Coaching Football **3 cr**
- PED 2055 - Coaching Volleyball **3 cr**

Major

Athletic Training (BS.ATR)

This program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), which allows students to take the Board of Certification (BOC) Examination. After successful completion of the BOC examination, an individual will hold the credential of a certified athletic trainer (ATC). Students should make formal application to the Athletic Training Education Program through the Director of Athletic Training Education during the spring semester of their freshman year. The selection criteria are posted on the Castleton State College Athletic Training (CSC AT) web site, and are also explained in AHS 1060 - Introduction to the Athletic Training Profession. 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 six semesters of clinical field experiences 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 Director of the ATEP must approve the transfer of athletic training content courses. The Transfer and Late Application Policy is available on the CSC AT web site. Students must meet minimum health and technical standard requirements to be eligible to participate in the Athletic Training Education Program (ATEP). The health and technical standards can be found in the Athletic Training Admission Packet, which is available on the CSC AT web site. In addition, once accepted into the ATEP, students must meet minimum academic and clinical retention requirements. These requirements are outlined in the Athletic Training Student Handbook which is distributed to students formally admitted into the program, and it is available in electronic form on the web site. The clinical field experience requires travel to off-campus sites that would necessitate the use of a vehicle and involve associated travel expenses.

Athletic Training Education Mission Statement

The mission of the CAATE- accredited Athletic Training Education Program at Castleton State College is to provide a comprehensive and progressive academic and clinical education experience for students. This experience at Castleton will prepare students to pass the Board of Certification (BOC) examination and achieve entry level employment in the field of Athletic Training. The Athletic Training Education Program (ATEP) will provide formal instruction and clinical training in the following content areas:

Evidence-Based Practice	Prevention and Health Promotion
Clinical Examination and Diagnosis	Acute Care of Injury and Illness
Therapeutic Interventions	Health Care Administration
Psychosocial Strategies and Referral	Professional Development and Responsibility

The ATEP accepts the overall mission of Castleton State College to provide the opportunity for intellectual and personal growth of students through excellence in teaching, close student-faculty interaction, numerous opportunities for out of classroom learning, and an active and supportive campus community. The ATEP strives to prepare students for meaningful careers, further academic pursuits, and productive citizenship.

Athletic Training Education Program Goals

1. Students will critically apply content knowledge to real world situations and tasks.
2. Students will demonstrate professional responsibility and ethical behavior relevant to the field of athletic training.
3. Students will demonstrate competency and clinical proficiency in the five domains of athletic training.
4. Students will secure appropriate employment in Athletic Training or a related field, or gain admission to a graduate program of study.
5. The ATEP will provide high quality didactic and clinical instruction and learning opportunities to the students.

Athletic Training Education Program Objectives

1. Students will demonstrate effective clinical application of athletic training skills learned in didactic coursework.
2. Students will demonstrate adherence to the core foundational behaviors and professional attributes of health care providers.
3. The annual 1st time pass rate for the BOC examination for Castleton students will be at least 10% above the national average.
4. Annual assessment of program graduates will reveal at least 90% of our graduates secure appropriate employment in AT or a related field, or gain admission to a graduate program of study.
5. The ATEP will continually assess didactic and clinical education instruction and opportunities.

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 the Lower Extremity 3 cr *
- AHS 2152 - Evaluation and Management of Injuries to the 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 2610 - Practicum in Athletic Training 2 cr
- AHS 2821 - Athletic Training Clinical I 2 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 3811 - Evaluation and Management of Injuries to the Head, Neck, and Trunk 2 cr *
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr *
- AHS 3822 - Athletic Training Clinical II 2 cr
- AHS 3823 - Athletic Training Clinical III 2 cr
- AHS 4160 - Ecg, Graded Exercise Testing and Prescription 4 cr
- AHS 4620 - Senior Seminar in Athletic Training 2 cr *
- AHS 4824 - Athletic Training Clinical IV 2 cr
- AHS 4825 - Athletic Training Clinical V 2 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 3 cr

Total credits required: 74 cr

Note:

*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 3 cr
- CHE 1031 - General Chemistry I 4 cr
- PHY 1041 - Physics I 4 cr

Health Education (BS.HED/BS.HED.ESE)

The Physical Education Department offers the degree in Health Education with concentrations in elementary and secondary education with (BS.HED.ESE)* or without licensure (BS.HED). Courses within the department and field experiences in local schools and community organizations focus on the skill, knowledge, and understanding necessary to be successful in contemporary educational settings with or without licensure. The department is strongly committed to a standards-based approach with high expectations for students' effort, achievement, and behavior.

Students completing this program are expected to demonstrate skills, including, but not limited to:

1. The ability to organize, develop, implement, and evaluate a comprehensive health education program (pre K-12 curriculum) that includes the following Vermont health core concept areas: Alcohol, Tobacco, and Other Drugs; Family, Social, and Sexual Health; Mental and Emotional Health; Nutrition and Physical Activity; Personal Health and Wellness; and Violence and Injury Prevention.
2. The ability to develop and implement an assessment plan consistent with national and/or state standards.
3. The ability to develop accommodations for a health education program to meet the needs of all individuals. This includes an understanding of applicable laws, policies, and procedures.

Required Courses:

All majors in the Bachelor of Science in Health Education must complete the following courses:

- AHS 1010 - Contemporary Health Issues 3 cr
- AHS 2030 - Drug and Alcohol Curriculum 3 cr
- AHS 2150 - Designs for Fitness 3 cr
- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- EDU 2110 - Introduction to Exceptional Populations 3 cr
- HED 2310 - Health Education Methods 3 cr

- HED 3010 - Elementary Health Education Curriculum & Assessment 3 cr
- HED 3020 - Secondary Health Education Curriculum & Assessment 3 cr
- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 2370 - Community Health 3 cr
- PED 2420 - Foundations of Teaching Health and Physical Education 3 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr
- SWK 2020 - Family Violence 3 cr
- SWK 2030 - Human Sexuality 3 cr

and complete one of the following courses

- PSY 1050 - Human Growth and Development 3 cr
- PSY 2110 - Educational Psychology 3 cr
- PSY 3265 - Child and Adolescent Development 3 cr

and complete one of the following elective courses:

- PED 3060 - Women's Health Issues 3 cr
- PSY 3130 - Health Psychology 3 cr
- SOC 2230 - Death And Dying 3 cr
- WGS 2710 - Thinking Bodies or
- SOC 2710 - Selected Topics in Sociology 3 cr

Additional Information

In addition, students seeking licensure are responsible for developing a portfolio throughout their undergraduate experience demonstrating individual learning and growth as well as the ways in which the individual course work and field experiences foster proficiency in meeting the Vermont standards for teacher preparation. Integral field experiences insure that the student becomes part of a collaborative relationship in a school and/or community setting. Field experiences become more complex as students advance in the program, culminating in a semester-long student teaching experience. A minimum of 80 scheduled hours of field experience is required prior to student teaching.

Students seeking the BS.HED.ESE must pass through Gateways I and II in order to qualify for student teaching.

Requirements for Gateway I include:

- Receive a positive recommendation encouraging continuation in the program;
- Earn a cumulative GPA of 2.75;
- Earn a minimum within the major GPA of 2.75;
- Complete and submit a Declaration of Undergraduate Program (DUAP form);
- Make progress towards completion of the General Education Program;
- Submit electronic portfolio evidence completed in PED 2420 and HED 2310 (Health Educations Methods) that demonstrates progress in the student's understanding of an effective teaching and learning environment and evidence of a commitment to one's personal development as a future professional;

- Pass Praxis I or meet the alternative SAT score requirements.

Following completion of Gateway I, emphasis will be on completing their requirements of the health education major as well as honing pedagogical expertise in the field and classroom. Prospective teacher candidates will also continue to build their electronic portfolios documenting an understanding of the central connections between content and pedagogy.

Requirements for Gateway II include:

- Complete the department's application to student teach the semester before enrolling in student teaching;
- Pass the first portion of their electronic portfolio, which includes evidence indicated by the physical education department;
- Have completed all health education major and general education coursework or obtain permission from the Teacher Education Program Coordinator
- Earn a cumulative GPA of 3.0 and earn a GPA of 3.0 within the health education major or written certification of intellectual competence by an Academic Dean;
- Receive a recommendation from members of the faculty to continue in the teacher education program.
- Through related coursework, complete a minimum of 80 hours of supervised field experience;
- Pass the ETS Praxis II examination in Health Education content knowledge

Upon completion of Health Education Gateway II, students may be accepted into the student teaching practicum.

Teacher Licensure (preK-12):

To be recommended for licensure by the State of Vermont, a student must:

- Successfully complete and graduate from an approved program.
- Receive a grade of "B" or better in Student Teaching I and Student Teaching II and a "pass" in HED 4510 Seminar.
- Maintain a GPA of 3.0 and a B average (GPA of 3.0) in the field of major studies.
- Meet the required standard for the licensure portfolio.
- Exemplify in conduct and attitude the maturity, judgment, ethical standards, and dedication expected in the teaching profession.
- Pass the Praxis II examination in health education content knowledge. (requirement pending)

Pending approval by Vermont Department of Education.

Students wishing to work towards teacher licensure in preK-12 Health Education must apply and be accepted into Health Education Gateway II.

Required Courses:

- HED 4801 - Directed Student Teaching in Health Education I **6 cr**
- HED 4802 - Directed Student Teaching in Health Education II **6 cr**
- HED 4510 - Seminar in Teaching Health Education **1 cr**

Total health education credits required for BS.HED.ESE (teaching option):
72 cr

Dual Endorsement

Students seeking dual endorsement in preK-12 physical and health education in Vermont should substitute:

- HED 4811 - Elementary Health Education Practicum 1-2 cr
- HED 4812 - Secondary Health Education Practicum 1-2 cr for
- HED 4801 - Directed Student Teaching in Health Education I 6 cr
- HED 4802 - Directed Student Teaching in Health Education II 6 cr
- HED 4510 - Seminar in Teaching Health Education 1 cr

Practice in Physical Education (BS.PPE/BS.PPE.ESE)

The Physical Education Department offers the degree in the practice of Physical Education with concentrations in elementary and secondary education (BS.PPE.ESE) or without licensure (BS.PPE). The department makes a strong commitment towards a standards-based approach to the development of beginning educators.

The Physical Education Department holds high expectations for their students' effort and behavior. As a result of this teacher educator program, students are expected to demonstrate a variety of goals, including, but not limited to;

1. The ability to organize, develop, implement, and evaluate a physical education program (Pre-K-12 curriculum, athletic programs, health fitness programs)
2. The recognition and incorporation of safety, risk management, and liability considerations in physical education programs.
3. The ability to develop and implement an assessment plan consistent with national and/or state standards.
4. The ability to develop accommodations for physical education program to meet the needs of all individuals. This includes an understanding of applicable laws, policies, and procedures.

In addition, each student choosing to become a teacher is responsible for developing a portfolio. The portfolio is constructed during all semesters of the undergraduate experience. The portfolio will demonstrate individual learning and growth as well as how the individual course work and field experiences work together to foster proficiency in meeting Vermont State regulations and standards for teacher preparation.

Courses within the department and at field experiences in local schools and community organizations focus on the skill, knowledge, and understanding necessary to be successful in contemporary educational settings. Field practical experiences are those in which the student becomes part of a collaborative relationship in a school and/or community setting. They are an integral part of the teacher education experience. The role of the student 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.

Physical Education Teacher Education students are introduced to theory and practice of physical education beginning in their first year of study within the teaching major. The electronic portfolio process will allow students to demonstrate and assess their process towards the goals of the physical education teacher education program.

Two beginning-level pedagogy courses, PED 2420 - Foundations of Teaching Health and Physical Education, and PED 2410 - Curriculum and Instruction in Physical Education incorporate the production of evidence indicated by the Level I Licensure Portfolio. Two intermediate level pedagogy courses, PED 3070 - Methods of Teaching Elementary Physical Education, and PED 3140 - Methods of Teaching Secondary Physical Education incorporate additional portfolio requirements.

Between the student's first year until the semester leading up to student teaching, gateways will be used to assess teacher candidate progress through the program. Upon successful completion of PED 2420 and PED 2410, students must satisfy the requirements of Physical Education Gateway I before proceeding with PED 3070 and PED 3140.

Requirements for Physical Education Gateway I include:

- Receive a positive recommendation encouraging continuation in the program;
- Earn a cumulative GPA of 2.75;
- Earn a minimum within the major GPA of 2.75;

- Complete a minimum of 14 credits of 2000 and/or 3000 level course work within the Physical Education core;
- Complete and submit a Declaration of Undergraduate Program (DUAP form);
- Make progress towards completion of the General Education Program;
- Submit electronic portfolio evidence completed in PED 2420 and PED 2410 that demonstrates progress in the student's understanding of an effective teaching and learning environment, and evidence of a commitment to one's personal development as a future professional;
- Pass Praxis I or meet the alternative requirements.

Following completion of Gateway I, the program's emphasis will be on completing the requirements of the physical education major as well as honing pedagogical expertise in the field as well as the classroom. The Methods of Elementary Physical Education and the Methods of Secondary Physical Education courses will provide students with the opportunity to gain additional learning experiences using field-based inquiry, reflection, and analysis. Prospective teacher candidate will also continue to build their electronic portfolios by providing evidence that documents their understanding of the central connections between content and pedagogy.

Upon completion of Physical Education Gateway II, students may be accepted into the student teaching practicum. These Gateway II benchmarks are as follows;

- Complete the department's application to student teach the semester before enrolling in student teaching;
- Pass the first portion of their electronic portfolio, which includes evidence indicated by the physical education department;
- Have completed all physical education major and general education coursework; or, obtain permission from the Teacher Education Program Coordinator.
- Earn a cumulative GPA of 3.0 and earn a GPA of 3.0 within the physical education major; or written certification of intellectual competence by an academic dean;
- Receive a recommendation from members of the faculty to continue in the teacher education program.
- Through related coursework, complete a minimum of 80 hours of supervise field experience.
- Pass any additional teaching motor skills competency tests as required by the Physical Education Department.
- Pass the ETS Praxis I;
- Pass the ETS Praxis II Physical Education content exam; if the student does not pass 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 content area. This plan must be approved by the physical education program coordinator.

Physical Education core

All majors in the Bachelor of Science in Practice in Physical Education must complete the Physical Education core. The sequence of courses is suggested below.

- PED 1015 - Introduction to Health and Physical Education **3 cr**
- AHS 1070 - Basic Athletic Training **3 cr**
- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- PED 2420 - Foundations of Teaching Health and Physical Education **3 cr**
- PED 2320 - Motor Learning **3 cr**
- AHS 2150 - Designs for Fitness **3 cr**
- PSY 2110 - Educational Psychology **3 cr** or
- PSY 1050 - Human Growth and Development **3 cr** or
- PSY 3265 - Child and Adolescent Development **3 cr**

- DAN 2020 - Rhythms And Dance 2 cr
- OER 1211 - Adventure Education – Low Elements 2 cr
- PED 1170 - Jogging 1 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- PED 2260 - Gymnastics/Stunts and Tumbling 1 cr
- PED 2020 - Teaching Games and Movement 1 cr *
- PED 2410 - Curriculum and Instruction in Physical Education 3 cr *
- AHS 3120 - Kinesiology 3 cr *
- AHS 3150 - Physiology of Exercise 4 cr *
- PED 3320 - Teaching Team and Individual Motor Skills 3 cr
- PED 3110 - Adapted Physical Education 3 cr *
- PED 4030 - Organization and Administration of Physical Education and Athletics 3 cr

Credits required: 54 cr

Note:

*indicates prerequisite course required.

Physical Activity

In addition, all majors in the Bachelor of Science in Practice in Physical Education must complete five physical activity content courses, including two “team sport” courses, and, three “lifetime pursuits” courses. At least one lifetime pursuit course must be from the racquet sports category. BS. PPE majors may choose the following coursework to fulfill this activity requirement:

Complete two of the following team sport courses:

- PED 1220 - Basketball 1 cr
- PED 1230 - Softball 1 cr
- PED 1240 - Soccer 1 cr
- PED 1250 - Indoor Soccer 1 cr
- PED 1290 - Lacrosse 1 cr
- PED 1360 - Introduction to Ice Hockey 1 cr
- PED 1710 - Field Hockey 1 cr
- PED 2050 - Volleyball 1 cr

Complete three of the following lifetime pursuits courses:

A minimum of one course must be from the racquet sports category:

- AHS 2170 - Strength Training Principles 2 cr
- DAN 1050 - Aerobic Dance 1 cr
- OER 1131 - Rock Climbing 1 cr
- OER 1150 - Winter Recreation and Camping 2 cr
- OER 1210 - Orienteering and Camping Skills 2 cr
- OER 1230 - Introduction to Mountain Biking 1 cr

- OER 1320 - Back Country Skiing and Snowboarding 1 cr
- PED 1040 - Archery 1 cr
- PED 1070 - Fitness Swimming 1 cr
- PED 1140 - Yoga 1 cr
- PED 1170 - Jogging 1 cr
- PED 1180 - Golf 1 cr
- PED 1270 - Martial Arts 1 cr
- PED 2010 - Beginning Swimming 1 cr

Racquet sport courses:

- PED 1160 - Tennis 1 cr
- PED 1210 - Badminton 1 cr
- PED 1280 - Pickleball 1 cr
- PED 2270 - Racquetball 1 cr

Total physical education credits required for B.S. PPE. (non teaching option): 59 cr

Other Requirements:

Prior to graduation, students must show competency in swimming, CPR, and first aid. First aid and CPR competency may be shown through participating in Red Cross programs and earning a CPR card or Advanced First Aid card. Swimming competency may be demonstrated through an Intermediate-level swimming instructor card, proper life-guarding credentials, and/or passing a Castleton State College-administered swim exam. Students may also elect to take the following courses to meet those requirements:

- PED 2010 - Beginning Swimming 1 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr

Teaching Option

Students wishing to work towards teacher licensure in K-12 Physical Education must apply and be accepted into Physical Education Gateway II, must apply and be accepted into the student teaching practicum, and, complete the PETE program requirements.

- PED 3070 - Methods of Teaching Elementary Physical Education 4 cr
- PED 3140 - Methods of Teaching Secondary Physical Education 4 cr
- PED 4871 - Directed Student Teaching In Physical Education I 6 cr
- PED 4872 - Directed Student Teaching in Physical Education II 6 cr
- PED 4720 - Seminar in Teaching Physical Education 1 cr

Total physical education credits required for B.S. PPE. ESE (teaching option): 80 cr

K-12 Teacher Licensure:

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.
- 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: 0091)

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-Based Information Systems, as well as having at least a 2.3 GPA overall and a successful interview to be admitted to the 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 PED 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 Sports 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
- ACC 2101 - Accounting I 3 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- PED 2470 - Seminar in Sports Administration 2 cr

- PED 2140 - Fitness Center Management 3 cr

- PED 3130 - Athletic Facility and Event Management 3 cr

- SOC 3150 - Sport And Society 3 cr
- PED 3160 - Legal and Ethical Principles in Sport 3 cr
- PED 3170 - Seminar in Sports Information Practices 3 cr
- PED 3210 - Sports Promotion 3 cr
- PED 4030 - Organization and Administration of Physical Education and Athletics 3 cr
- PED 4110 - Strategic Sport Management 3 cr

Total for core: 44 cr

And one of the following tracks

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)

- OER 1211 - Adventure Education – Low Elements 2 cr
- OER 1212 - Adventure Education – High Elements 2 cr
- OER 2060 - Advanced Wilderness First Aid 3 cr
- And one other OER 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 1211 - Video Workshop I 3 cr
- COM 2212 - Video Workshop II: News and Feature Production 3 cr
- COM 2210 - Broadcast Performance 3 cr

Sports Information Track (9 credits)

- COM 1040 - Media Writing 3 cr
- COM 2220 - WEB Content and Site Development 3 cr
- COM 2221 - Graphic Design I 3 cr

Total: 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 in a Global Context 3 cr

Total: 53-56 cr

- PED 4811 - Internship in Sports Administration 9-12 cr

Total credits required: 62-65 cr

Minor

Adventure Recreation Minor (ADV)

Required Courses:

- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- OER 1150 - Winter Recreation and Camping 2 cr
- OER 1210 - Orienteering and Camping Skills 2 cr
- OER 2060 - Advanced Wilderness First Aid 3 cr
- OER 2170 - Primitive Survival Skill 2 cr
- OER 2222 - Theory of Outdoor Leadership 2 cr

Total: 17 cr

Select 3 credits: (all one credit courses unless noted)

- OER 1131 - Rock Climbing 1 cr
- OER 1170 - Ice Climbing 1 cr
- OER 1180 - Introduction to Telemark Skiing 1 cr
- OER 1133 - Rock Climbing and Rappelling 1 cr
- OER 1225 - Wilderness Canoe Tripping 1 cr
- OER 1230 - Introduction to Mountain Biking 1 cr
- OER 1240 - Fly Fishing 1 cr
- OER 1320 - Back Country Skiing and Snowboarding 1 cr
- OER 2310 - Winter Mountaineering 3 cr
- PED 1040 - Archery 1 cr
- PED 2350 - White Water Rafting 1 cr

Total credits required: 20 cr

Coaching Minor (COA)

Required Courses:

- AHS 1070 - Basic Athletic Training 3 cr
- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 2090 - Principles and Practices of Coaching 3 cr

Select two of the following courses

- PED 2180 - Coaching Soccer 3 cr
- PED 2190 - Principles of Coaching Ice Hockey 3 cr
- PED 2220 - Coaching Basketball 3 cr
- PED 2240 - Coaching Baseball 3 cr
- PED 2390 - Coaching Football 3 cr

Total credits required: 21 cr

Fitness/Sport Science Minor (FIT)

Required Courses:

- AHS 2150 - Designs for Fitness 3 cr
- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2140 - Fitness Center Management 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr
- PED 2070 - Conditioning 2 cr
- PED 2210 - Physical Methods of Stress Management 1 cr
- AHS 2170 - Strength Training Principles 2 cr

Health Minor (HLT)

Required Courses:

- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- HED 2310 - Health Education Methods 3 cr

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 and Weight Control 3 cr
- PED 4050 - Drug and Alcohol Curriculum 3 cr
- AHS 1010 - Contemporary Health Issues 3 cr

- AHS 2120 - Wellness for Life 3 cr
- AHS 3090 - Introduction to Alternative/Complementary Medicine 3 cr
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr
- PSY 3130 - Health Psychology 3 cr
- SOC 2230 - Death And Dying 3 cr
- AHS 2030 - Drug and Alcohol Curriculum 3 cr

Total credits required: 21 cr

Physical Education Minor (PED)

Required Courses:

- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 2410 - Curriculum and Instruction in Physical Education 3 cr
- PED 2420 - Foundations of Teaching Health and Physical Education 3 cr

and one of these courses:

- AHS 1010 - Contemporary Health Issues 3 cr
- PED 2370 - Community Health 3 cr
- HED 2310 - Health Education Methods 3 cr

and one of these courses:

- DAN 1050 - Aerobic Dance 1 cr
- DAN 2020 - Rhythms And Dance 2 cr

and complete these life activity requirements:

- Two team activity courses
- Two individual pursuit courses

Total: 4 cr

Total credits required: 21 cr

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 a grade of 2.0 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.

Major

Developmental Psychology (BA.PSY.DEV)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 1050 - Human Growth and Development **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**
- PSY 3410 - Biopsychology **3 cr**
- and complete one 4000-level course or seminar **3 cr**
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. **6 cr**

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- MAT 2021 - Statistics I **3 cr**
- MAT 2022 - Statistics II **3 cr**

Concentration in Developmental Psychology

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.

Required Courses:

Complete the requirements for the Psychology major listed above, and complete the following two courses:

- PSY 3150 - Cognitive Development 3 cr
- PSY 3240 - Social Development 3 cr

and complete at least one course from the following pair:

- PSY 2110 - Educational Psychology 3 cr
- PSY 2210 - Applied Behavior Analysis I 3 cr

and complete at least one course from the following pair:

- PSY 3060 - Child Psychopathology 3 cr
- PSY 3220 - Juvenile Delinquency 3 cr

and complete at least one of the following 4000 level courses:

- PSY 4020 - Psychological Testing 3 cr
- PSY 4030 - Language and Thought 3 cr
- PSY 4050 - Nature and Nurture 3 cr

Total credits required: 15 cr

Forensic Psychology (BA.PSY.FOR)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology 3 cr
- PSY 1050 - Human Growth and Development 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
- PSY 3410 - Biopsychology 3 cr
- and complete one 4000-level course or seminar 3 cr
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. 6 cr

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Concentration in Forensic Psychology

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.

Health Psychology (BA.PSY.HLT)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology 3 cr
- PSY 1050 - Human Growth and Development 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
- PSY 3410 - Biopsychology 3 cr
- and complete one 4000-level course or seminar 3 cr
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. 6 cr

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Concentration in Health Psychology

This concentration is designed for students who have a particular interest in the connections between psychology and health issues. Students who aspire to careers in behavioral medicine, public health, health promotion, epidemiology, clinical health psychology, counseling, allied health fields, or other human service areas are encouraged to follow the guidelines with respect to the required and recommended courses.

Required Courses:

Complete the requirements for the Psychology major listed above, and complete the following courses:

- PSY 2170 - Drugs and Behavior **3 cr**
- PSY 2280 - Positive Psychology **3 cr**
- PSY 3070 - Abnormal Psychology **3 cr**
- PSY 3130 - Health Psychology **3 cr**

and complete at least one of the following 4000-level courses:

- PSY 4020 - Psychological Testing **3 cr**
- PSY 4320 - Advanced Research **3 cr**
- A 4000-level seminar with related* content (a special topic such as Eating Disorders, Addictions, or Chronic Illness and Disabilities)

The following courses are recommended:

- AHS 3150 - Physiology of Exercise **4 cr**
- PED 4020 - Applied Nutrition and Weight Control **3 cr**
- PHI 3120 - Medical Ethics

Note:

*approved by Health Psychology Program Coordinator or Department Chair

Psychology (BA.PSY)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 1050 - Human Growth and Development **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**
- PSY 3410 - Biopsychology **3 cr**

- and complete one 4000-level course or seminar **3 cr**
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. **6 cr**

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- MAT 2021 - Statistics I **3 cr**
- MAT 2022 - Statistics II **3 cr**

Psychology Honors (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 GPA of 3.0 or better in Psychology and in all overall course work.
- Recommendation by at least two faculty members in the Psychology Department.
- 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.

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 1050 - Human Growth and Development **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**
- PSY 3410 - Biopsychology **3 cr**
- and complete one 4000-level course or seminar **3 cr**
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. **6 cr**

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Complete the requirements for the Psychology major listed above, and complete the following courses:

- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr
- PSY 4320 - Advanced Research 3 cr
- PSY 4920 - Honors Thesis 3 cr

Note:

A minor in Statistics is strongly recommended.

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.

Minor

Psychology Minor (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 David Ellenbrook

Coordinator of Criminal Justice Program: Professor Victoria DeRosia

Coordinator of Social Work Program: Professor Lillian Jackson

Coordinator of Sociology Program: Professor Phil Lamy

The 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.

Major

Criminal Justice (AS.CRJ)

All majors must complete 29 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 **2 cr**
- and an additional 12 credits in CRJ courses **12 cr**

Total: 29 cr

and complete one of the following courses:

- SOC 2040 - Race, Ethnicity, Class and Gender **3 cr**
- SWK 2040 - Discrimination In American Society **3 cr**

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 **3 cr**

Total credits required: 41 cr

Note:

* All required courses in Criminal Justice (i.e., CRJ 1010, CRJ 2010, CRJ 2020, CRJ 2080, and CRJ 2510) 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 three semesters of study.

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.

Criminal Justice (BA.CRJ)

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 evaluate various methods of gathering data about crime and patterns of crime and victimization, recognize and compare various theories of crime causation, and identify a variety of approaches to crime prevention.

All majors must complete 36 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 2 cr
- CRJ 3010 - Crime Victims 3 cr *
- CRJ 3020 - Criminal Justice Administration 4 cr **
- CRJ 3170 - Ethical Issues in Criminal Justice 3 cr
- CRJ 4720 - Senior Seminar in Criminal Justice 3 cr *
- and an additional 6 credits of CRJ 6 cr

Total: 36 cr

and complete one of the following courses:

- SOC 3210 - Criminology 3 cr
- PSY 3160 - Criminal Behavior 3 cr ***

and complete one of the following courses:

- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SWK 2040 - Discrimination In American Society 3 cr

and complete:

- SOC 3910 - Research Methods 4 cr or
- PSY 3151 - Psychological Research I 4 cr ***

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 3 cr

Major credits required: 55 cr

Note:

*All required courses in Criminal Justice (i.e., CRJ 1010, CRJ 2010, CRJ 2020, CRJ 2080, CRJ 2510, CRJ 3010, CRJ 3020, and CRJ 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

***For double majors in CRJ and PSY only

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.

Social Science Major by Contract (BA.SSC.SOC)

This major is for students who want to design a program of study that comprises two academic disciplines, one of which must be Sociology. The contract is designed and signed by the student, a Sociology faculty sponsor, and a faculty sponsor from another complementary discipline. Among the complementary disciplines that a student may choose from are Economics, Geography, History, Politics, Psychology, Women's and Gender Studies, or another appropriate academic discipline chosen by the student in consultation with the student's faculty advisor. The program must include at least 30 credits, with at least 18 credits at the upper level. Credits in the major should be balanced between the two selected 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 and signed 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. In addition to the major, students will also be required to complete 12 credits in related work chosen in consultation with the faculty advisor, or a minor of 18-24 credits in a third social science or another appropriate academic discipline. A second major may be substituted for the related work or minor. Approval of the sponsoring department chair is required.

Social Work (BSW.SWK)

Mission Statement

Consistent with the mission of the College and EPAS (2008) requirements for the Council on Social Work Education, the Baccalaureate Social Work Program's mission is to prepare students to be competent and effective professionals for entry-level

professional generalist practice. As one of two BSW programs in a small state and as part of the state college system, the Program will prepare many of Vermont's BSW level practitioners.

Students will acquire social work knowledge based on a body of knowledge, values and skills of the profession. They will be prepared and encouraged to provide leadership in the development of service delivery systems that promote human rights, and social and economic justice. Students will reflect the profession's core values of service, social justice, the dignity and worth of the person, the importance of human relationships, integrity, competence, human rights, and scientific inquiry.

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.

Competencies and Practice Behaviors

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.

Identify as a professional social worker and conduct oneself accordingly.

- a. Advocate for client access to the services of social work;
- b. Practice personal reflection and self-correction to assure continual professional development;
- c. Attend to professional roles and boundaries;
- d. Demonstrate professional demeanor in behavior, appearance, and communication;
- e. Engage in career-long learning; and
- f. Use supervision and consultation.

Apply social work ethical principles to guide professional practice

- a. Recognize and manage personal values in a way that allows professional values to guide practice;
- b. Make ethical decisions by applying standards of the National Association of Social Workers Code of Ethics² and, as applicable, of the International Federation of Social Workers/International Association of Schools of Social Work Ethics in Social Work, Statement of Principles³
- c. Tolerate ambiguity in resolving ethical conflicts; and
- d. Apply strategies of ethical reasoning to arrive at principles decisions.

Apply critical thinking to inform and communicate professional judgments

- a. Distinguish, appraise, and integrate multiple sources of knowledge, including research-based knowledge, and practice wisdom
- b. Analyze models of assessment, prevention, intervention, and evaluation; and

- c. Demonstrate effective oral and written communication in working with individuals, families, groups, organizations, communities, and colleges.

Engage diversity and difference in practice

- a. Recognize the extent to which a culture's structures and values may oppress, marginalize, alienate, or create or enhance privilege and power;
- b. Gain sufficient self-awareness to eliminate the influence of personal biases and values in working with diverse groups;
- c. Recognize and communicate their understanding of the importance of difference in shaping life experiences; and
- d. View themselves as learners and engage those with whom they work as informants.

Advance human rights and social and economic justice

- a. Understand the forms and mechanisms of oppression and discrimination;
- b. Advocate for human rights and social and economic justice; and
- c. Engage in practices that advance social and economic justice.

Engage in research-informed practice and practice-informed research

- a. Use practice experience to inform scientific inquiry and
- b. Use research evidence to inform practice.

Apply knowledge of human behavior and the social environment

- a. Utilize conceptual frameworks to guide the processes of assessment, intervention, and evaluation; and
- b. Critique and apply knowledge to understand person and environment.

Engage in policy practice to advance social and economic well-being and to deliver effective social work services

- a. Analyze, formulate, and advocate for policies that advance social well-being; and
- b. Collaborate with colleagues and clients for effective policy action.

Respond to contexts that shape practice

- a. Continuously discover, appraise, and attend to changing locales, populations, scientific and technological developments, and emerging societal trends to provide relevant services; and
- b. Provide leadership in promoting sustainable changes in service delivery and practice to improve the quality of social services.

Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Engagement: Social workers

- a. Substantively and affectively prepare for action with individuals, families, groups, organizations, and communities;
- b. Use empathy and other interpersonal skills; and
- c. Develop a mutually agreed-on focus of work and desired outcomes.

Assessment: Social workers

- a. Collect, organize, and interpret client data;
- b. Assess client strengths and limitations;
- c. Develop mutually agreed-on intervention goals and objectives; and
- d. Select appropriate intervention strategies.

Intervention: Social workers

- a. Initiate actions to achieve organizational goals;
- b. Implement prevention interventions that enhance client capacities;
- c. Help clients resolve problems;
- d. Negotiate, mediate, and advocate for clients; and
- e. Facilitate transitions and endings.

Evaluation: Social workers

- a. Social workers critically analyze, monitor, and evaluate interventions.

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 I, SWK 4020 - Social Work Practice II, and SWK 4811 - Field Experience 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.

All majors must complete the General Education requirements to include:

- ANT 1010 - Introduction to Cultural Anthropology 3 cr

- MAT 2021 - Statistics I 3 cr
- PSY 1010 - Introduction to Psychology 3 cr
- SOC 1010 - Introduction to Sociology 3 cr

and either:

- BIO 1010 - Human Biology and Laboratory 4 cr

or both:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human 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 3 cr or
- SSC 1010 - Introduction to the Study of Community 3 cr
- 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 - Early Field 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 I 3 cr
- SWK 3020 - History And Philosophy Of Social Work 3 cr
- SWK 4010 - Social Welfare Policies, Programs and Issues 3 cr
- SWK 4020 - Social Work Practice II 3 cr
- SWK 4030 - Social Work Practice III 3 cr
- SWK 4720 - Social Work Capstone 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 3 cr
- ECO 1010 - Economics and Society 3 cr
- PSY 2040 - Social Psychology 3 cr
- SOC 1030 - Social Problems 3 cr

Note:

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 (BA.SOC)

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.

Bachelor of Arts Degree in Sociology

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 - Capstone Seminar in Sociology 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.

Sociology Honors (BA.SOC.HON)

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.

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 - Capstone Seminar in Sociology 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

Sociology, Community Studies (BA.SOC.CMS)

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.

Concentration in Community Studies

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 - The 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 - Capstone Seminar in Sociology 3 cr
- SOC 4810 - Internship in Sociology 1-12 cr
- and complete 12 credits in related work to be approved by the coordinator.

Sociology, Criminology (BA.SOC.CRM)

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.

Concentration in Criminology

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.

Sociology, Cultural Anthropology (BA.SOC.CAN)

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.

Concentration in Cultural Anthropology

This concentration focuses on the rich diversity of human cultures through crosscultural 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 - Capstone Seminar in Sociology 3 cr
- and complete 12 credits in related work to be approved by the coordinator.

and three of the following seven courses:

- ANT 2210 - Anthropology and the Environment 3 cr
- ANT 2710 - Selected Topics in Anthropology 3 cr
- ANT 3210 - Anthropology of Food 3 cr
- ANT 4910 - Independent Study 3 cr
- SOC 3140 - Sociology of Popular Music 3 cr
- SOC 3160 - Anthropology of Religion 3 cr
- SOC 4910 - Independent Study 1-3 cr

Sociology, Power and Conflict (BA.SOC.PWC)

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.

Concentration in Power and Conflict

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 - Social Problems 3 cr
- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SOC 3220 - Social Movements of The 1960's 3 cr
- SOC 3910 - Research Methods 4 cr
- SOC 4020 - Sociological Theory 3 cr
- SOC 4720 - Capstone Seminar in Sociology 3 cr
- and complete 12 credits in related work to be approved by the coordinator.

and one of the following three courses:

- CRJ 3050 - Law and Society 3 cr
- SOC 2240 - The Changing Family 3 cr
- SOC 3120 - Sociology of Education 3 cr

and one of the following two courses:

- SOC 2170 - Gender Studies 3 cr
- WGS 1020 - Introduction to Women's And Gender Studies 3 cr

Minor

Criminal Justice Minor (CRJ)

A minor in Criminal Justice can be earned by completing 18 credits as follows:

- CRJ 1010 - Introduction to Criminal Justice 3 cr

and complete two of the following courses:

- CRJ 2010 - Law Enforcement in America 3 cr
- CRJ 2020 - American Judicial Process 3 cr
- CRJ 2080 - Correctional Philosophies and Practices 3 cr

and complete an additional 9 credits in CRJ courses: 9 cr

Total credits required: 18 cr

Sociology Minor (SOC)

A minor in Sociology can be earned by completing 18 credits in SOC and/or ANT courses.

Theatre Arts Department

Department Chair: Professor Harry McEnery

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 three concentrations: Acting and Directing (BA.THA.AAD) and in Technical Theater and Design.

The Acting and Directing and Technical Theater and Design concentrations are designed to prepare students for professional careers and/or graduate or conservatory level study in theater. The Theater Education minor 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. Students wishing to become licensed to teach theater (K-12) must also pursue another liberal arts major and coursework in the education department.

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.

Major

Theater Arts, Acting and Directing (BA.THA.AAD)

Bachelor of Arts Degree in Theater Arts

All majors must complete the following courses:

- THA 1001 - Stage Production I 1 cr
- THA 1041 - Introduction to Theater Arts 3 cr
- THA 1111 - Stagecraft I 3 cr
- THA 2002 - Stage Production II 1 cr
- THA 2011 - Survey of Theater History I 3 cr
- THA 2012 - Survey of Theater History II 3 cr
- THA 2050 - Introduction to Film Studies 3 cr
- THA 2120 - Script Workshop I 3 cr
- THA 2121 - Acting I 3 cr
- THA 2140 - Introduction to Theatrical Design 3 cr
- THA 3003 - Stage Production III 1 cr
- THA 3211 - Directing I 3 cr
- THA 3310 - Dramatic Theory and Criticism 3 cr
- THA 4030 - Advanced Stage Production 1 cr

and in the senior year

- THA 4720 - Senior Project in Theater 3 cr

Total credits required: 39 cr

Concentration in Acting and Directing

Complete a minimum of 15 credits from the following:

- DAN 1040 - Introductory Dance Workshop 3 cr
- THA 2122 - Acting II 3 cr
- THA 3020 - Acting for the Camera 3 cr
- THA 3030 - Children's Theater 3 cr
- THA 3123 - Acting III 3 cr
- THA 3124 - Acting IV 3 cr

Total credits required: 15 cr

Additional Information

Students in this concentration must also complete a minor.

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 and Media Studies majors must complete all requirements for a declared major in the Education Department. No additional minor is required.

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.

Theater Arts, Technical Theater and Design (BA.THA.TTD)

Bachelor of Arts Degree in Theater Arts

All majors must complete the following courses:

- THA 1001 - Stage Production I 1 cr
- THA 1041 - Introduction to Theater Arts 3 cr
- THA 1111 - Stagecraft I 3 cr
- THA 2002 - Stage Production II 1 cr
- THA 2011 - Survey of Theater History I 3 cr
- THA 2012 - Survey of Theater History II 3 cr
- THA 2050 - Introduction to Film Studies 3 cr
- THA 2120 - Script Workshop I 3 cr
- THA 2121 - Acting I 3 cr
- THA 2140 - Introduction to Theatrical Design 3 cr
- THA 3003 - Stage Production III 1 cr
- THA 3211 - Directing I 3 cr
- THA 3310 - Dramatic Theory and Criticism 3 cr
- THA 4030 - Advanced Stage Production 1 cr

and in the senior year

- THA 4720 - Senior Project in Theater 3 cr

Total credits required: 39 cr

Concentration in Technical Theater and Design

Complete a minimum of 15 credits from the following:

- THA 2130 - Costume Design and Construction 3 cr
- THA 2510 - Scenic Painting 3 cr
- THA 3050 - Stage Makeup 3 cr

- THA 3120 - Lighting Design 3 cr
- THA 3331 - Scene Design 3 cr
- THA 4020 - Stage Management 3 cr
- THA 4332 - Advanced Design for the Theater 3 cr

Total credits required: 15 cr

Additional Information

Students in this concentration must also complete a minor.

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 and Media Studies majors must complete all requirements for a declared major in the Education Department. No additional minor is required.

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.

Minor

Film Studies Minor (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 2050 - Introduction to Film Studies/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 one of the following courses:

- THA 2120 - Script Workshop I 3 cr
- THA 4040 - Script Workshop II 3 cr

and a minimum of 6 credits from the following:

- ARH 1010 - Introduction to the History of Art 3 cr
- ARH 3052 - History of Twentieth Century Art 3 cr
- ART 2301 - Photography I 3 cr

- ART 2130 - Experimental Video 3 cr or
- COM 2130 - Experimental Video 3 cr

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 3020 - Documentary Workshop 3 cr *
- COM 4020 - Screen Drama Workshop 3 cr *
- ENG 3560 - American Drama (L) 3 cr
- ENG 3630 - Poetry for Children (L) 3 cr
- PHI 3060 - Aesthetics 3 cr
- SOC 3140 - Sociology of Popular Music 3 cr
- THA 2011 - Survey of Theater History I 3 cr
- THA 2120 - Script Workshop I 3 cr
- THA 3020 - Acting for the Camera 3 cr
- THA 3730 - Special Topics in Film 3 cr **
- THA 4040 - Script Workshop II 3 cr
- THA 4910 - Independent Study 1-3 cr

Total credits required: 18 cr

Note:

*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.

Theater Arts Minor (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.

Theater Education Minor (TED)

Students seeking a teaching endorsement in Theater must complete the Literature major with a Concentration by Contract as well as the minor in Theater Education.

Required Courses:

All Theater Education minors must complete the following courses:

- THA 1001 - Stage Production I 1 cr
- THA 1041 - Introduction to Theater Arts 3 cr
- THA 1111 - Stagecraft I 3 cr
- THA 2002 - Stage Production II 1 cr

- THA 2121 - Acting I 3 cr
- THA 3003 - Stage Production III 1 cr
- THA 3030 - Children's Theater 3 cr

Total: 15 cr

and a minimum of 3 credits from the following:

- THA 2011 - Survey of Theater History I 3 cr
- THA 2012 - Survey of Theater History II 3 cr
- THA 2140 - Introduction to Theatrical Design 3 cr
- THA 3211 - Directing I 3 cr
- THA 4040 - Script Workshop II 3 cr

Total credits required: 18 cr

Women's and Gender Studies

Coordinator: Assistant Professor Melinda Mills

The Women's and Gender Studies program at Castleton offers a major by contract in Social Science with a primary field in Women's and Gender Studies through the History, Geography, Economics and Politics Department (BA.SSC.WGS), and a major by contract through the Sociology, Social Work and Criminal Justice Department (BA. SSC.SOC). It also offers a Minor in the discipline.

The courses in the program cut across several subject areas. The emphasis is on encouraging students to think critically and on re-examining history and disciplines cross-culturally using a feminist perspective. Drawing upon academic areas such as media studies, history, psychology, sociology, literary criticism, and anthropology, the program raises important questions regarding the way we have organized ourselves, our chief social and political institutions, and knowledge itself. As an area of academic study, Women's and Gender Studies provides new frameworks that are sensitive not only to issues of gender, but also to issues of race, class, and ethnicity. By analyzing the powerful and problematic impact of gender inequalities, Women's and Gender Studies revises the way we see ourselves and our world.

Major

Women's and Gender Studies, Social Science Major-by-Contract (BA.SSC.WGS)

A major by contract in Social Science with a primary field in Women's and Gender Studies is offered in the History, Geography, Economics and Politics Department, and also in the Sociology, Social Work and Criminal Justice Department. (See History, Geography, Economics, and Politics Department and Sociology, Social Work, and Criminal Justice Department for program requirements.)

Minor

Women's and Gender Studies Minor (WGS)

Program Requirements:

Complete the following course:

- WGS 1020 - Introduction to Women's And Gender Studies 3 cr

and complete at least 15 credits from following list of courses:

- COM 2140 - Race, Gender and Sexuality 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
- HIS 2530 - Women in History 3 cr
- HIS 3035 - History of Women in the U.S. 3 cr
- HIS 3065 - History of the Nature–Nurture Debate 3 cr
- HIS 3475 - Women and Gender in African History 3 cr
- PED 3060 - Women's Health Issues 3 cr
- PSY 1050 - Human Growth and Development 3 cr
- PSY 3240 - Social Development 3 cr
- SOC 1030 - Social Problems 3 cr
- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SOC 2170 - Gender Studies 3 cr
- SOC 3610 - Seminar in Advocacy 3 cr
- SPA 3160 - Latin American Women Writers 3 cr
- SWK 2120 - Women's Issues 3 cr
- SWK 2020 - Family Violence 3 cr
- SWK 2030 - Human Sexuality 3 cr
- WGS 2910 - Independent Study 1-3 cr
- WGS 3910 - Independent Study 1-3 cr
- WGS 4810 - Field Experience in Women's And Gender Studies 3 cr
- WGS 4910 - Independent Study 1-3 cr

Total credits required: 18 cr

With prior approval of the Women's and Gender 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 and Gender Studies option indicated in the course description.

Academic Programs

Associate in Science

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 - Business Communications **3 cr**
- BUS 3131 - Business Law I **3 cr**

Total 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 business 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, Management, or Marketing must consult with the business faculty advisor.

Communication (AS.COM)

Associate of Science graduates in Communication will be aware of the nature of the communication enterprise as a force in shaping social, economic, and political structure.

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**
- 12 additional credits in COM. **12 cr**

Total credits in Communication major: 30 cr

Criminal Justice (AS.CRJ)

All majors must complete 29 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 **2 cr**
- and an additional 12 credits in CRJ courses **12 cr**

Total: 29 cr

and complete one of the following courses:

- SOC 2040 - Race, Ethnicity, Class and Gender **3 cr**
- SWK 2040 - Discrimination In American Society **3 cr**

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 **3 cr**

Total credits required: 41 cr

Note:

* All required courses in Criminal Justice (i.e., CRJ 1010, CRJ 2010, CRJ 2020, CRJ 2080, and CRJ 2510) 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 three semesters of study.

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.

Nursing (AS.NUR)

All nursing and science courses must be passed with a grade of “C” or higher. To be considered for transfer, all sciences must have been completed within ten years before the enrollment date. Any science course more than ten years old must be repeated.

Students matriculating into any nursing program are required to undergo a criminal background check after acceptance into the program and prior to enrollment. Final acceptance to the program is conditioned upon a satisfactory check. Additional checks and/or screenings may also be required by a specific clinical affiliation site. The cost of any background check will be paid by the student.

Students who complete the **Associates in Science** in Nursing program will be prepared through their nursing education to assume the three interrelated practice roles within the nursing discipline’s ethical, legal, fiscal, and political framework and are eligible to write the National Council of State Boards of Nursing Licensure Examination for Registered Nurses (NCLEX-RN). Upon completion of the Associates Degree Nursing Program at Castleton State College, the graduate:

- Assumes the role as provider of care in a contemporary health care environment integrating knowledge from social, physical, and health sciences. Applies principles of effective communication, critical thinking, and the nursing process

to assess, diagnose, plan, implement, and evaluate, creating individualized care plans and teaching plans designed to empower patients across the life span to not only meet basic needs, but also to achieve and/ or maintain optimal health.

- Assumes the role as manager of patient care to establish nursing care priorities, delegate patient care tasks and work within the interdisciplinary team to ensure optimal patient outcomes.
- Assumes the role as member within the discipline of nursing demonstrating personal and professional accountability through the utilization of evidenced based and sustainable practices. Assumes responsibility for ongoing professional role development. Serves as a role model through caring and commitment shown toward individuals, families, communities, and the profession of nursing.

Required Courses:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- BIO 2125 - Fundamentals of Microbiology **4 cr**
- NUR 1211 - Foundations of Nursing I **6 cr ***
- NUR 1212 - Foundations of Nursing II **7 cr ***
- NUR 2111 - Reproductive, Family, and Mental Health Nursing **10 cr ***
- NUR 2112 - Nursing of Adults with Acute and Chronic Disorders **10 cr ***
- NUR 2020 - Issues in Nursing **2 cr**
- PSY 1010 - Introduction to Psychology **3 cr**

and complete one of the following courses:

- SOC 1010 - Introduction to Sociology **3 cr**
- SWK 2130 - Introduction to the Study of Aging **3 cr**

Note:

*Requires clinical study outside the classroom

Total credits required: 52 cr

Additional general education credits required:

To graduate from Castleton State College with an Associate of Science Degree:

Total general education requirements for an Associate Degree: 23 cr

Less: General education requirements satisfied by required nursing courses - 6 cr

Remaining General Education Requirements 17 cr

Total credits required to obtain a AS in Nursing degree: 69 cr

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.

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 she/he plans 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.

Bachelor of Arts

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 **3 cr** (Spring)
- ART 1011 - Drawing **3 cr** (Fall)
- ART 1020 - Introduction To Studio Arts **3 cr** (Fall)
- ART 1030 - Composition and Concepts in Painting **3 cr** (Spring)

Complete the following art courses:

- ARH 2011 - Survey of Western Art I **3 cr** (second year)
- ARH 2012 - Survey of Western Art II **3 cr** (second year)
- ART 2012 - Drawing II **3 cr** (third year)
- ART 2251 - Sculpture I **3 cr** (second year)
- ART 2311 - Printmaking I **3 cr** (second year)
- ART 3131 - Professional Studio Arts I **3 cr** (third year)
- ART 4133 - Professional Studio Arts II **3 cr** (fourth year)
- ART 4920 - Senior Exhibition/Presentation **1 cr** (fourth year)

Choose a field of concentration and complete specified courses:

Painting

- ART 2212 - Painting II **3 cr**
- ART 3113 - Painting III **3 cr**

- ART 4114 - Painting IV 3 cr

Sculpture

- ART 2252 - Sculpture II 3 cr
- ART 3253 - Sculpture III 3 cr
- ART 4254 - Sculpture IV 3 cr

Printmaking

- ART 2312 - Printmaking II 3 cr
- ART 3313 - Printmaking III 3 cr
- ART 4314 - Printmaking IV 3 cr

Art History

Choose three courses from the following options:

- ARH 2030 - History of Architecture 3 cr
- ARH 3010 - Classical Art: Greece and Rome 3 cr
- ARH 3030 - Italian Renaissance Art 3 cr
- ARH 3040 - The Art of Medieval Europe 3 cr
- ARH 3050 - American Art 3 cr
- ARH 3051 - History of Nineteenth Century Art 3 cr
- ARH 3052 - History of Twentieth Century Art 3 cr
- ARH 3070 - Art Since 1945 3 cr

Total for each of these concentrations: 43 cr

Photography

- ART 2301 - Photography I 3 cr
- ART 2302 - Photography II 3 cr
- ART 3303 - Photography III 3 cr
- ART 4304 - Photography IV 3 cr

Total in Photography Concentration: 46 cr

Graphic Design

The graphic design concentration is computer based.

Students are required to complete:

- ART 2221 - Graphic Design I 3 cr
- ART 2222 - Graphic Design II 3 cr

And choose two courses from the following

- ART 2040 - Typographic Design 3 cr
- ART 2140 - Advertising Design 3 cr
- ART 2160 - Publication Design 3 cr
- ART 3110 - Children's Book Illustration 3 cr
- ART 3130 - Web Graphics and Animation 3 cr

Total in Graphic Design Concentration: 46 cr

Criminal Justice (BA.CRJ)

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 evaluate various methods of gathering data about crime and patterns of crime and victimization, recognize and compare various theories of crime causation, and identify a variety of approaches to crime prevention.

All majors must complete 36 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 2 cr
- CRJ 3010 - Crime Victims 3 cr *
- CRJ 3020 - Criminal Justice Administration 4 cr **
- CRJ 3170 - Ethical Issues in Criminal Justice 3 cr
- CRJ 4720 - Senior Seminar in Criminal Justice 3 cr *
- and an additional 6 credits of CRJ 6 cr

Total: 36 cr

and complete one of the following courses:

- SOC 3210 - Criminology 3 cr
- PSY 3160 - Criminal Behavior 3 cr ***

and complete one of the following courses:

- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SWK 2040 - Discrimination In American Society 3 cr

and complete:

- SOC 3910 - Research Methods 4 cr or
- PSY 3151 - Psychological Research I 4 cr ***

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 3 cr

Major credits required: 55 cr

Note:

*All required courses in Criminal Justice (i.e., CRJ 1010, CRJ 2010, CRJ 2020, CRJ 2080, CRJ 2510, CRJ 3010, CRJ 3020, and CRJ 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

***For double majors in CRJ and PSY only

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.

Developmental Psychology (BA.PSY.DEV)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology 3 cr
- PSY 1050 - Human Growth and Development 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
- PSY 3410 - Biopsychology 3 cr
- and complete one 4000-level course or seminar 3 cr
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. 6 cr

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Concentration in Developmental Psychology

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.

Required Courses:

Complete the requirements for the Psychology major listed above, and complete the following two courses:

- PSY 3150 - Cognitive Development 3 cr
- PSY 3240 - Social Development 3 cr

and complete at least one course from the following pair:

- PSY 2110 - Educational Psychology 3 cr
- PSY 2210 - Applied Behavior Analysis I 3 cr

and complete at least one course from the following pair:

- PSY 3060 - Child Psychopathology 3 cr
- PSY 3220 - Juvenile Delinquency 3 cr

and complete at least one of the following 4000 level courses:

- PSY 4020 - Psychological Testing 3 cr
- PSY 4030 - Language and Thought 3 cr
- PSY 4050 - Nature and Nurture 3 cr

Total credits required: 15 cr

Economics Social Science Major-by-Contract (BA.SSC.ECO)

Upon completion of the Economics major, students will be able to demonstrate:

1. A working knowledge of economic vocabulary, concepts, theories, and facts.
2. An understanding of the limitations of economic theories along with the ability to integrate theories with their limitations.
3. An appreciation of the economic world, its significance in human affairs, and the importance of the body of economic knowledge as a means to further human well-being.
4. An understanding of the interconnections between economic systems and political, social, and cultural systems as well as the natural environment.
5. The skills of reading economic subject material accurately and critically; expressing economic ideas clearly; applying economic theories in the real world appropriately; and using analytical, mathematical, and graphical economic tools all as preparation for their professional careers and lives as citizens.

To major in Economics, the student and the coordinator of Economics (who becomes the student's academic advisor) initiate a written Social Science Major-by-Contract with the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Economics) and one representing an appropriate secondary discipline.
- b. Approved and signed (normally by the time the student has reached the fifth semester or 75 credits) by the student, the two faculty sponsors, the coordinator of Economics, the chair(s) of the department(s) involved, and the academic dean.
- c. Subject to modification at the request of the student or advisor; any modifications must be agreed to by all parties to the contract.

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

- At least 21 credits in Economics, including a 4000-level Independent Study
- At least 18 credits in the secondary discipline

In addition:

- At least one course in History (3 cr)
- At least one course in two of the following disciplines: Environmental Studies, Geography, Global Studies, Political Science (6 cr)
- Included among all the 48 credits earned, 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.

Environmental Studies Social Science Major-by-Contract (BA.SSC.ENV)

Upon completion of the Environmental Studies major, students will be able to demonstrate:

1. A broad knowledge of the Social Science and Humanities approaches to the natural environment.
2. An awareness of the vast nature and scope of environmental problems.
3. The ability to critically analyze past, present, and proposed governmental policy approaches to environmental and sustainability issues.
4. An extensive set of insights into the complexity of the political, geographical, historical, economic, and social issues surrounding the environmental, environmental justice, and sustainability movements.
5. An understanding of—and ability to grapple with—the numerous ethical dimensions to many environmental issues.
6. An ability to become effective environmental problem-solvers in a diverse world with differences in environmental perspectives.

To major in Environmental Studies, the student and the coordinator of Environmental Studies (who becomes the student's academic advisor) initiate a written Social Science Major-by-Contract with the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Environmental Studies) and one representing an appropriate secondary discipline.
- b. Approved and signed (normally by the time the student has reached the fifth semester or 75 credits) by the student, the two faculty sponsors, the coordinator of Environmental Studies, the chair(s) of the department(s) involved, and the academic dean.
- c. Subject to modification at the request of the student or advisor; any modifications must be agreed to by all parties to the contract.

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

- At least 21 credits in Environmental Studies, including a 4000-level Independent Study. These courses may be chosen from ENV courses and courses cross-listed with ENV.
- At least 18 credits in the secondary discipline

In addition, at least nine more credits must be earned as follows:

POS 1020 - American Politics and Government **3 cr**

Students whose secondary discipline is a Natural Science must take at least one course in two of the following disciplines: ECO, GEO, GLB, HIS (beyond what they are already taking for their principal discipline) **6 cr**

Students whose secondary discipline is NOT a Natural Science must take at least one course in two of the following disciplines: BIO, CHEM, GEY, SCI (beyond what they are already taking for their principal discipline) **6 cr**

- Included among all the 48 credits earned, 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.

Forensic Psychology (BA.PSY.FOR)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 1050 - Human Growth and Development **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**
- PSY 3410 - Biopsychology **3 cr**
- and complete one 4000-level course or seminar **3 cr**
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. **6 cr**

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Concentration in Forensic Psychology

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.

Geography Social Science Major-by-Contract (BA.SSC.GEO)

Geography is concerned with understanding the Earth as home to humans. Geographers attempt to describe spatial patterns (what phenomena are located on the Earth's surface, and where they are located) and to analyze those patterns (why those phenomena are located where they are, and how they are related to each other). In so doing, they typically address one or more of the following themes: location, place, region, movement, and human-environment interactions.

Upon completion of the Geography major, students will be able to:

1. Demonstrate a broad understanding of the field of Geography.
2. Demonstrate a concentrated understanding of a particular geographic region or subfield.
3. Apply skills needed to develop, carry out, and communicate the results of an independent research project in Geography.
4. Seek employment and/or acceptance to graduate school.

To major in Geography, the student and the coordinator of Geography (who becomes the student's academic advisor) initiate a written Social Science Major-by-Contract with the following stipulations:

- a. Drawn up by the student and two faculty members, one representing the principal discipline (Geography) and one representing an appropriate secondary discipline.
- b. Approved and signed (normally by the time the student has reached the fifth semester or 75 credits) by the student, the two faculty sponsors, the coordinator of Geography, the chair(s) of the department(s) involved, and the academic dean.
- c. Subject to modification at the request of the student or advisor; any modifications must be agreed to by all parties to the contract.

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

- At least 21 credits in Geography, including a 4000-level Independent Study
- At least 18 credits in the secondary discipline

In addition:

- At least one course in History (3 cr)

- At least one course in two of the following disciplines: Economics, Environmental Studies, Global Studies, Political Science (6 cr)
- Included among all the 48 credits earned, 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.

Global Studies (BA.GLB)

The Global Studies major provides an opportunity to acquire information, knowledge, and interpretive paradigms that enhance students' understanding of the changing world order and enable them to live more fulfilling and useful lives. This multidisciplinary major requires coursework that trains students to analyze the world in a variety of contexts—geographic, historical, economic, environmental, political, cultural, social, religious, philosophical, and aesthetic. Through their courses and study abroad, students develop the critical skills they will need to achieve their goals in our increasingly integrated local, national, and world communities. Upon completion of the Global Studies major, students will be able to demonstrate:

1. The ability to identify and analyze patterns of human interdependence, including
 - the contested notion of globalization, and the multiple and cumulative impacts of the powerful forces driving this process;
 - the global variety of organizational structures, institutions, and processes;
 - the ways in which cultures and peoples structure and frame common and competing interests in—and understandings of—the world;
 - interrelationships among cultures, environments, places, and technologies;
 - global environmental problems and mitigation strategies.
2. In-depth knowledge and analysis of concepts, theories and information gained through a concentrated exploration of one particular global theme.
3. In-depth knowledge and analysis of one particular region and its relationship to the rest of the world.
4. Understanding of multiple worldviews derived from academic study, proficiency in a modern foreign language, and cultural immersion abroad.

All majors must complete 51 credits: 18 credits in required core courses, 9 credits in one thematic concentration, 9 credits in one regional concentration, 12 credits in a foreign language, 0-2 credits in GLB 3810 - Cultural Immersion Experience, and 3 credits in GLB 4610 - Global Studies Capstone Seminar.

I. Core Courses

These courses should be completed by the end of your fourth semester in the program

- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- ECO 1040 - Global Economic Issues 3 cr
- GEO 2020 - World Regional Geography 3 cr
- GLB 1010 - Introduction to Global Studies 3 cr
- HIS 1112 - World History II 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Total: 18 cr

II. Thematic Concentration

Select ONE concentration (A, B, or C) and complete three courses within that concentration. No course fulfilling the Thematic Concentration may be counted for the Regional Concentration or vice versa.

A. International Political Economy, Governance and Human Rights

This thematic concentration is designed for students interested in global institutions, power dynamics, and political processes, and who aspire to careers in the diplomatic service, the UN, peace work, or other international non-governmental organizations.

- ECO 3220 - International Trade and Development 3 cr
- POS 2040 - International Relations 3 cr
- POS 2210 - Political Ideologies 3 cr
- POS 3221 - Political Philosophy I 3 cr
- POS 3222 - Political Philosophy II 3 cr
- POS 3250 - International Organizations 3 cr
- POS 3260 - Middle Eastern Politics and Government 3 cr
- POS 4010 - US Foreign Policy 3 cr

B. Environment/Sustainability

This thematic concentration is designed for students interested in the social science of environmental issues, and who aspire to careers devoted to solving environmental threats on a global scale.

- ANT 2210 - Anthropology and the Environment 3 cr
- ECO 3060 - Political Economy of the Environment 3 cr
- ENV 1210 - Environmental Harm and Mitigation Strategies 3 cr
- GEO 2060 - Environmental Systems
- GEO 2220 - Weather and Climate 3 cr
- PHI 3160 - Environmental Ethics 3 cr
- POS 2310 - Environmental Politics 3 cr

C. Global Dynamics of Culture

This thematic concentration is designed for students interested in the cultural dimensions of our world, and who aspire to careers that could take them abroad and that require well-developed cultural sensitivities. Students should keep their career goals in mind as they select from this broad array of culture-related courses. No more than 6 credits may be taken in any one of four world regions (Africa & Middle East, Asia, Europe, the Americas).

- ANT 3210 - Anthropology of Food 3 cr
- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2160 - International Communication 3 cr

- COM 3130 - International Cinema 3 cr or
- THA 3135 - International Cinema 3 cr

- ENG 2161 - World Literature through Renaissance (L) 3 cr
- ENG 2162 - World Literature from Enlightenment (L) 3 cr
- ENG 3230 - Asian Literature 3 cr
- ENG 3290 - Studies in World Literature (L) 3 cr
- HIS 1010 - Roots: Historical Perspectives on Global Problems and Issues 3 cr

- HIS 2260 - Asia in the World 3 cr
- HIS 2335 - Asia through Food and Film 3 cr
- HIS 2410 - History and Culture of Latin America 3 cr
- HIS 2431 - African History Before 1885 3 cr
- HIS 2432 - African History After 1885 3 cr
- HIS 3210 - Social History of Latin America 3 cr
- HIS 3220 - Revolutions in Latin America 3 cr
- HIS 3340 - Europe and the Middle East 3 cr
- HIS 3460 - History of African Political Thought
- HIS 3463 - Representing Africa through Western Eyes
- HIS 3464 - Representing Africa through African Eyes
- HIS 3465 - Apartheid South Africa 3 cr
- HIS 3470 - Modern African History: Texts in Context 3 cr
- HIS 3475 - Women and Gender in African History 3 cr
- HIS 3510 - Chinese History and Culture 3 cr
- HIS 3520 - Japanese History and Culture 3 cr
- HIS 3570 - History, Memory and War 3 cr
- HIS 3720 - Topics in Asian History 3 cr
- MUS 1080 - Global Music 3 cr
- PHI 2010 - Comparative Religions 3 cr
- SOC 3160 - Anthropology of Religion 3 cr

Total: 9 cr

III. Regional Concentration

Select ONE region (A, B, C, or D) and complete three courses within that region. No course fulfilling the Thematic Concentration may be counted for the Regional Concentration or vice versa.

A. Africa and Middle East

- HIS 2431 - African History Before 1885 3 cr
- HIS 2432 - African History After 1885 3 cr
- HIS 3340 - Europe and the Middle East 3 cr
- HIS 3460 - History of African Political Thought
- HIS 3463 - Representing Africa through Western Eyes
- HIS 3464 - Representing Africa through African Eyes
- HIS 3465 - Apartheid South Africa 3 cr
- HIS 3470 - Modern African History: Texts in Context 3 cr
- HIS 3475 - Women and Gender in African History 3 cr

B. Asia

- ENG 3230 - Asian Literature 3 cr
- HIS 2260 - Asia in the World 3 cr
- HIS 2335 - Asia through Food and Film 3 cr

- HIS 3510 - Chinese History and Culture 3 cr
- HIS 3520 - Japanese History and Culture 3 cr
- HIS 3570 - History, Memory and War 3 cr
- HIS 3720 - Topics in Asian History 3 cr
- PHI 2110 - Asian Philosophy 3 cr

C. Europe

- ARH 2011 - Survey of Western Art I 3 cr
- ARH 2012 - Survey of Western Art II 3 cr
- ARH 3010 - Classical Art: Greece and Rome 3 cr
- ARH 3030 - Italian Renaissance Art 3 cr
- ARH 3040 - The Art of Medieval Europe 3 cr
- ARH 3051 - History of Nineteenth Century Art 3 cr
- ARH 3052 - History of Twentieth Century Art 3 cr
- ENG 3170 - Epic Poetry (L) 3 cr
- ENG 3310 - Dante (L) 3 cr
- HIS 2255 - Early Modern Europe 3 cr
- HIS 2285 - Modern Europe 3 cr
- HIS 3340 - Europe and the Middle East 3 cr
- HIS 3345 - Masculinities in Modern Europe 3 cr
- HIS 3365 - Pax Britannica 3 cr
- HIS 3450 - Women in European History 3 cr
- MUS 2031 - History of Western Music: Ancient to Baroque 3 cr
- MUS 2032 - History of Western Music: Classical to Modern 3 cr
- PHI 3011 - History of Philosophy I 3 cr
- PHI 3012 - History of Philosophy II 3 cr
- POS 3320 - European Politics and Government 3 cr

D. The Americas

- GEO 3030 - People and Places of North America 3 cr
- HIS 2410 - History and Culture of Latin America 3 cr
- HIS 3210 - Social History of Latin America 3 cr
- HIS 3220 - Revolutions in Latin America 3 cr
- SPA 1180 - Latin American Writers 3 cr
- SPA 2030 - Spanish American Cultures 3 cr
- SPA 3060 - Latin America: The Making of the Canon (1492-1899) 3 cr
- SPA 3070 - Latin America: The Making of the Canon (1900 to the present) 3 cr
- SPA 3110 - Latin American Novel and Short Story 3 cr
- SPA 3150 - The Novel of the Mexican Revolution 3 cr
- SPA 3160 - Latin American Women Writers 3 cr

Total: 9 cr

IV. Cultural Immersion

- Complete 12 credits or equivalent in a modern foreign language **12 cr**
- GLB 3810 - Cultural Immersion Experience **0-2 cr**

Total: 12 cr

V. Capstone

- GLB 4610 - Global Studies Capstone Seminar **3 cr**

Total: 3 cr

Total credits required: 51 cr

Health Psychology (BA.PSY.HLT)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 1050 - Human Growth and Development **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**
- PSY 3410 - Biopsychology **3 cr**
- and complete one 4000-level course or seminar **3 cr**
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. **6 cr**

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- MAT 2021 - Statistics I **3 cr**
- MAT 2022 - Statistics II **3 cr**

Concentration in Health Psychology

This concentration is designed for students who have a particular interest in the connections between psychology and health issues. Students who aspire to careers in behavioral medicine, public health, health promotion, epidemiology, clinical health psychology, counseling, allied health fields, or other human service areas are encouraged to follow the guidelines with respect to the required and recommended courses.

Required Courses:

Complete the requirements for the Psychology major listed above, and complete the following courses:

- PSY 2170 - Drugs and Behavior 3 cr
- PSY 2280 - Positive Psychology 3 cr
- PSY 3070 - Abnormal Psychology 3 cr
- PSY 3130 - Health Psychology 3 cr

and complete at least one of the following 4000-level courses:

- PSY 4020 - Psychological Testing 3 cr
- PSY 4320 - Advanced Research 3 cr
- A 4000-level seminar with related* content (a special topic such as Eating Disorders, Addictions, or Chronic Illness and Disabilities)

The following courses are recommended:

- AHS 3150 - Physiology of Exercise 4 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr
- PHI 3120 - Medical Ethics

Note:

*approved by Health Psychology Program Coordinator or Department Chair

History (BA.HIS)

Bachelor of Arts in History

Upon completion of the History major, students will be able to demonstrate:

1. A broad and deep store of knowledge of human history, ancient to present, as well as:
 - knowledge of chronology, place, and significance;
 - mastery of the various theories, methodologies, and interpretations current in the history profession;
 - historical empathy;
 - understanding the role of the past in shaping current events and the richness of the past as a source for meeting contemporary challenges.
2. The ability to conduct and present both orally and in writing quality research that:
 - poses a significant historical question;
 - identifies, evaluates, contextualizes, and utilizes a wide variety of relevant primary and secondary sources;
 - articulates a clear thesis statement;
 - argues effectively by employing and properly citing evidence in support of a thesis;
 - explains the historical significance of the research.
3. The capacity to be teachers, and/or attend graduate school, and/or embark upon history-related careers.

Required Courses:

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 4601 - History Research Seminar 3 cr
- HIS 4602 - History Thesis 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
- three additional History courses above the 1000 level 9 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 3 cr

Total credits required: 48 cr

Note:

Students who plan to be secondary Social Studies teachers should take ECO 2250 - Economics for Social Studies Teachers.

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.

History Honors (BA.HIS.HON)

Bachelor of Arts in History

Upon completion of the History major, students will be able to demonstrate:

1. A broad and deep store of knowledge of human history, ancient to present, as well as:

- knowledge of chronology, place, and significance;
 - mastery of the various theories, methodologies, and interpretations current in the history profession;
 - historical empathy;
 - understanding the role of the past in shaping current events and the richness of the past as a source for meeting contemporary challenges.
2. The ability to conduct and present both orally and in writing quality research that:
 - poses a significant historical question;
 - identifies, evaluates, contextualizes, and utilizes a wide variety of relevant primary and secondary sources;
 - articulates a clear thesis statement;
 - argues effectively by employing and properly citing evidence in support of a thesis;
 - explains the historical significance of the research.
 3. The capacity to be teachers, and/or attend graduate school, and/or embark upon history-related careers.

Required Courses:

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 4601 - History Research Seminar **3 cr**
- HIS 4602 - History Thesis 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**
- three additional History courses above the 1000 level **9 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 **3 cr**

Total credits required: 48 cr

Note:

Students who plan to be secondary Social Studies teachers should take ECO 2250 - Economics for Social Studies Teachers.

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.

Bachelor of Arts in History Honors

The History Honors Program provides a more rigorous version of the History major than the regular Bachelor's program and it offers the opportunity to work even more closely with the department's faculty to produce an original piece of historical research. The program is strongly recommended for students who wish to pursue graduate study but it is appropriate for any student wishing to study history more broadly and in greater depth.

Eligibility

The candidate must be a History major with a GPA above 3.0 in History (HIS) courses as well as an overall GPA of at least 3.0.

The candidate must be recommended in writing by two members of the History faculty, one of whom will serve as the student's Honors advisor.

The candidate must then be approved as a History Honors major by the HGEP Department; such acceptance ordinarily occurs before the end of the sophomore year. The Department then forms an Honors Committee (comprised of the Honors advisor, the History Thesis Seminar instructor, and a third reader) that consults regularly with the candidate to help him or her complete the requirements below.

Requirements:

1. Complete the requirements of the History major.
2. Demonstrate intermediate reading proficiency in a foreign language. This can be satisfied by passing a reading examination or acquiring six credits of college-level foreign language courses.
3. Pass a comprehensive written examination based on the candidate's coursework and interests. The questions are designed by the History faculty with whom the candidate took courses. This examination normally takes place during the second semester of the senior year.
4. Submit a History Honors Thesis that demonstrates mastery of a historically significant topic, a thorough engagement with a wide range of primary and secondary sources, and advanced knowledge of—and ability to employ—historical methods, theories and research skills.
5. Conduct a public defense of the History Honors Thesis in which the candidate satisfactorily presents, explains, and defends the research, writing, organization, and conclusions of the thesis. The oral defense takes place no later than the last week of the candidate's final semester.

Literature, American Literature (BA.LIT.AMR)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration in American Literature

Complete the following:

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

and complete 15 credits selected from:

- ENG 3520 - American Poetry (L) 3 cr
- ENG 3530 - American Novel (L) 3 cr
- ENG 3550 - American Short Fiction (L) 3 cr
- ENG 3560 - American Drama (L) 3 cr
- ENG 3570 - American Literary Movements (L) 3 cr
- ENG 3580 - African American Literature (L) 3 cr
- ENG 3600 - American Literary Careers (L) 3 cr
- ENG 3610 - Women Writers (L) 3 cr

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 ENG 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.

Literature, Children's Literature (BA.LIT.CHL)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

- ENG 1310 - Introduction to Literature (L) 3 cr *
- ENG 2010 - Expository and Argumentative Writing 3 cr

- ENG 2271 - English Literature: Anglo-Saxons to 18th Century (L) 3 cr
- ENG 2272 - English Literature: 18th Century to Present (L) 3 cr
- ENG 3260 - Western Mythology (L) 3 cr
- ENG 3690 - The English Language: Grammar 3 cr
- ENG 4140 - Approaches to Literature (L) 3 cr

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration in Children's Literature

Complete the following:

- ENG 2411 - Nineteenth Century Children's Literature (L) 3 cr
- ENG 2412 - Twentieth Century Children's Literature (L) 3 cr

and complete 12 credits selected from:

- ENG 3180 - Lyric Poetry (L) 3 cr
- ENG 3230 - Asian Literature 3 cr
- ENG 3620 - Overview Of Children's Literature (L) 3 cr
- ENG 3630 - Poetry for Children (L) 3 cr
- ENG 3640 - Images of the Child in Literature (L) 3 cr
- ENG 3650 - Art of Children's Book Illustration (L) 3 cr
- ENG 3660 - Folk Tales (L) 3 cr
- ENG 3720 - Special Topics In Children's Literature (L) 3 cr

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 ENG 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.

Literature, Concentration by Contract (BA.LIT.CNT)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration by Contract

Literature majors may design individual plans for concentration study, completing 18 credit hours of coursework from among regularly offered courses in American Literature, Children's Literature, World Literature, and the Minor in Writing, as well as from independent studies and internships. They must consult with one or more English department faculty members as they design those plans. Such plans must demonstrate a coherent purpose—such as study in fiction, poetry, drama, or writing—and may proceed only by written contract approved by the department.

Literature majors who undertake a concentration by contract and who hope to teach theater must complete American Drama, Greek Tragedy, and the second Shakespeare course along with an additional 9 credit hours from among the regularly offered courses mentioned in the previous paragraph. They must also complete a Minor in Theater Education.

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 ENG 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.

Literature, World Literature (BA.LIT.WLD)

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.

Bachelor of Arts in Literature

All majors must complete the following common courses:

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

Note:

* Literature majors should complete this course their first year.

Including one of these two courses:

- ENG 2311 - American Literature: Colonial to Civil War (L) 3 cr
- ENG 2312 - American Literature: Civil War to Present (L) 3 cr

Including one of these two courses:

- ENG 3360 - Shakespeare Comedies and Histories (L) 3 cr
- ENG 3370 - Shakespeare Tragedies And Late Comedies (L) 3 cr

Total credits required: 27 cr

Concentration in World Literature

Complete the following:

- ENG 2161 - World Literature through Renaissance (L) 3 cr
- ENG 2162 - World Literature from Enlightenment (L) 3 cr

and complete 12 credits selected from:

- ENG 3170 - Epic Poetry (L) 3 cr
- ENG 3180 - Lyric Poetry (L) 3 cr
- ENG 3210 - Greek Tragedy (L) 3 cr
- ENG 3220 - World Fiction (L) 3 cr
- ENG 3230 - Asian Literature 3 cr
- ENG 3290 - Studies in World Literature (L) 3 cr
- ENG 3310 - Dante (L) 3 cr
- ENG 3610 - Women Writers (L) 3 cr
- ENG 3660 - Folk Tales (L) 3 cr

Note:

Appropriate 3000-level Modern Foreign Language literature course Intermediate proficiency in a foreign language is recommended.

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 ENG 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.

Mathematics (Elementary Education) (BA.MAT.EED)

Complete the following courses:

- MAT 1020 - Intermediate Algebra 3 cr
- MAT 1221 - Finite Mathematics 3 cr
- MAT 1531 - Calculus I 4 cr
- MAT 2550 - Mathematics: A Cultural Perspective 3 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr
- MAT 3020 - Mathematics for Elementary Teachers 4 cr
- MAT 3210 - Linear Algebra 3 cr

- MAT 3820 - Mathematics Tutorship **1-3 cr** (3 cr required)
- MAT 4140 - Geometry **3 cr**
- MAT 4210 - Teachers as Researchers **2 cr**
- MAT 4720 - Senior Seminar **1-3 cr** (3 cr required)

and at least 1 of the following courses:

- MAT 3220 - Probability **3 cr**
- MAT 3310 - Differential Equations **3 cr**
- MAT 4710 - Topics in Mathematics **1-3 cr**

Credits required: 40 cr

and complete all Education Department requirements for Elementary Education.

Note:

To be accepted into the BA.MAT.EED program, students must obtain a positive letter of recommendation from a faculty member; receive approval from the Mathematics Department chair; select an academic advisor in the Mathematics Department.

Mathematics (Mathematics) (BA.MAT)

Complete the following courses:

- CIS 2031 - C# Programming I **3 cr**
- 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 3310 - Differential Equations **3 cr**
- MAT 3410 - Foundations of Mathematics **3 cr**
- MAT 4110 - Advanced Calculus **3 cr**
- MAT 4130 - Abstract Algebra **3 cr**
- MAT 4720 - Senior Seminar **1-3 cr**
- Foreign language proficiency is recommended. (12 credits or equivalent)

and four courses selected from the following:

- BUS 4130 - Quantitative Business Decisions **3 cr**
- MAT 2550 - Mathematics: A Cultural Perspective **3 cr**
- MAT 3250 - Applied Statistics **3 cr**

- MAT 4140 - Geometry 3 cr
- MAT 4710 - Topics in Mathematics 1-3 cr (may be repeated)

Total: 12 cr

Total credits required: 51 cr

Mathematics (Secondary Education) (BA.MAT.SED)

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 3310 - Differential Equations 3 cr
- MAT 3410 - Foundations of Mathematics 3 cr
- MAT 3820 - Mathematics Tutorship 1-3 cr (3 cr required)
- MAT 3035 - Teaching Secondary Mathematics 3 cr
- MAT 4130 - Abstract Algebra 3 cr
- MAT 4140 - Geometry 3 cr
- MAT 4720 - Senior Seminar 1-3 cr (3 cr required)

and at least 1 of the following courses:

- MAT 2550 - Mathematics: A Cultural Perspective 3 cr
- MAT 4710 - Topics in Mathematics 1-3 cr
- MAT 4035 - Teaching Secondary Mathematics II 3 cr

Credits required: 45 cr

and complete all Education Department requirements for Secondary Education.

Note:

To be accepted into the BA.MAT.SED program, students must obtain a positive letter of recommendation from a faculty member; receive approval from the Mathematics Department chair; select an academic advisor in the Mathematics Department.

Mathematics (Statistics) (BA.MAT.STA)

Complete the following courses:

- CIS 2031 - C# Programming I 3 cr
- 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 3250 - Applied Statistics 3 cr
- MAT 3410 - Foundations of Mathematics 3 cr
- MAT 4010 - Design of Experiments 3 cr
- MAT 4020 - Applied Linear Regression 3 cr
- MAT 4720 - Senior Seminar 1-3 cr (3 cr required)

and four courses selected from the following:

- MAT 3310 - Differential Equations 3 cr
- MAT 4110 - Advanced Calculus 3 cr
- MAT 4140 - Geometry 3 cr
- BUS 4030 - Marketing Research 3 cr
- BUS 4110 - Operations Management 3 cr
- BUS 4130 - Quantitative Business Decisions 3 cr

Total: 12 cr

Total credits required: 51 cr

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.

NOTE: Those students wishing to have education as the second discipline should opt for BA.MAT.SED OR BA.MAT.EED since all Education Department requirements for Elementary Education and Secondary Education must be satisfied for a teaching degree.

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.

Educational objectives:

1. Students will demonstrate knowledge of appropriate content in the areas of English Language Arts, particularly the conventions of written English and the dimensions of quality writing and types of writing, as well as a wide variety of quality, age-appropriate literature across genres, and strategies for textual analysis. Furthermore, students will practice appropriate pedagogy for teaching writing as well as textual analysis of literature.
2. Students will demonstrate knowledge of essential numeracy concepts and their development, as well as content in the areas of number and operations; algebra and functions; geometry in the areas of numbers and operations, geometry and measurement; and data analysis, statistics, and probability.
3. Students will demonstrate knowledge of historical and social science content, concepts, and skills in the areas of historical thinking; history; cultural geography; diversity, unity, identity, and interdependence; and citizenship as delineated in current national professional standards.
4. Students will demonstrate knowledge of scientific content, concepts and skills in the areas of development of students' scientific inquiry process; life sciences; physical sciences; Earth, environmental, and atmospheric sciences
5. Students will demonstrate content knowledge in depth for one of four liberal arts content areas.

The MDS major is overseen by the Faculty Assembly Committee on Teacher Education.

Students hoping to become licensed as elementary teachers must also complete the courses listed under the elementary licensure requirements section of this catalog here 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:

- ENG 2010 - Expository and Argumentative Writing 3 cr

and complete three of the following courses:

- ENG 1310 - Introduction to Literature (L) 3 cr
- ENG 2411 - Nineteenth Century Children's Literature (L) 3 cr
- ENG 2412 - Twentieth Century Children's Literature (L) 3 cr
- ENG 3620 - Overview Of Children's Literature (L) 3 cr
- ENG 3630 - Poetry for Children (L) 3 cr
- ENG 3640 - Images of the Child in Literature (L) 3 cr
- ENG 3650 - Art of Children's Book Illustration (L) 3 cr
- ENG 3660 - Folk Tales (L) 3 cr
- ENG 3690 - The English Language: Grammar 3 cr
- ENG 3720 - Special Topics In Children's Literature (L) 3 cr

Total English credits: 12 cr

Mathematics Requirements:

Complete the following two mathematics courses:

- MAT 3020 - Mathematics for Elementary Teachers 4 cr
- MAT 4210 - Teachers as Researchers 2 cr

and two of the following courses:

- MAT 1531 - Calculus I 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr
- MAT 2550 - Mathematics: A Cultural Perspective 3 cr

Total mathematics credits: 12 cr

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

Complete the following courses:

- HIS 1111 - World History I 3 cr
- HIS 1210 - Survey of U.S. History 3 cr

And complete one of the following:

- GEO 1060 - Fundamentals of Geography 3 cr
- GEO 2020 - World Regional Geography 3 cr

And complete one of the following:

- POS 1010 - Introduction to Political Science 3 cr
- POS 1020 - American Politics and Government 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Total HGEP credits: 12 cr

Science Requirements:

Complete 16 credits from the courses listed below.

At least 7 of the 16 credits must be chosen from the list of Life Science courses.

and at least 7 of the 16 credits must be chosen from the list of Physical Science courses.

Life Science

- AHS 1010 - Contemporary Health Issues 3 cr
- BIO 1010 - Human Biology and Laboratory 4 cr
- BIO 1310 - Explorations in Biology 1 cr
- BIO 1141 - Ecology and Evolution 4 cr
- BIO 1160 - Flora of Vermont 3 cr
- BIO 1270 - Horticulture of Medicinal Plants 3 cr
- BIO 1320 - Tropical Diversity 4 cr
- BIO 2140 - Botany 3 cr
- BIO 2310 - Animal Diversity 4 cr

Physical Science

- CHE 1311 - Chemistry in the Classroom **3 cr ***
- CHE 1312 - Chemistry in the Classroom Activities **1 cr ***
- GEO 2220 - Weather and Climate **3 cr**
- GEY 1030 - Dynamic Earth **4 cr**
- GEY 1040 - Environmental Geology **4 cr**
- GEY 1050 - The Earth through Time **4 cr**
- PHY 1110 - Introduction to Astronomy **3 cr**
- PHY 1140 - Astronomy: Exploring the Universe **4 cr**
- PHY 1150 - Physics for Elementary Teachers **4 cr ***

Notes:

1. Courses in bold may be used towards completing the General Education Scientific and Mathematical Understanding Frame of Reference requirements.
2. Students seeking Elementary Licensure must select one pedagogy lab. These courses are indicated with asterisks (*).

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. Specifics for Science and HGEP are described below. **12 cr**

Total credits required: 64 cr

Concentration in Science:

Students must complete 12 additional credits in science chosen from the Life Science and Physical Science lists above.

Concentration in HGEP:

Students wishing to concentrate in HGEP are required to submit a signed contract to the Registrar by the end of their sophomore year. This contract must be approved by both the student's HGEP advisor and the chair of the HGEP Department.

Complete:

- HIS 2070 - Vermont History **3 cr**

And complete one of the following:

- ECO 1010 - Economics and Society **3 cr**
- ECO 1040 - Global Economic Issues **3 cr**

Electives:

And complete two elective courses at the 3000 level or above in History, Geography, Economics or Political Science. The two courses must be in different disciplines. (HIS 2335 - Asia through Food and Film, may be substituted for one 3000-level class.) (6 cr)

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 3 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 - Chorus: Collegiate Chorale 0-1 cr (1 credit each semester)
- MUS 1220 - Wind Ensemble 0-1 cr (1 credit each semester)
- MUS 1230 - Jazz Ensemble 0-1 cr (guitar, bass, piano, 1 credit each semester)
- Or an equivalent experience approved by the department *a priori*.

Total credits required: 56 cr

Philosophy (BA.PHI)

The major in philosophy requires 36 credits or 12 courses to include the two-course History of Philosophy (PHI 3011 and PHI 3012) sequence and either the PHI 4510 - Seminar in Philosophy or PHI 4620 - Senior Thesis in Philosophy.

Required Courses:

- PHI 3011 - History of Philosophy I 3 cr

- PHI 3012 - History of Philosophy II **3 cr**
- PHI 4510 - Seminar in Philosophy **3 cr**
- PHI 4620 - Senior Thesis in Philosophy **3 cr**
- Nine additional PHI courses **27 cr**

Total credits required: 36 cr

Political Science (BA.POS)

Upon completion of the Political Science major, students will be able to demonstrate knowledge and understanding of:

1. The basic analytical concepts and theories of the discipline of Political Science.
2. The institutions of American politics and government and how they function.
3. American political culture and political behavior.
4. The political systems of other nations, including their political institutions, processes, culture, and behavior.
5. Global politics, international institutions, and global issues.
6. Political philosophies, theories, and ideologies and their significance to political life.
7. The skills and methodologies appropriate for research in Political Science.

Required Courses:

All majors must complete a minimum of 48 credits: 39 credits in Political Science and 9 credits from related disciplines. The 39 credits in Political Science must include:

- POS 1010 - Introduction to Political Science **3 cr**
- POS 1020 - American Politics and Government **3 cr**
- POS 1030 - Comparative Politics and Government **3 cr**
- POS 2040 - International Relations **3 cr**
- POS 3221 - Political Philosophy I **3 cr**
- POS 3222 - Political Philosophy II **3 cr**
- POS 3420 - Congress and The Presidency **3 cr**
- POS 3510 - Research Methods **3 cr**
- POS 4610 - Senior Seminar in Political Science **3 cr**
- plus four additional Political Science courses **12 cr**
- and 9 credits in the related disciplines of Economics, Environmental Studies, Geography, Global Studies and/or History **9 cr**

Total credits required: 48 cr

Psychology (BA.PSY)

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology **3 cr**

- PSY 1050 - Human Growth and Development 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
- PSY 3410 - Biopsychology 3 cr
- and complete one 4000-level course or seminar 3 cr
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. 6 cr

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Psychology Honors (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 GPA of 3.0 or better in Psychology and in all overall course work.
- Recommendation by at least two faculty members in the Psychology Department.
- 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.

Bachelor of Arts in Psychology

All majors must complete the following courses:

- PSY 1010 - Introduction to Psychology 3 cr
- PSY 1050 - Human Growth and Development 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
- PSY 3410 - Biopsychology 3 cr
- and complete one 4000-level course or seminar 3 cr
- and complete either one of the concentrations in psychology or complete a minimum of two psychology electives. 6 cr

Total credits required: 40 cr

The following general education courses are strongly recommended:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr

Complete the requirements for the Psychology major listed above, and complete the following courses:

- MAT 2021 - Statistics I 3 cr
- MAT 2022 - Statistics II 3 cr
- PSY 4320 - Advanced Research 3 cr
- PSY 4920 - Honors Thesis 3 cr

Note:

A minor in Statistics is strongly recommended.

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.

Social Science Major by Contract (BA.SSC.SOC)

This major is for students who want to design a program of study that comprises two academic disciplines, one of which must be Sociology. The contract is designed and signed by the student, a Sociology faculty sponsor, and a faculty sponsor from another complementary discipline. Among the complementary disciplines that a student may choose from are Economics, Geography, History, Politics, Psychology, Women's and Gender Studies, or another appropriate academic discipline chosen by the student in consultation with the student's faculty advisor. The program must include at least 30 credits, with at least 18 credits at the upper level. Credits in the major should be balanced between the two selected 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 and signed 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. In addition to the major, students will also be required to complete 12 credits in related work chosen in consultation with the faculty advisor, or a minor of 18-24 credits in a third social science or another appropriate academic discipline. A second major may be substituted for the related work or minor. Approval of the sponsoring department chair is required.

Social Studies (BA.SST)

The major in Social Studies provides students with a strong foundation in teaching secondary Social Studies, enabling them to implement state and national educational standards.

Upon completion of the Social Studies major, students will be able to:

1. Demonstrate a broad store of knowledge of history, geography, economics, politics, and related social sciences.
2. Describe, analyze and explain economic, political, cultural, social and physical systems in the context of time and space.
3. Demonstrate the ability to conduct and present both orally and in writing quality research so as to participate actively in—and foster—the ongoing construction of knowledge.
4. Apply knowledge of Social Studies creatively in order to instill in their own students a love of learning and a critical awareness of the significance of Social Studies for human well-being.

Complete the following core courses:

- ECO 1010 - Economics and Society 3 cr
- GEO 2020 - World Regional Geography 3 cr
- GEO 2150 - Cultural Geography 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 4601 - History Research Seminar 3 cr
- HIS 4602 - History Thesis Seminar 3 cr
- POS 1020 - American Politics and Government 3 cr
- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- SOC 1010 - Introduction to Sociology 3 cr

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
- POS 3260 - Middle Eastern Politics and Government 3 cr

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.

Students who plan to be secondary Social Studies teachers should take ECO 2250 - Economics for Social Studies Teachers as one of their social science elective courses.

Sociology (BA.SOC)

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.

Bachelor of Arts Degree in Sociology

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 - Capstone Seminar in Sociology 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.

Sociology Honors (BA.SOC.HON)

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.

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 - Capstone Seminar in Sociology 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

Sociology, Community Studies (BA.SOC.CMS)

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.

Concentration in Community Studies

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 - The 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 - Capstone Seminar in Sociology 3 cr
- SOC 4810 - Internship in Sociology 1-12 cr
- and complete 12 credits in related work to be approved by the coordinator.

Sociology, Criminology (BA.SOC.CRM)

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.

Concentration in Criminology

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.

Sociology, Cultural Anthropology (BA.SOC.CAN)

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.

Concentration in Cultural Anthropology

This concentration focuses on the rich diversity of human cultures through crosscultural 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 - Capstone Seminar in Sociology 3 cr
- and complete 12 credits in related work to be approved by the coordinator.

and three of the following seven courses:

- ANT 2210 - Anthropology and the Environment 3 cr
- ANT 2710 - Selected Topics in Anthropology 3 cr

- ANT 3210 - Anthropology of Food 3 cr
- ANT 4910 - Independent Study 3 cr
- SOC 3140 - Sociology of Popular Music 3 cr
- SOC 3160 - Anthropology of Religion 3 cr
- SOC 4910 - Independent Study 1-3 cr

Sociology, Power and Conflict (BA.SOC.PWC)

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.

Concentration in Power and Conflict

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 - Social Problems 3 cr
- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SOC 3220 - Social Movements of The 1960's 3 cr
- SOC 3910 - Research Methods 4 cr
- SOC 4020 - Sociological Theory 3 cr
- SOC 4720 - Capstone Seminar in Sociology 3 cr
- and complete 12 credits in related work to be approved by the coordinator.

and one of the following three courses:

- CRJ 3050 - Law and Society 3 cr
- SOC 2240 - The Changing Family 3 cr
- SOC 3120 - Sociology of Education 3 cr

and one of the following two courses:

- SOC 2170 - Gender Studies 3 cr
- WGS 1020 - Introduction to Women's And Gender Studies 3 cr

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 three courses:

- ECO 3220 - International Trade and Development 3 cr
- HIS 3210 - Social History of Latin America 3 cr
- HIS 3220 - Revolutions in Latin America 3 cr

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

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 (L) 3 cr
- FLL 1110 - Film and Lit: Hispanic, French and Italian 3 cr
- HIS 2410 - History and Culture of Latin America 3 cr

Study Abroad

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**

Total credits required: 45 cr

Theater Arts, Acting and Directing (BA.THA.AAD)

Bachelor of Arts Degree in Theater Arts

All majors must complete the following courses:

- THA 1001 - Stage Production I **1 cr**
- THA 1041 - Introduction to Theater Arts **3 cr**
- THA 1111 - Stagecraft I **3 cr**
- THA 2002 - Stage Production II **1 cr**
- THA 2011 - Survey of Theater History I **3 cr**
- THA 2012 - Survey of Theater History II **3 cr**
- THA 2050 - Introduction to Film Studies **3 cr**
- THA 2120 - Script Workshop I **3 cr**
- THA 2121 - Acting I **3 cr**
- THA 2140 - Introduction to Theatrical Design **3 cr**
- THA 3003 - Stage Production III **1 cr**
- THA 3211 - Directing I **3 cr**
- THA 3310 - Dramatic Theory and Criticism **3 cr**
- THA 4030 - Advanced Stage Production **1 cr**

and in the senior year

- THA 4720 - Senior Project in Theater **3 cr**

Total credits required: 39 cr

Concentration in Acting and Directing

Complete a minimum of 15 credits from the following:

- DAN 1040 - Introductory Dance Workshop **3 cr**
- THA 2122 - Acting II **3 cr**
- THA 3020 - Acting for the Camera **3 cr**
- THA 3030 - Children's Theater **3 cr**
- THA 3123 - Acting III **3 cr**
- THA 3124 - Acting IV **3 cr**

Total credits required: 15 cr

Additional Information

Students in this concentration must also complete a minor.

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 and Media Studies majors must complete all requirements for a declared major in the Education Department. No additional minor is required.

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.

Theater Arts, Technical Theater and Design (BA.THA.TTD)

Bachelor of Arts Degree in Theater Arts

All majors must complete the following courses:

- THA 1001 - Stage Production I 1 cr
- THA 1041 - Introduction to Theater Arts 3 cr
- THA 1111 - Stagecraft I 3 cr
- THA 2002 - Stage Production II 1 cr
- THA 2011 - Survey of Theater History I 3 cr
- THA 2012 - Survey of Theater History II 3 cr
- THA 2050 - Introduction to Film Studies 3 cr
- THA 2120 - Script Workshop I 3 cr
- THA 2121 - Acting I 3 cr
- THA 2140 - Introduction to Theatrical Design 3 cr
- THA 3003 - Stage Production III 1 cr
- THA 3211 - Directing I 3 cr
- THA 3310 - Dramatic Theory and Criticism 3 cr
- THA 4030 - Advanced Stage Production 1 cr

and in the senior year

- THA 4720 - Senior Project in Theater 3 cr

Total credits required: 39 cr

Concentration in Technical Theater and Design

Complete a minimum of 15 credits from the following:

- THA 2130 - Costume Design and Construction 3 cr
- THA 2510 - Scenic Painting 3 cr
- THA 3050 - Stage Makeup 3 cr
- THA 3120 - Lighting Design 3 cr
- THA 3331 - Scene Design 3 cr
- THA 4020 - Stage Management 3 cr
- THA 4332 - Advanced Design for the Theater 3 cr

Total credits required: 15 cr

Additional Information

Students in this concentration must also complete a minor.

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 and Media Studies majors must complete all requirements for a declared major in the Education Department. No additional minor is required.

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.

Women's and Gender Studies, Social Science Major-by-Contract (BA.SSC.WGS)

A major by contract in Social Science with a primary field in Women's and Gender Studies is offered in the History, Geography, Economics and Politics Department, and also in the Sociology, Social Work and Criminal Justice Department. (See History, Geography, Economics, and Politics Department and Sociology, Social Work, and Criminal Justice Department for program requirements.)

Bachelor of Music

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.

Required Courses:

- MUS 1090 - Foundations of Music Education 3 cr
- MUS 2060 - Introduction to Exceptional Populations in Music Education 3 cr
- MUS 2110 - Vocal Pedagogy 2 cr
- MUS 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
- MUS 3450 - Instructional/Music Application of Computers 3 cr
- MUS 4610 - Seminar in Teaching Music 1 cr
- MUS 4871 - Directed Student Teaching I 6 cr
- MUS 4872 - Directed Student Teaching II 6 cr
- MUS 1520 - Spartan Marching Band 0-1 cr (1 cr required)
- MUS 2115 - Jazz Pedagogy 2 cr

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

- MUS 2120 - String Instrument Teaching Methods 2 cr
- MUS 2130 - Woodwind Instrument Teaching Methods 2 cr
- MUS 2140 - Brass Instrument Teaching Methods 2 cr
- MUS 2240 - Percussion Instrument Teaching Methods 2 cr

and one of the following courses:

- PSY 1050 - Human Growth and Development 3 cr
- PSY 2110 - Educational Psychology 3 cr
- PSY 3265 - Child and Adolescent Development 3 cr

Total Credits Required: 102

To be accepted into Student Teaching, the student must:

- Achieve an overall GPA of 3.0; or written certification of intellectual competence by an academic dean.
- Have completed all Music and Music Education coursework or permission of the supervising music education faculty.
- Complete the Music Education Application to Student Teach form.
- 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).

- 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:

- Complete all college and departmental course requirements.
- Pass both ETS Praxis I and Praxis II examinations.
- Exemplify in conduct and attitude the maturity, judgment, ethical standards, and dedication expected in the teaching profession.
- Receive a grade of "B" or better in Student Teaching I, II, and Student Teaching Seminar.
- 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.

Bachelor of Science

Athletic Training (BS.ATR)

This program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), which allows students to take the Board of Certification (BOC) Examination. After successful completion of the BOC examination, an individual will hold the credential of a certified athletic trainer (ATC). Students should make formal application to the Athletic Training Education Program through the Director of Athletic Training Education during the spring semester of their freshman year. The selection criteria are posted on the Castleton State College Athletic Training (CSC AT) web site, and are also explained in AHS 1060 - Introduction to the Athletic Training Profession. 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 six semesters of clinical field experiences 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 Director of the ATEP must approve the transfer of athletic training content courses. The Transfer and Late Application Policy is available on the CSC AT web site. Students must meet minimum health and technical standard requirements to be eligible to participate in the Athletic Training Education Program (ATEP). The health and technical standards can be found in the Athletic Training Admission Packet, which is available on the CSC AT web site. In addition, once accepted into the ATEP, students must meet minimum academic and clinical retention requirements. These requirements are outlined in the Athletic Training Student Handbook which is distributed to students formally admitted into the program, and it is available in electronic form on the web site. The clinical field experience requires travel to off-campus sites that would necessitate the use of a vehicle and involve associated travel expenses.

Athletic Training Education Mission Statement

The mission of the CAATE- accredited Athletic Training Education Program at Castleton State College is to provide a comprehensive and progressive academic and clinical education experience for students. This experience at Castleton will prepare students to pass the Board of Certification (BOC) examination and achieve entry level employment in the field of Athletic Training. The Athletic Training Education Program (ATEP) will provide formal instruction and clinical training in the following content areas:

Evidence-Based Practice	Prevention and Health Promotion
Clinical Examination and Diagnosis	Acute Care of Injury and Illness
Therapeutic Interventions	Health Care Administration
Psychosocial Strategies and Referral	Professional Development and Responsibility

The ATEP accepts the overall mission of Castleton State College to provide the opportunity for intellectual and personal growth of students through excellence in teaching, close student-faculty interaction, numerous opportunities for out of classroom learning, and an active and supportive campus community. The ATEP strives to prepare students for meaningful careers, further academic pursuits, and productive citizenship.

Athletic Training Education Program Goals

1. Students will critically apply content knowledge to real world situations and tasks.
2. Students will demonstrate professional responsibility and ethical behavior relevant to the field of athletic training.
3. Students will demonstrate competency and clinical proficiency in the five domains of athletic training.
4. Students will secure appropriate employment in Athletic Training or a related field, or gain admission to a graduate program of study.
5. The ATEP will provide high quality didactic and clinical instruction and learning opportunities to the students.

Athletic Training Education Program Objectives

1. Students will demonstrate effective clinical application of athletic training skills learned in didactic coursework.
2. Students will demonstrate adherence to the core foundational behaviors and professional attributes of health care providers.
3. The annual 1st time pass rate for the BOC examination for Castleton students will be at least 10% above the national average.
4. Annual assessment of program graduates will reveal at least 90% of our graduates secure appropriate employment in AT or a related field, or gain admission to a graduate program of study.
5. The ATEP will continually assess didactic and clinical education instruction and opportunities.

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 the Lower Extremity 3 cr *
- AHS 2152 - Evaluation and Management of Injuries to the 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 2610 - Practicum in Athletic Training 2 cr
- AHS 2821 - Athletic Training Clinical I 2 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 3811 - Evaluation and Management of Injuries to the Head, Neck, and Trunk 2 cr *
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr *
- AHS 3822 - Athletic Training Clinical II 2 cr
- AHS 3823 - Athletic Training Clinical III 2 cr
- AHS 4160 - Ecg, Graded Exercise Testing and Prescription 4 cr
- AHS 4620 - Senior Seminar in Athletic Training 2 cr *
- AHS 4824 - Athletic Training Clinical IV 2 cr
- AHS 4825 - Athletic Training Clinical V 2 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 **3 cr**

Total credits required: 74 cr

Note:

*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 **3 cr**
- CHE 1031 - General Chemistry I **4 cr**
- PHY 1041 - Physics I **4 cr**

Biology (BS.BIO)

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

Complete the following courses:

- BIO 1141 - Ecology and Evolution **4 cr** (grade of C or higher required)
- BIO 2010 - Cell and Molecular Biology **4 cr** (grade of C or higher required)
- BIO 2125 - Fundamentals of Microbiology **4 cr**
- BIO 3060 - Ecology **4 cr** or
- BIO 3065 - Plant Ecology **4 cr**
- BIO 3070 - Genetics **3 cr**
- BIO 4030 - Evolution **4 cr**
- CHE 1031 - General Chemistry I **4 cr** (grade of C or higher required)
- CHE 1032 - General Chemistry II **4 cr** (grade of C or higher required)
- CHE 2111 - Organic Chemistry I **4 cr**
- CHE 2112 - Organic Chemistry II **4 cr**
- MAT 1531 - Calculus I **4 cr**
- PHY 2110 - Physics I **4 cr**
- PHY 2210 - Physics II **4 cr**

Total: 50 to 51 cr

Additional Information

Students must complete an additional 16 credits of BIO (not to include internships, independent studies, or teaching assistantships) at the 3000 level or higher.

Additionally, students are encouraged to discuss a research project, teaching assistantship or internship with their academic advisors.

Total credits required: 66-67 cr

Business Administration, Accounting (BS.BUS.ACC)

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. Internships can be available for qualified students. 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 are encouraged to use their selection of frames of reference courses and other free elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Free elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

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 computers 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 - Fundamentals of Financial Statement Analysis 3 cr
- ACC 3010 - Accounting for Management Decisions 3 cr
- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2030 - Case Studies in Business Administration 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 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 3 cr

Total credits required: 39 cr

It is strongly recommended that all students majoring in Business Administration complete either MAT 2021 - Statistics I and MAT 2022 - Statistics II or MAT 2021 - Statistics I and MAT 1531 - Calculus I for the scientific and mathematical frame of reference to be adequately prepared for upper level business study.

Concentration in Accounting

Students completing a Bachelor of Science in Business Administration with a concentration in Accounting are prepared to pursue careers as corporate, not-for-profit, or small business accountants or to continue their studies at the graduate level. With the addition of the Master of Science in Accounting degree, students are prepared for careers in public accounting and advancement in private accounting. A career as a professional accountant requires a commitment to lifelong learning as the profession is continually evolving. Therefore, pre-entry education should lay the base on which lifelong learning can be built. This base has three components: skills, knowledge, and professional orientation.

Castleton offers one year Master of Science degree for students seeking licensure as a certified public accountant or continued career advancement in either corporate, not-for-profit, or government organizations. Castleton's online graduate catalog contains a more thorough discussion of the degree including course descriptions. Requirements for initial CPA licensure vary by state; students desiring initial licensure in states other than Vermont should review the requirements of that state.

Students completing a Bachelor of Science in Business Administration with a concentration in Accounting will demonstrate technical competency and professional knowledge in accounting theory, auditing, and individual income taxation.

All Accounting concentration students must successfully complete the following courses:

- ACC 3211 - Corporate Financial Reporting I 3 cr
- ACC 3212 - Corporate Financial Reporting II 3 cr
- ACC 4213 - Corporate Financial Reporting III 3 cr
- ACC 4010 - Accounting Information Systems 3 cr
- ACC 4041 - Income Tax I 3 cr
- ACC 4041L - Individual Tax Preparation 1 cr
- ACC 4050 - Auditing and Assurance Services 3 cr

and one of the following two courses:

- BUS 4130 - Quantitative Business Decisions 3 cr
- BUS 4110 - Operations Management 3 cr

Total credits required: 22 cr

Business Administration, Management (BS.BUS.MGT)

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. Internships can be available for qualified students. 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 are encouraged to use their selection of frames of reference courses and other free elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Free elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

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 computers 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 - Fundamentals of Financial Statement Analysis 3 cr
- ACC 3010 - Accounting for Management Decisions 3 cr
- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2030 - Case Studies in Business Administration 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 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 3 cr

Total credits required: 39 cr

It is strongly recommended that all students majoring in Business Administration complete either MAT 2021 - Statistics I and MAT 2022 - Statistics II or MAT 2021 - Statistics I and MAT 1531 - Calculus I for the scientific and mathematical frame of reference to be adequately prepared for upper level business study.

Concentration in Management

Students completing a Bachelor of Science in Business Administration with a concentration in Management will demonstrate the ability to analyze a company's situation, identify key issues, synthesize the data, and make recommendations for implementing viable solutions.

All Management concentration students must successfully complete the following courses:

- 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 9 cr *

and one of the following two courses:

- BUS 3280 - Human Resources Management and Applications 3 cr
- BUS 3140 - Entrepreneurship and Small Business Management 3 cr

Note:

*Students may use any ACC, BUS, or CIS prefixed course at the 2000 –level or higher to satisfy the nine credits of electives. Only six credits of ACC, BUS, or CIS internship may be used to fulfill concentration electives.

Total credits required: 21 cr

Business Administration, Marketing (BS.BUS.MKT)

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. Internships can be available for qualified students. 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 are encouraged to use their selection of frames of reference courses and other free elective courses to broaden their experiences and exposure to other ways of thinking and to other disciplines. Free elective course work can be from any discipline and can be, but need not be, used to fulfill requirements for a minor.

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 computers 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 - Fundamentals of Financial Statement Analysis 3 cr
- ACC 3010 - Accounting for Management Decisions 3 cr
- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2030 - Case Studies in Business Administration 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 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 3 cr

Total credits required: 39 cr

It is strongly recommended that all students majoring in Business Administration complete either MAT 2021 - Statistics I and MAT 2022 - Statistics II or MAT 2021 - Statistics I and MAT 1531 - Calculus I for the scientific and mathematical frame of reference to be adequately prepared for upper level business study.

Concentration in Marketing

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 21st 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 demonstrate an understanding of the role of marketing and will possess the ability to develop, analyze, and evaluate strategic, tactical and operational marketing plans.

All Marketing concentration students must successfully complete the following courses:

- 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 9 cr*

Note:

*Students may use any ACC, BUS, or CIS prefixed course at the 2000 –level or higher to satisfy the nine credits of electives. Only six credits of ACC, BUS, or CIS internship may be used to fulfill concentration electives.

Total credits required: 21 cr

Communication, Concentration by Contract (BS.COM.CNT)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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**
- Plus 15 additional credits of COM courses **15 cr**

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media **3 cr**
- COM 2260 - Mass Media and Society **3 cr**

and in their senior year:

- COM 4510 - Communication Portfolio **3 cr**

and one of the following courses:

- COM 4720 - Seminar in Communication **3 cr**
- COM 4810 - Internship in Communication **1-12 cr**
- COM 4850 - Senior Project in Communication **3 cr**

Total Communication Credits: 33 cr

Concentration by Contract

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 above, concentrators by contract must complete 15 credits in contracted courses.

Total: 15 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Digital Media (BS.COM.DGM)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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
- Plus 15 additional credits of COM courses 15 cr

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2260 - Mass Media and Society 3 cr

and in their senior year:

- COM 4510 - Communication Portfolio 3 cr

and one of the following courses:

- COM 4720 - Seminar in Communication 3 cr
- COM 4810 - Internship in Communication 1-12 cr
- COM 4850 - Senior Project in Communication 3 cr

Total Communication Credits: 33 cr

Concentration in Digital Media

Complete the following:

- COM 2220 - WEB Content and Site Development 3 cr
- COM 3120 - Multimedia 3 cr
- COM 4010 - The Future of Communication 3 cr

Total: 9 cr

and two of the following courses:

- ART 3130 - Web Graphics and Animation 3 cr
- COM 2221 - Graphic Design I 3 cr or
- ART 2221 - Graphic Design I 3 cr
- COM 2222 - Graphic Design II 3 cr or
- ART 2222 - Graphic Design II 3 cr
- COM 2110 - Photojournalism 3 cr

Total: 6 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Journalism (BS.COM.JOU)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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**
- Plus 15 additional credits of COM courses **15 cr**

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media **3 cr**
- COM 2260 - Mass Media and Society **3 cr**

and in their senior year:

- COM 4510 - Communication Portfolio **3 cr**

and one of the following courses:

- COM 4720 - Seminar in Communication **3 cr**
- COM 4810 - Internship in Communication **1-12 cr**
- COM 4850 - Senior Project in Communication **3 cr**

Total Communication Credits: 33 cr

Concentration in Journalism

Complete the following:

- COM 2230 - News Gathering and Writing 3 cr
- COM 2270 - Newspaper Editing 3 cr
- COM 3010 - News Media Ethics and Law 3 cr
- COM 3060 - Feature Writing 3 cr
- COM 3780 - Special Topics in Journalism 3 cr

Total: 15 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Mass Media (BS.COM.MME)

Bachelor of Science in Communication

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

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

Graduates will also be able to:

- research and analyze material;
- write well;
- competently use chosen technological media;
- produce material of high quality in at least one medium;
- work collaboratively;
- make sound choices in the design and meaning of their messages and productions.

Finally, graduates will have:

- the ability to think independently and critically;
- the flexibility necessary to adapt to rapid changes in the field;
- 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
- Plus 15 additional credits of COM courses 15 cr

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 2260 - Mass Media and Society 3 cr

and in their senior year:

- COM 4510 - Communication Portfolio 3 cr

and one of the following courses:

- COM 4720 - Seminar in Communication 3 cr
- COM 4810 - Internship in Communication 1-12 cr
- COM 4850 - Senior Project in Communication 3 cr

Total Communication Credits: 33 cr

Concentration in Mass Media

Required Courses:

- COM 2050 - Introduction to Film Studies 3 cr
- COM 2212 - Video Workshop II: News and Feature Production 3 cr
- COM 2250 - History of Mass Media 3 cr

Total: 9 cr

and two of the following courses:

- COM 2170 - Radio Programming and Production 3 cr
- COM 2160 - International Communication 3 cr
- COM 3020 - Documentary Workshop 3 cr
- COM 3760 - Special Topics in Mass Media 3 cr
- COM 4020 - Screen Drama Workshop 3 cr

Total: 6 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Communication, Public Relations (BS.COM.PRL)

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 chosen technological media;
- d. produce material of high quality in at least one medium;
- 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**
- Plus 15 additional credits of COM courses **15 cr**

and one of the following courses:

- COM 2140 - Race, Gender and Sexuality in Mass Media **3 cr**
- COM 2260 - Mass Media and Society **3 cr**

and in their senior year:

- COM 4510 - Communication Portfolio **3 cr**

and one of the following courses:

- COM 4720 - Seminar in Communication **3 cr**
- COM 4810 - Internship in Communication **1-12 cr**
- COM 4850 - Senior Project in Communication **3 cr**

Total Communication Credits: 33 cr

Concentration in Public Relations

Complete the following:

- COM 2150 - Public Relations 3 cr
- COM 2212 - Video Workshop II: News and Feature Production 3 cr
- COM 2220 - WEB Content and Site Development 3 cr
- COM 2230 - News Gathering and Writing 3 cr

Total: 12 cr

and one of the following courses:

- COM 3750 - Special Topics in Public Relations 3 cr
- COM 3050 - Media, Social Activism and Political Action 3 cr

Total: 3 cr

Total credits in Communication major: 48 cr

Also complete a minor or related area of focused study

Complete an 18 or more credit minor or related area of focused study approved by the faculty advisor. The minor or area of focused study 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.

Computer Information Systems/Business (BS.CIS.BUS)

The purpose of the program is to prepare students for employment in the field of Information Systems. Students will have a broad-based business perspective, a solid foundation in critical thinking and analysis, the ability to design and create an information technology solution, and strong communication and team skills.

The required business courses help to prepare students to comprehend the concepts and language common to the business realm. This serves to enhance the student's understanding of the role that information systems play in the operations of all types of business organizations.

The programming component is designed to help students become proficient in computer programming in an Object-Oriented Programming environment. Students will be exposed to the key role that databases play in capturing, storage, processing, and reporting of information within an organization.

Students completing a Bachelor of Science in Computer Information Systems/Business will be proficient in:

- Analyzing information requirements and business processes in order to design, create, and modify system solutions to benefit the organization.
- Participating as team members in the planning, creation, and maintenance of an organization's technology infrastructure.
- Recognizing and using effective verbal and written communication skills.

All majors must complete the following Business Administration courses:

- ACC 2101 - Accounting I 3 cr
- ACC 2102 - Fundamentals of Financial Statement Analysis 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- BUS 2370 - Business Communications 3 cr
- BUS 3230 - Financial Management 3 cr
- BUS 3250 - Organizational Development and Behavior 3 cr

Total: 21 cr

and the following Programming courses:

- CIS 2011 - Visual Basic Programming 3 cr
- CIS 2031 - C# Programming I 3 cr
- CIS 2032 - C# Programming II 3 cr
- CIS 3022 - Advanced Visual Basic 3 cr
- CIS 3040 - Databases 3 cr
- CIS 3045 - Advanced Database Concepts 3 cr

Total required Programming credits: 18 cr

and the following Information Technology courses:

- CIS 3410 - Foundations of Information Systems 3 cr
- BUS 4220 - Networking 3 cr
- BUS 4530 - Technical Project Management 3 cr
- CIS 4120 - Systems Analysis and Design 3 cr
- CIS 4045 - Information Security Management 3 cr

and complete:

- BUS 4810 - Internship in Business 1-12 cr (3 cr required) or
- CIS 4810 - Internship 3 cr

Total credits required: 57 cr

Environmental Science (BS.ENV)

This program integrates several scientific disciplines to provide students with a strong framework from which to analyze environmental problems and develop effective, sustainable solutions. Students earning a BS in Environmental Science will pursue careers in government, industry and the non-profit sector. In addition, this program prepares students to enter graduate degree programs in related environmental science fields such as toxicology, environmental health, hydrology, systems ecology, plant ecology, conservation, and numerous other possible options.

Complete these courses:

- BIO 1141 - Ecology and Evolution **4 cr ***
- BIO 1142 - Cell and Molecular Biology **4 cr ***
- BIO 3060 - Ecology **4 cr**
- CHE 1031 - General Chemistry I **4 cr ***
- CHE 1032 - General Chemistry II **4 cr ***
- CHE 2111 - Organic Chemistry I **4 cr**
- CHE 2112 - Organic Chemistry II **4 cr**
- GEY 1030 - Dynamic Earth **4 cr**
- GEY 3110 - Hydrogeology **4 cr**
- MAT 1531 - Calculus I **4 cr**
- PHY 2110 - Physics I **4 cr**
- PHY 2210 - Physics II **4 cr**

Note:

* Indicates that a student must earn a grade of C or better in order to take additional courses in the major.

Total: 48 cr

and complete four of the following courses:

- BIO 3030 - Ecology of Water **3 cr**
- BIO 3065 - Plant Ecology **4 cr**
- BIO 3350 - Desert Ecology **4 cr**
- BIO 4250 - Ecotoxicology **3 cr**
- CHE 3020 - Analytical Chemistry **4 cr**
- CHE 3030 - Geochemistry **3 cr** or
- GEY 3030 - Geochemistry **3 cr**
- GEO 2210 - Introduction to Geographic Information Systems **3 cr** or
- SCI 2210 - Introduction to Geographic Information Systems **3 cr**

Total credits required: 60-62 cr

Additional Information

In addition to the above requirements, we strongly recommend that students initiate an internship or research project in environmental science. We also encourage students to consider the minor in Environmental Studies to enhance their breadth of knowledge of environmental issues.

The BS in Environmental Science may not be combined with any other major in the Natural Science Department; however, up to 12 credits may be applied to a minor in Biology, Chemistry, or Geology.

Exercise Science (BS.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.

Exercise Science Requirements:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- BIO 3151 - Physiology of Exercise 4 cr
- BIO 4152 - Pathophysiology and Clinical Exercise Physiology 3 cr
- CHE 1031 - General Chemistry I 4 cr
- CHE 1032 - General Chemistry II 4 cr
- AHS 2170 - Strength Training Principles 2 cr
- AHS 3120 - Kinesiology 3 cr
- AHS 4220 - Scientific Foundations of Strength and Conditioning 3 cr
- AHS 4260 - Nutrient Metabolism and Athletic Performance 3 cr
- AHS 4160 - Ecg, Graded Exercise Testing and Prescription 4 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 4910 - Senior Thesis 3 cr

and one of the following courses:

- AHS 4830 - Internship In Exercise Science 1-12 cr (3 cr required)
- AHS 4912 - Senior Research In Exercise Science 3 cr

Total: 47 cr

Specialization Electives (select 9 credits)

- AHS 1070 - Basic Athletic Training 3 cr
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr
- BIO 2125 - Fundamentals of Microbiology 4 cr
- BIO 3070 - Genetics 3 cr
- BIO 3240 - Advanced Human Physiology 3 cr
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 2112 - Organic Chemistry II 4 cr
- CHE 3011 - Biochemistry I 3 cr
- MAT 2021 - Statistics I 3 cr
- PED 2140 - Fitness Center Management 3 cr
- PED 2072 - Advanced Strength and Conditioning 1 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr
- PHY 2110 - Physics I 4 cr
- PHY 2210 - Physics II 4 cr
- PSY 1050 - Human Growth and Development 3 cr
- PSY 3130 - Health Psychology 3 cr

And complete two of the following courses (6-7 credits):

- BIO 3030 - Ecology of Water 3 cr
- BIO 4250 - Ecotoxicology 3 cr
- BIO 3350 - Desert Ecology 4 cr
- CHE 3020 - Analytical Chemistry 4 cr

- CHE 3030 - Geochemistry 3 cr or
- GEY 3030 - Geochemistry 3 cr

Total credits required: 58-59 cr

Additional Information

Admittance to and retention in the Exercise Science Program 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, BIO 2011, and BIO 2012

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, BIO 2011, and BIO 2012 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.

In addition to the above requirements, it is highly recommended that students initiate an internship or an independent research project in environmental science. We also recommend that students consider the minor in Environmental Studies to enhance the depth of their study of environmental issues. Up to 12 credits from the Environmental Science major may be applied to a minor in Biology, Geology, or Chemistry.

Geology (BS.GEY)

A comprehensive program in geology designed for preparation for graduate school, a career in geology, or secondary education.

Complete the following mathematics courses:

- MAT 2021 - Statistics I 3 cr
- MAT 1531 - Calculus I 4 cr

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 3 cr

Total credits required: 47 cr

Additional Information

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 3030 - Geochemistry 3 cr or
- GEY 3030 - Geochemistry 3 cr
- GEY 3110 - Hydrogeology 4 cr
- Summer field course-program approved by geology advisor.

Health Education (BS.HED/BS.HED.ESE)

The Physical Education Department offers the degree in Health Education with concentrations in elementary and secondary education with (BS.HED.ESE)* or without licensure (BS.HED). Courses within the department and field experiences in local schools and community organizations focus on the skill, knowledge, and understanding necessary to be successful in contemporary educational settings with or without licensure. The department is strongly committed to a standards-based approach with high expectations for students' effort, achievement, and behavior.

Students completing this program are expected to demonstrate skills, including, but not limited to:

1. The ability to organize, develop, implement, and evaluate a comprehensive health education program (pre K-12 curriculum) that includes the following Vermont health core concept areas: Alcohol, Tobacco, and Other Drugs; Family, Social, and Sexual Health; Mental and Emotional Health; Nutrition and Physical Activity; Personal Health and Wellness; and Violence and Injury Prevention.
2. The ability to develop and implement an assessment plan consistent with national and/or state standards.
3. The ability to develop accommodations for a health education program to meet the needs of all individuals. This includes an understanding of applicable laws, policies, and procedures.

Required Courses:

All majors in the Bachelor of Science in Health Education must complete the following courses:

- AHS 1010 - Contemporary Health Issues 3 cr
- AHS 2030 - Drug and Alcohol Curriculum 3 cr

- AHS 2150 - Designs for Fitness 3 cr
- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- EDU 2110 - Introduction to Exceptional Populations 3 cr
- HED 2310 - Health Education Methods 3 cr
- HED 3010 - Elementary Health Education Curriculum & Assessment 3 cr
- HED 3020 - Secondary Health Education Curriculum & Assessment 3 cr
- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 2370 - Community Health 3 cr
- PED 2420 - Foundations of Teaching Health and Physical Education 3 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr
- SWK 2020 - Family Violence 3 cr
- SWK 2030 - Human Sexuality 3 cr

and complete one of the following courses

- PSY 1050 - Human Growth and Development 3 cr
- PSY 2110 - Educational Psychology 3 cr
- PSY 3265 - Child and Adolescent Development 3 cr

and complete one of the following elective courses:

- PED 3060 - Women's Health Issues 3 cr
- PSY 3130 - Health Psychology 3 cr
- SOC 2230 - Death And Dying 3 cr
- WGS 2710 - Thinking Bodies or
- SOC 2710 - Selected Topics in Sociology 3 cr

Additional Information

In addition, students seeking licensure are responsible for developing a portfolio throughout their undergraduate experience demonstrating individual learning and growth as well as the ways in which the individual course work and field experiences foster proficiency in meeting the Vermont standards for teacher preparation. Integral field experiences insure that the student becomes part of a collaborative relationship in a school and/or community setting. Field experiences become more complex as students advance in the program, culminating in a semester-long student teaching experience. A minimum of 80 scheduled hours of field experience is required prior to student teaching.

Students seeking the BS.HED.ESE must pass through Gateways I and II in order to qualify for student teaching.

Requirements for Gateway I include:

- Receive a positive recommendation encouraging continuation in the program;
- Earn a cumulative GPA of 2.75;
- Earn a minimum within the major GPA of 2.75;

- Complete and submit a Declaration of Undergraduate Program (DUAP form);
- Make progress towards completion of the General Education Program;
- Submit electronic portfolio evidence completed in PED 2420 and HED 2310 (Health Educations Methods) that demonstrates progress in the student's understanding of an effective teaching and learning environment and evidence of a commitment to one's personal development as a future professional;
- Pass Praxis I or meet the alternative SAT score requirements.

Following completion of Gateway I, emphasis will be on completing their requirements of the health education major as well as honing pedagogical expertise in the field and classroom. Prospective teacher candidates will also continue to build their electronic portfolios documenting an understanding of the central connections between content and pedagogy.

Requirements for Gateway II include:

- Complete the department's application to student teach the semester before enrolling in student teaching;
- Pass the first portion of their electronic portfolio, which includes evidence indicated by the physical education department;
- Have completed all health education major and general education coursework or obtain permission from the Teacher Education Program Coordinator
- Earn a cumulative GPA of 3.0 and earn a GPA of 3.0 within the health education major or written certification of intellectual competence by an Academic Dean;
- Receive a recommendation from members of the faculty to continue in the teacher education program.
- Through related coursework, complete a minimum of 80 hours of supervised field experience;
- Pass the ETS Praxis II examination in Health Education content knowledge

Upon completion of Health Education Gateway II, students may be accepted into the student teaching practicum.

Teacher Licensure (preK-12):

To be recommended for licensure by the State of Vermont, a student must:

- Successfully complete and graduate from an approved program.
- Receive a grade of "B" or better in Student Teaching I and Student Teaching II and a "pass" in HED 4510 Seminar.
- Maintain a GPA of 3.0 and a B average (GPA of 3.0) in the field of major studies.
- Meet the required standard for the licensure portfolio.
- Exemplify in conduct and attitude the maturity, judgment, ethical standards, and dedication expected in the teaching profession.
- Pass the Praxis II examination in health education content knowledge. (requirement pending)

Pending approval by Vermont Department of Education.

Students wishing to work towards teacher licensure in preK-12 Health Education must apply and be accepted into Health Education Gateway II.

Required Courses:

- HED 4801 - Directed Student Teaching in Health Education I **6 cr**
- HED 4802 - Directed Student Teaching in Health Education II **6 cr**
- HED 4510 - Seminar in Teaching Health Education **1 cr**

Total health education credits required for BS.HED.ESE (teaching option):

72 cr

Dual Endorsement

Students seeking dual endorsement in preK-12 physical and health education in Vermont should substitute:

- HED 4811 - Elementary Health Education Practicum **1-2 cr**
- HED 4812 - Secondary Health Education Practicum **1-2 cr**
for
- HED 4801 - Directed Student Teaching in Health Education I **6 cr**
- HED 4802 - Directed Student Teaching in Health Education II **6 cr**
- HED 4510 - Seminar in Teaching Health Education **1 cr**

Health Science (BS.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 **3 cr**

Complete the following required science courses:

- AHS 2810 - Internship in Health Science **1-3 cr**
- 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 **4 cr**

Total: 25-27 cr

Complete at least 24 credits from the following courses:

At least 3 credits must be selected from each of the four areas.

A. Allied Health and Physical Education

- AHS 2151 - Evaluation and Management of Injuries to the Lower Extremity **3 cr**
- AHS 2157 - Rehabilitation of Orthopedic Injuries **3 cr**
- AHS 2160 - Anatomical Aspects of Sports Medicine **3 cr**
- AHS 3090 - Introduction to Alternative/Complementary Medicine **3 cr**

- AHS 3120 - Kinesiology 3 cr
- AHS 3150 - Physiology of Exercise 4 cr
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr
- AHS 4160 - Ecg, Graded Exercise Testing and Prescription 4 cr
- PED 4020 - Applied Nutrition and Weight Control 3 cr

B. Psychology

- 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 3265 - Child and Adolescent Development 3 cr
- PSY 3410 - Biopsychology 3 cr
- PSY 4050 - Nature and Nurture 3 cr

C. Science

- BIO 2125 - Fundamentals of Microbiology 4 cr
- BIO 3070 - Genetics 3 cr
- BIO 3210 - Developmental Biology 4 cr
- BIO 3240 - Advanced Human Physiology 3 cr
- BIO 4152 - Pathophysiology and Clinical Exercise Physiology 3 cr
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 2112 - Organic Chemistry II 4 cr
- CHE 3011 - Biochemistry I 3 cr

D. Contemporary Health Issues

- PED 2370 - Community Health 3 cr
- PED 3060 - Women's Health Issues 3 cr
- 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: 58-60 cr

Nursing RN to BS Completion (BS.NUR)

Students and RNs who already hold either an Associate in Science in Nursing or a Diploma degree may enroll in the RN to BS Completion Program. This program requires that students have an RN license in good standing in the State of Vermont. Full-time enrollment will result in a Bachelor of Science with a major in Nursing degree in two years. Part-time enrollment is also an option. Students will be required to complete the program in five years.

Prerequisites for this program of study include: BIO 2011 - Human Anatomy and Physiology I, BIO 2012 - Human Anatomy and Physiology II, and BIO 2125 - Fundamentals of Microbiology (or their equivalents) in addition to a Vermont RN license in good standing.

Note: All nursing and science courses must be passed with a grade of "C" or higher.

Required Courses:

- MAT 2021 - Statistics I 3 cr
- NUR 3010 - Health Promotion and Protection 3 cr
- NUR 3020 - Transition to Professional Nursing Practice 3 cr
- NUR 3030 - Health Assessment 3 cr *
- NUR 3040 - Pathophysiology 3 cr
- NUR 3050 - Pharmacology for Nurses 3 cr
- NUR 3510 - Nursing Research 3 cr
- NUR 4010 - Family Health Nursing 3 cr
- NUR 4020 - Principles of Patient Teaching and Learning 2 cr
- NUR 4030 - Management and Leadership in Nursing 3 cr *
- NUR 4510 - Community Health Nursing 6 cr *
- PHI 3020 - Medical Ethics 3 cr
- PSY 3070 - Abnormal Psychology 3 cr

Note:

*Requires clinical study outside the classroom

and complete two of the following courses:

- BIO 1030 - Introduction of Nutrition (See Community College of Vermont course listings)
- PSY 1050 - Human Growth and Development 3 cr
- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SOC 2230 - Death And Dying 3 cr
- SWK 2130 - Introduction to the Study of Aging 3 cr

Estimated minimum general education credits required to complete a Bachelor's Degree: 12 cr

Minimum total credits required to obtain a BS in Nursing degree: 58 cr

Each candidate for the RN to BS Completion Program will be considered individually as a transfer student and must meet the Castleton State College Bachelor's Degree Requirements before graduation. For this reason, the time and number of credits required for program completion may vary.

All candidates licensed as a registered nurse will be awarded 34 credits toward their bachelor's degree.

Practice in Physical Education (BS.PPE/BS.PPE.ESE)

The Physical Education Department offers the degree in the practice of Physical Education with concentrations in elementary and secondary education (BS.PPE.ESE) or without licensure (BS.PPE). The department makes a strong commitment towards a standards-based approach to the development of beginning educators.

The Physical Education Department holds high expectations for their students' effort and behavior. As a result of this teacher educator program, students are expected to demonstrate a variety of goals, including, but not limited to;

1. The ability to organize, develop, implement, and evaluate a physical education program (Pre-K-12 curriculum, athletic programs, health fitness programs)
2. The recognition and incorporation of safety, risk management, and liability considerations in physical education programs.
3. The ability to develop and implement an assessment plan consistent with national and/or state standards.
4. The ability to develop accommodations for physical education program to meet the needs of all individuals. This includes an understanding of applicable laws, policies, and procedures.

In addition, each student choosing to become a teacher is responsible for developing a portfolio. The portfolio is constructed during all semesters of the undergraduate experience. The portfolio will demonstrate individual learning and growth as well as how the individual course work and field experiences work together to foster proficiency in meeting Vermont State regulations and standards for teacher preparation.

Courses within the department and at field experiences in local schools and community organizations focus on the skill, knowledge, and understanding necessary to be successful in contemporary educational settings. Field practical experiences are those in which the student becomes part of a collaborative relationship in a school and/or community setting. They are an integral part of the teacher education experience. The role of the student 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.

Physical Education Teacher Education students are introduced to theory and practice of physical education beginning in their first year of study within the teaching major. The electronic portfolio process will allow students to demonstrate and assess their process towards the goals of the physical education teacher education program.

Two beginning-level pedagogy courses, PED 2420 - Foundations of Teaching Health and Physical Education, and PED 2410 - Curriculum and Instruction in Physical Education incorporate the production of evidence indicated by the Level I Licensure Portfolio. Two intermediate level pedagogy courses, PED 3070 - Methods of Teaching Elementary Physical Education, and PED 3140 - Methods of Teaching Secondary Physical Education incorporate additional portfolio requirements.

Between the student's first year until the semester leading up to student teaching, gateways will be used to assess teacher candidate progress through the program. Upon successful completion of PED 2420 and PED 2410, students must satisfy the requirements of Physical Education Gateway I before proceeding with PED 3070 and PED 3140.

Requirements for Physical Education Gateway I include:

- Receive a positive recommendation encouraging continuation in the program;
- Earn a cumulative GPA of 2.75;
- Earn a minimum within the major GPA of 2.75;
- Complete a minimum of 14 credits of 2000 and/or 3000 level course work within the Physical Education core;
- Complete and submit a Declaration of Undergraduate Program (DUAP form);
- Make progress towards completion of the General Education Program;
- Submit electronic portfolio evidence completed in PED 2420 and PED 2410 that demonstrates progress in the student's understanding of an effective teaching and learning environment, and evidence of a commitment to one's personal development as a future professional;
- Pass Praxis I or meet the alternative requirements.

Following completion of Gateway I, the program's emphasis will be on completing the requirements of the physical education major as well as honing pedagogical expertise in the field as well as the classroom. The Methods of Elementary Physical Education and the Methods of Secondary Physical Education courses will provide students with the opportunity to gain

additional learning experiences using field-based inquiry, reflection, and analysis. Prospective teacher candidate will also continue to build their electronic portfolios by providing evidence that documents their understanding of the central connections between content and pedagogy.

Upon completion of Physical Education Gateway II, students may be accepted into the student teaching practicum. These Gateway II benchmarks are as follows;

- Complete the department's application to student teach the semester before enrolling in student teaching;
- Pass the first portion of their electronic portfolio, which includes evidence indicated by the physical education department;
- Have completed all physical education major and general education coursework; or, obtain permission from the Teacher Education Program Coordinator.
- Earn a cumulative GPA of 3.0 and earn a GPA of 3.0 within the physical education major; or written certification of intellectual competence by an academic dean;
- Receive a recommendation from members of the faculty to continue in the teacher education program.
- Through related coursework, complete a minimum of 80 hours of supervise field experience.
- Pass any additional teaching motor skills competency tests as required by the Physical Education Department.
- Pass the ETS Praxis I;
- Pass the ETS Praxis II Physical Education content exam; if the student does not pass 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 content area. This plan must be approved by the physical education program coordinator.

Physical Education core

All majors in the Bachelor of Science in Practice in Physical Education must complete the Physical Education core. The sequence of courses is suggested below.

- PED 1015 - Introduction to Health and Physical Education **3 cr**
- AHS 1070 - Basic Athletic Training **3 cr**
- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- PED 2420 - Foundations of Teaching Health and Physical Education **3 cr**
- PED 2320 - Motor Learning **3 cr**
- AHS 2150 - Designs for Fitness **3 cr**

- PSY 2110 - Educational Psychology **3 cr** or
- PSY 1050 - Human Growth and Development **3 cr** or
- PSY 3265 - Child and Adolescent Development **3 cr**

- DAN 2020 - Rhythms And Dance **2 cr**
- OER 1211 - Adventure Education – Low Elements **2 cr**
- PED 1170 - Jogging **1 cr**
- PED 2120 - Psycho-Social Aspects of Physical Activity **3 cr**
- PED 2260 - Gymnastics/Stunts and Tumbling **1 cr**
- PED 2020 - Teaching Games and Movement **1 cr** *
- PED 2410 - Curriculum and Instruction in Physical Education **3 cr** *
- AHS 3120 - Kinesiology **3 cr** *
- AHS 3150 - Physiology of Exercise **4 cr** *
- PED 3320 - Teaching Team and Individual Motor Skills **3 cr**

- PED 3110 - Adapted Physical Education **3 cr ***
- PED 4030 - Organization and Administration of Physical Education and Athletics **3 cr**

Credits required: 54 cr

Note:

*indicates prerequisite course required.

Physical Activity

In addition, all majors in the Bachelor of Science in Practice in Physical Education must complete five physical activity content courses, including two “team sport” courses, and, three “lifetime pursuits” courses. At least one lifetime pursuit course must be from the racquet sports category. BS. PPE majors may choose the following coursework to fulfill this activity requirement:

Complete two of the following team sport courses:

- PED 1220 - Basketball **1 cr**
- PED 1230 - Softball **1 cr**
- PED 1240 - Soccer **1 cr**
- PED 1250 - Indoor Soccer **1 cr**
- PED 1290 - Lacrosse **1 cr**
- PED 1360 - Introduction to Ice Hockey **1 cr**
- PED 1710 - Field Hockey **1 cr**
- PED 2050 - Volleyball **1 cr**

Complete three of the following lifetime pursuits courses:

A minimum of one course must be from the racquet sports category:

- AHS 2170 - Strength Training Principles **2 cr**
- DAN 1050 - Aerobic Dance **1 cr**
- OER 1131 - Rock Climbing **1 cr**
- OER 1150 - Winter Recreation and Camping **2 cr**
- OER 1210 - Orienteering and Camping Skills **2 cr**
- OER 1230 - Introduction to Mountain Biking **1 cr**
- OER 1320 - Back Country Skiing and Snowboarding **1 cr**
- PED 1040 - Archery **1 cr**
- PED 1070 - Fitness Swimming **1 cr**
- PED 1140 - Yoga **1 cr**
- PED 1170 - Jogging **1 cr**
- PED 1180 - Golf **1 cr**
- PED 1270 - Martial Arts **1 cr**
- PED 2010 - Beginning Swimming **1 cr**

Racquet sport courses:

- PED 1160 - Tennis 1 cr
- PED 1210 - Badminton 1 cr
- PED 1280 - Pickleball 1 cr
- PED 2270 - Racquetball 1 cr

Total physical education credits required for B.S. PPE. (non teaching option): 59 cr

Other Requirements:

Prior to graduation, students must show competency in swimming, CPR, and first aid. First aid and CPR competency may be shown through participating in Red Cross programs and earning a CPR card or Advanced First Aid card. Swimming competency may be demonstrated through an Intermediate-level swimming instructor card, proper life-guarding credentials, and/or passing a Castleton State College-administered swim exam. Students may also elect to take the following courses to meet those requirements:

- PED 2010 - Beginning Swimming 1 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr

Teaching Option

Students wishing to work towards teacher licensure in K-12 Physical Education must apply and be accepted into Physical Education Gateway II, must apply and be accepted into the student teaching practicum, and, complete the PETE program requirements.

- PED 3070 - Methods of Teaching Elementary Physical Education 4 cr
- PED 3140 - Methods of Teaching Secondary Physical Education 4 cr
- PED 4871 - Directed Student Teaching In Physical Education I 6 cr
- PED 4872 - Directed Student Teaching in Physical Education II 6 cr
- PED 4720 - Seminar in Teaching Physical Education 1 cr

Total physical education credits required for B.S. PPE. ESE (teaching option): 80 cr

K-12 Teacher Licensure:

To be recommended for licensure by the State of Vermont, a student must:

- Successfully complete and graduate from an approved program.
- Receive a grade of "B" or better in Student Teaching I and Student Teaching II and a "pass" in PED 4720.
- Maintain a GPA of 3.0 and a B average (GPA of 3.0) in the field of major studies.
- Meet the required standard for the licensure portfolio.
- Exemplify in conduct and attitude the maturity, judgement, ethical standards, and dedication expected in the teaching profession.
- 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: 0091)

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-Based Information Systems, as well as having at least a 2.3 GPA overall and a successful interview to be admitted to the 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 PED 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 Sports 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
- ACC 2101 - Accounting I 3 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- PED 2470 - Seminar in Sports Administration 2 cr

- PED 2140 - Fitness Center Management 3 cr

- PED 3130 - Athletic Facility and Event Management 3 cr

- SOC 3150 - Sport And Society 3 cr
- PED 3160 - Legal and Ethical Principles in Sport 3 cr
- PED 3170 - Seminar in Sports Information Practices 3 cr
- PED 3210 - Sports Promotion 3 cr
- PED 4030 - Organization and Administration of Physical Education and Athletics 3 cr
- PED 4110 - Strategic Sport Management 3 cr

Total for core: 44 cr

And one of the following tracks

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)

- OER 1211 - Adventure Education – Low Elements 2 cr
- OER 1212 - Adventure Education – High Elements 2 cr
- OER 2060 - Advanced Wilderness First Aid 3 cr
- And one other OER 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 1211 - Video Workshop I 3 cr
- COM 2212 - Video Workshop II: News and Feature Production 3 cr
- COM 2210 - Broadcast Performance 3 cr

Sports Information Track (9 credits)

- COM 1040 - Media Writing 3 cr
- COM 2220 - WEB Content and Site Development 3 cr
- COM 2221 - Graphic Design I 3 cr

Total: 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 in a Global Context 3 cr

Total: 53-56 cr

- PED 4811 - Internship in Sports Administration 9-12 cr

Total credits required: 62-65 cr

Bachelor of Social Work

Social Work (BSW.SWK)

Mission Statement

Consistent with the mission of the College and EPAS (2008) requirements for the Council on Social Work Education, the Baccalaureate Social Work Program's mission is to prepare students to be competent and effective professionals for entry-level professional generalist practice. As one of two BSW programs in a small state and as part of the state college system, the Program will prepare many of Vermont's BSW level practitioners.

Students will acquire social work knowledge based on a body of knowledge, values and skills of the profession. They will be prepared and encouraged to provide leadership in the development of service delivery systems that promote human rights, and social and economic justice. Students will reflect the profession's core values of service, social justice, the dignity and worth of the person, the importance of human relationships, integrity, competence, human rights, and scientific inquiry.

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.

Competencies and Practice Behaviors

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.

Identify as a professional social worker and conduct oneself accordingly.

- a. Advocate for client access to the services of social work;
- b. Practice personal reflection and self-correction to assure continual professional development;
- c. Attend to professional roles and boundaries;
- d. Demonstrate professional demeanor in behavior, appearance, and communication;
- e. Engage in career-long learning; and
- f. Use supervision and consultation.

Apply social work ethical principles to guide professional practice

- a. Recognize and manage personal values in a way that allows professional values to guide practice;

- b. Make ethical decisions by applying standards of the National Association of Social Workers Code of Ethics² and, as applicable, of the International Federation of Social Workers/International Association of Schools of Social Work Ethics in Social Work, Statement of Principles³
- c. Tolerate ambiguity in resolving ethical conflicts; and
- d. Apply strategies of ethical reasoning to arrive at principles decisions.

Apply critical thinking to inform and communicate professional judgments

- a. Distinguish, appraise, and integrate multiple sources of knowledge, including research-based knowledge, and practice wisdom
- b. Analyze models of assessment, prevention, intervention, and evaluation; and
- c. Demonstrate effective oral and written communication in working with individuals, families, groups, organizations, communities, and colleges.

Engage diversity and difference in practice

- a. Recognize the extent to which a culture's structures and values may oppress, marginalize, alienate, or create or enhance privilege and power;
- b. Gain sufficient self-awareness to eliminate the influence of personal biases and values in working with diverse groups;
- c. Recognize and communicate their understanding of the importance of difference in shaping life experiences; and
- d. View themselves as learners and engage those with whom they work as informants.

Advance human rights and social and economic justice

- a. Understand the forms and mechanisms of oppression and discrimination;
- b. Advocate for human rights and social and economic justice; and
- c. Engage in practices that advance social and economic justice.

Engage in research-informed practice and practice-informed research

- a. Use practice experience to inform scientific inquiry and
- b. Use research evidence to inform practice.

Apply knowledge of human behavior and the social environment

- a. Utilize conceptual frameworks to guide the processes of assessment, intervention, and evaluation; and
- b. Critique and apply knowledge to understand person and environment.

Engage in policy practice to advance social and economic well-being and to deliver effective social work services

- a. Analyze, formulate, and advocate for policies that advance social well-being; and
- b. Collaborate with colleagues and clients for effective policy action.

Respond to contexts that shape practice

- a. Continuously discover, appraise, and attend to changing locales, populations, scientific and technological developments, and emerging societal trends to provide relevant services; and
- b. Provide leadership in promoting sustainable changes in service delivery and practice to improve the quality of social services.

Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Engagement: Social workers

- a. Substantively and affectively prepare for action with individuals, families, groups, organizations, and communities;
- b. Use empathy and other interpersonal skills; and
- c. Develop a mutually agreed-on focus of work and desired outcomes.

Assessment: Social workers

- a. Collect, organize, and interpret client data;

- b. Assess client strengths and limitations;
- c. Develop mutually agreed-on intervention goals and objectives; and
- d. Select appropriate intervention strategies.

Intervention: Social workers

- a. Initiate actions to achieve organizational goals;
- b. Implement prevention interventions that enhance client capacities;
- c. Help clients resolve problems;
- d. Negotiate, mediate, and advocate for clients; and
- e. Facilitate transitions and endings.

Evaluation: Social workers

- a. Social workers critically analyze, monitor, and evaluate interventions.

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 I, SWK 4020 - Social Work Practice II, and SWK 4811 - Field Experience 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.

All majors must complete the General Education requirements to include:

- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- MAT 2021 - Statistics I 3 cr
- PSY 1010 - Introduction to Psychology 3 cr
- SOC 1010 - Introduction to Sociology 3 cr

and either:

- BIO 1010 - Human Biology and Laboratory 4 cr

or both:

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human 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 3 cr or
- SSC 1010 - Introduction to the Study of Community 3 cr

- 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 - Early Field 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 I 3 cr
- SWK 3020 - History And Philosophy Of Social Work 3 cr
- SWK 4010 - Social Welfare Policies, Programs and Issues 3 cr
- SWK 4020 - Social Work Practice II 3 cr
- SWK 4030 - Social Work Practice III 3 cr
- SWK 4720 - Social Work Capstone 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 3 cr
- ECO 1010 - Economics and Society 3 cr
- PSY 2040 - Social Psychology 3 cr
- SOC 1030 - Social Problems 3 cr

Note:

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.

Dual Degree

Nursing (BS.NUR)

This is a four-year program designed for students who wish to pursue traditional baccalaureate education. In order to proceed to the fourth and final year of the program, students will be required to graduate at the end of the third year with an Associate in Science in Nursing, successfully complete the National Council Examination for Registered Nursing (NCLEX-RN), and achieve RN licensure in the State of Vermont.

Students matriculating into any nursing program are required to undergo a criminal background check after acceptance into the program and prior to enrollment. Final acceptance to the program is conditioned upon a satisfactory check. Additional checks and/or screenings may also be required by a specific clinical affiliation site. The cost of any background check will be paid by the student.

Students who complete the **Bachelor of Science** in Nursing program will:

- Integrate information from nursing and the liberal arts and sciences to make decisions in the delivery of quality care.
- Incorporate principles of effective communication using a variety of techniques to interact with and convey information to clients, peers, other health care providers, and communities of interest.
- Apply assessment skills to determine the health status and needs of the client to provide the basis for planning and implementing interventions and evaluating outcomes of care.
- Integrate ethical principles in the delivery of health services to clients.
- In the multidimensional role of the generalist, demonstrate competencies associated with professional nursing practice.

Specific Program Requirements:

All nursing and science courses must be passed with a grade of "C" or higher. To be considered for transfer, all sciences must have been completed within ten years before the enrollment date. Any science course more than ten years old must be repeated.

Required Courses:

- BIO 2011 - Human Anatomy and Physiology I **4 cr**
- BIO 2012 - Human Anatomy and Physiology II **4 cr**
- BIO 2125 - Fundamentals of Microbiology **4 cr**
- MAT 2021 - Statistics I **3 cr**
- NUR 1211 - Foundations of Nursing I **6 cr ***
- NUR 1212 - Foundations of Nursing II **7 cr ***
- NUR 2111 - Reproductive, Family, and Mental Health Nursing **10 cr ***
- NUR 2112 - Nursing of Adults with Acute and Chronic Disorders **10 cr ***
- NUR 2020 - Issues in Nursing **2 cr**
- NUR 3010 - Health Promotion and Protection **3 cr**
- NUR 3020 - Transition to Professional Nursing Practice **3 cr**
- NUR 3030 - Health Assessment **3 cr ***
- NUR 3040 - Pathophysiology **3 cr**
- NUR 3050 - Pharmacology for Nurses **3 cr**
- NUR 3510 - Nursing Research **3 cr**
- NUR 4010 - Family Health Nursing **3 cr**
- NUR 4020 - Principles of Patient Teaching and Learning **2 cr**
- NUR 4030 - Management and Leadership in Nursing **3 cr ***
- NUR 4510 - Community Health Nursing **6 cr ***
- PHI 3020 - Medical Ethics **3 cr**
- PSY 1010 - Introduction to Psychology **3 cr**
- PSY 3070 - Abnormal Psychology **3 cr**
- SOC 1010 - Introduction to Sociology **3 cr**

Note:

*Requires clinical study outside the classroom

and complete two of the following courses:

- BIO 1030 - Introduction to Nutrition (See Community College of Vermont course listings)
- PSY 1050 - Human Growth and Development **3 cr**
- SOC 2040 - Race, Ethnicity, Class and Gender **3 cr**
- SOC 2230 - Death And Dying **3 cr**
- SWK 2130 - Introduction to the Study of Aging **3 cr**

Total credits required: 98 cr

Additional Requirements:

Additional general education credits required to graduate from Castleton State College with a Bachelor of Science Degree:

Total general education requirements for a Bachelor's Degree: 42 cr

Less: General education requirements satisfied by required nursing major: -16 cr

Remaining General Education Requirements

26 cr

Total credits required to obtain a BS in Nursing degree: 125 cr

Total credits required to obtain a BS in Nursing degree: 125 cr

Cooperative Degree

Master of Business Administration Castleton/Clarkson Cooperative Degree 4 + 1 (MBA)

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 - Accounting for Management Decisions 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 3230 - Financial Management 3 cr
- BUS 4110 - Operations Management 3 cr
- ECO 2040 - Macroeconomics in a Global Context 3 cr
- ECO 2050 - Microeconomics in a Global Context 3 cr
- MAT 2021 - Statistics I 3 cr

and one of these courses:

- BUS 3131 - Business Law I 3 cr
- 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).

Note:

*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.

Occupational Therapy Castleton/Sage Graduate School Cooperative Degree 4 + 2 (MS-OPT)

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.

Students may choose from any of Castleton's baccalaureate programs, but we recommend that pre-OT students consider majoring in Psychology, Biology, Exercise Science, Health Science, or Athletic Training.

2. Pre-Occupational Therapy

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 2125 - Fundamentals 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

- SOC 1010 - Introduction to Sociology 3 cr or
- ANT 1010 - Introduction to Cultural Anthropology 3 cr

3. Attain an overall GPA of 3.00 or better.

4. Obtain a positive recommendation from Castleton's pre-health professional faculty.

Additional Information

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 June 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 occupational therapist
- OT admission interview, contact Theresa Hand at 518-244-2267 or handt@sage.edu
- Enrollment deposit of \$50 (non-refundable, to be applied toward graduate tuition.)

Physical Therapy Castleton/Sage Graduate School Cooperative Degree 4 + 3 (DPT)

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 granted preferred acceptance (based on space available) to the three-year clinical Doctor of Physical Therapy program (DPT) at Sage.

Specific program requirements:

1. Complete a baccalaureate degree program at Castleton.

Students may choose from any of Castleton's baccalaureate programs, but we recommend that pre-PT students consider majoring in Biology, Exercise Science, Health Science, or Athletic Training.

2. Prerequisite Courses.

Complete the following prerequisite courses with grades of C or better. (41 credits total)

- BIO 2011 - Human Anatomy and Physiology I 4 cr
- BIO 2012 - Human Anatomy and Physiology II 4 cr
- BIO 2125 - Fundamentals 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 3.25 or better

(in Human Anatomy and Physiology, Microbiology, Chemistry, and Physics.)

4. Attain an overall GPA of 3.25 or better.

5. Obtain a positive recommendation from Castleton's pre-health professional faculty.

Additional Information:

Castleton students who complete the above requirements will be eligible for:

- Preferred acceptance (based on space available) into Sage's DPT program,
- Waiver of Sage Graduate School application fee,
- Early acceptance (for students who submit applications through the PTCAS early decision process in the summer before their senior year),
- Advisement to coordinate undergraduate electives and coursework to address DPT program prerequisites, and
- Opportunity to apply early for graduate assistantships.

Students should apply for admission to Sage Graduate School through the Physical Therapy Centralized Application Service (www.ptcas.org), following the early decision procedures as posted on the PTCAS web site, prior to the start of the student's senior year at Castleton. The deadline for early application is typically in mid-August.

Interested students may contact Sage directly at sagept@sage.edu

Certificate

Global Studies Certificate (GLB)

The Certificate in Global Studies provides an opportunity for interested degree-seeking students to strengthen their understanding and engagement with our globally integrated world through coursework and globally oriented experiential learning.

Complete 12 credits to include the following:

- GLB 1010 - Introduction to Global Studies 3 cr

Complete three of the following

- ANT 1010 - Introduction to Cultural Anthropology 3 cr
- ECO 1040 - Global Economic Issues 3 cr
- GEO 2020 - World Regional Geography 3 cr
- HIS 1112 - World History II 3 cr
- POS 1030 - Comparative Politics and Government 3 cr

Additional Information

Complete 30 hours of community service with a global focus. Prior approval by the Global Studies Coordinator is required.

License

Elementary Education Licensure

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

- a. The multidisciplinary studies major, or
- b. A major in either literature, history, mathematics, or the sciences. Additionally, students who do not take the MDS major must complete MAT 3020 and one course in children's literature selected from the following courses: Nineteenth Century Children's Literature, Twentieth Century Children's Literature, Overview of Children's Literature, Poetry for Children, Images of the Child in Literature, Art of Children's Book Illustration, Folk Tales, or another appropriate children's literature course approved by the Education Department. 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.

Elementary Education Licensure with Special Education Endorsement

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

The Special Education Endorsement requires the following additional coursework. These courses can be woven through the eight semesters of undergraduate coursework and may require students to take an additional semester to finish.

Required Courses:

- EDU 2140 - Cognitive Differences and Emotional Challenges 3 cr
- EDU 3130 - Learning Differences and Attention Difficulties 3 cr
- EDU 3370 - Models of Assessment and Intervention in Special Education 4 cr
- EDU 3380 - Collaboration and Special Education Law 3 cr

Total credits required: 13 cr

Secondary Education Licensure

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

Minor

Adventure Recreation Minor (ADV)

Required Courses:

- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- OER 1150 - Winter Recreation and Camping 2 cr
- OER 1210 - Orienteering and Camping Skills 2 cr
- OER 2060 - Advanced Wilderness First Aid 3 cr
- OER 2170 - Primitive Survival Skill 2 cr
- OER 2222 - Theory of Outdoor Leadership 2 cr

Total: 17 cr

Select 3 credits: (all one credit courses unless noted)

- OER 1131 - Rock Climbing 1 cr
- OER 1170 - Ice Climbing 1 cr
- OER 1180 - Introduction to Telemark Skiing 1 cr
- OER 1133 - Rock Climbing and Rappelling 1 cr
- OER 1225 - Wilderness Canoe Tripping 1 cr
- OER 1230 - Introduction to Mountain Biking 1 cr
- OER 1240 - Fly Fishing 1 cr

- OER 1320 - Back Country Skiing and Snowboarding 1 cr
- OER 2310 - Winter Mountaineering 3 cr
- PED 1040 - Archery 1 cr
- PED 2350 - White Water Rafting 1 cr

Total credits required: 20 cr

Art History Minor (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 three 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.

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.

Business Administration Minor (BUA)

Available to non-Business majors only, the minor requires 18 total credits selected from Accounting and Business courses. To allow familiarity with the primary functions of business, students are required to complete an accounting course, a management course, and a marketing course. To provide more depth in an area of business, students select an additional 9 credits of courses in either accounting or business; 6 credits must be at the 3000-level or higher. It is suggested that the additional 9 credits be from a specific business function such as accounting, management, or marketing. Courses at the 1000-level are not eligible for inclusion in the minor.

Required Courses:

- ACC 2101 - Accounting I 3 cr
- BUS 2020 - Principles of Management 3 cr
- BUS 2230 - Principles of Marketing 3 cr
- Electives in Accounting or Business 9 cr *

Total credits required: 18 cr

Note:

*6 credits must be at the 3000-level or higher

Chemistry Minor (CHE)

A minor can be earned by completing at least 24 credits in Chemistry.

Students must complete the following courses:

- CHE 1031 - General Chemistry I 4 cr
- CHE 1032 - General Chemistry II 4 cr
- CHE 2111 - Organic Chemistry I 4 cr
- CHE 3020 - Analytical Chemistry 4 cr

In addition, students must complete 8 credits from the following list of courses:

- CHE 2112 - Organic Chemistry II 4 cr
- CHE 2510 - Chemistry Laboratory Teaching Assistant 1-2 cr
- CHE 2910 - Independent Study 1-3 cr
- CHE 3011 - Biochemistry I 3 cr
- CHE 3012 - Biochemistry I Laboratory 1 cr
- CHE 3030 - Geochemistry 3 cr
- GEY 2010 - Mineralogy 4 cr

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 2125 - Fundamentals of Microbiology, BIO 3070 - Genetics, CHE 3011 - Biochemistry I, CHE 3012 - Biochemistry I Laboratory and CHE 3020 - Analytical Chemistry.

Coaching Minor (COA)

Required Courses:

- AHS 1070 - Basic Athletic Training 3 cr
- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2120 - Psycho-Social Aspects of Physical Activity 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 2090 - Principles and Practices of Coaching 3 cr

Select two of the following courses

- PED 2180 - Coaching Soccer 3 cr
- PED 2190 - Principles of Coaching Ice Hockey 3 cr
- PED 2220 - Coaching Basketball 3 cr
- PED 2240 - Coaching Baseball 3 cr
- PED 2390 - Coaching Football 3 cr

Total credits required: 21 cr

Communication Minor (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.

Computer Information Systems Minor (CIS)

All minors must complete the following courses:

- BUS 1270 - Principles of Computer-Based Information Systems 3 cr
- CIS 2011 - Visual Basic Programming 3 cr
- CIS 3022 - Advanced Visual Basic 3 cr
- CIS 4120 - Systems Analysis and Design 3 cr

and two of the following courses:

- BUS 4220 - Networking 3 cr
- CIS 2031 - C# Programming I 3 cr
- CIS 2032 - C# Programming II 3 cr
- CIS 3040 - Databases 3 cr
- CIS 3045 - Advanced Database Concepts 3 cr

Total: 6 cr

Total credits required: 18 cr

Criminal Justice Minor (CRJ)

A minor in Criminal Justice can be earned by completing 18 credits as follows:

- CRJ 1010 - Introduction to Criminal Justice 3 cr

and complete two of the following courses:

- CRJ 2010 - Law Enforcement in America 3 cr
- CRJ 2020 - American Judicial Process 3 cr
- CRJ 2080 - Correctional Philosophies and Practices 3 cr

and complete an additional 9 credits in CRJ courses: 9 cr

Total credits required: 18 cr

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 1040 - Global Economic Issues 3 cr
- ECO 2040 - Macroeconomics in a Global Context 3 cr
- ECO 3220 - International Trade and Development 3 cr

and nine additional credits from the following:

- ECO 1030 - The Economics of Wealth and Poverty 3 cr
- ECO 2050 - Microeconomics in a Global Context 3 cr
- ECO 2120 - U.S. Economic History 3 cr
- ECO 2910 - Independent Study 1-3 cr
- ECO 3020 - Money, Banking, and the Financial Services Sector 3 cr
- ECO 3040 - Public Sector Choice and Finance
- ECO 3050 - Women in the Economy 3 cr
- ECO 3060 - Political Economy of the Environment 3 cr
- ECO 3210 - Great Ideas in Economics 3 cr
- ECO 3910 - Internship in Economics
- ECO 4910 - Independent Study 1-3 cr
- ENV 1210 - Environmental Harm and Mitigation Strategies 3 cr

Total credits required: 18 cr

Note:

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

English Minor (ENG)

Students can earn a minor in English by completing 18 credits of English courses beyond:

- ENG 1061 - English Composition 3 cr
- ENG 1070 - Effective Speaking 3 cr
- ENG 2260 - Touchstones of Western Literature (L) 3 cr

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
- POS 2310 - Environmental Politics 3 cr
- PHI 3160 - Environmental Ethics 3 cr
- ENV 3080 - Globalization and the Environment 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:

- ANT 2210 - Anthropology and the Environment 3 cr
- ECO 3060 - Political Economy of the Environment 3 cr
- ENV 2910 - Independent Study 1-3 cr
- ENV 3810 - Internship in Environmental Studies 1-12 cr
- ENV 4910 - Independent Study 1-3 cr
- GEY 1040 - Environmental Geology 4 cr
- HIS 3170 - Environmental History: The U.S. Conservation Movement 3 cr

Total: 9 cr

Total credits required: 18 cr

Film Studies Minor (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 2050 - Introduction to Film Studies/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 one of the following courses:

- THA 2120 - Script Workshop I 3 cr
- THA 4040 - Script Workshop II 3 cr

and a minimum of 6 credits from the following:

- ARH 1010 - Introduction to the History of Art 3 cr
- ARH 3052 - History of Twentieth Century Art 3 cr
- ART 2301 - Photography I 3 cr

- ART 2130 - Experimental Video 3 cr or
- COM 2130 - Experimental Video 3 cr

- COM 2140 - Race, Gender and Sexuality in Mass Media 3 cr
- COM 3020 - Documentary Workshop 3 cr *
- COM 4020 - Screen Drama Workshop 3 cr *
- ENG 3560 - American Drama (L) 3 cr
- ENG 3630 - Poetry for Children (L) 3 cr
- PHI 3060 - Aesthetics 3 cr
- SOC 3140 - Sociology of Popular Music 3 cr
- THA 2011 - Survey of Theater History I 3 cr
- THA 2120 - Script Workshop I 3 cr
- THA 3020 - Acting for the Camera 3 cr
- THA 3730 - Special Topics in Film 3 cr **
- THA 4040 - Script Workshop II 3 cr
- THA 4910 - Independent Study 1-3 cr

Total credits required: 18 cr

Note:

*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.

Film Studies Minor (FIL)

(See Theater program description.)

Fitness/Sport Science Minor (FIT)

Required Courses:

- AHS 2150 - Designs for Fitness 3 cr
- PED 1015 - Introduction to Health and Physical Education 3 cr

- PED 2140 - Fitness Center Management **3 cr**
- PED 2160 - Emergency Care and Personal Safety **3 cr**
- PED 4020 - Applied Nutrition and Weight Control **3 cr**
- PED 2070 - Conditioning **2 cr**
- PED 2210 - Physical Methods of Stress Management **1 cr**
- AHS 2170 - Strength Training Principles **2 cr**

Geography Minor (GEO)

The Geography minor is designed to introduce students to the description and analysis of the Earth. Because Geography utilizes tools and techniques found in the natural sciences, social sciences, arts, and humanities, it is a “unifying” discipline that, as a minor, complements many majors offered at Castleton State College.

Complete the following courses:

- GEO 1060 - Fundamentals of Geography **3 cr**
- Five additional GEO courses, at least one of which must be at the 3000-level or above **15 cr**

Total credits required: **18 cr**

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.

Global Studies Minor (GLB)

The Global Studies Minor enables students to complement their major by strengthening their understanding of and engagement with our globally integrated world.

Complete 18 credits to include the following:

- GLB 1010 - Introduction to Global Studies **3 cr**

Complete two of the following:

- ANT 1010 - Introduction to Cultural Anthropology **3 cr**
- ECO 1040 - Global Economic Issues **3 cr**
- GEO 2020 - World Regional Geography **3 cr**
- HIS 1112 - World History II **3 cr**
- POS 1030 - Comparative Politics and Government **3 cr**

Total: **6 cr**

Electives

Complete three courses above the 1000 level chosen from the courses listed for the GLB major. Electives must be selected from regions other than the United States. Prior approval by the Global Studies Coordinator is required.

Total: 9 cr

Health Minor (HLT)

Required Courses:

- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- HED 2310 - Health Education Methods 3 cr

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 and Weight Control 3 cr
- PED 4050 - Drug and Alcohol Curriculum 3 cr
- AHS 1010 - Contemporary Health Issues 3 cr
- AHS 2120 - Wellness for Life 3 cr
- AHS 3090 - Introduction to Alternative/Complementary Medicine 3 cr
- AHS 3813 - Pharmacology and General Medical Conditions 2 cr
- PSY 3130 - Health Psychology 3 cr
- SOC 2230 - Death And Dying 3 cr
- AHS 2030 - Drug and Alcohol Curriculum 3 cr

Total credits required: 21 cr

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:

- HIS 1111 - World History I 3 cr
- HIS 1112 - World History II 3 cr
- HIS 1210 - Survey of U.S. History 3 cr

Total: 6 cr

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.

Mathematics Minor (MAT)

Complete the following courses:

- MAT 1531 - Calculus I 4 cr
- MAT 2021 - Statistics I 3 cr 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

Total credits required: 20 cr

Music Minor (MUS)

A minor in Music may be earned by completing a minimum of 18 credits in Music 9 of which must be at the 2000 level or above, each with a grade of "C" or better, chosen in consultation with an advisor in the Music Department.

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*.

Philosophy Minor (PHI)

The Minor in Philosophy requires 18 credits in Philosophy courses, which may include POS 3221 - Political Philosophy I and POS 3222 - Political Philosophy II.

Physical Education Minor (PED)

Required Courses:

- PED 1015 - Introduction to Health and Physical Education 3 cr
- PED 2160 - Emergency Care and Personal Safety 3 cr
- PED 2410 - Curriculum and Instruction in Physical Education 3 cr
- PED 2420 - Foundations of Teaching Health and Physical Education 3 cr

and one of these courses:

- AHS 1010 - Contemporary Health Issues 3 cr
- PED 2370 - Community Health 3 cr
- HED 2310 - Health Education Methods 3 cr

and one of these courses:

- DAN 1050 - Aerobic Dance 1 cr
- DAN 2020 - Rhythms And Dance 2 cr

and complete these life activity requirements:

- Two team activity courses
- Two individual pursuit courses

Total: 4 cr

Total credits required: 21 cr

Political Science 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.

Psychology Minor (PSY)

Complete 21 credits in Psychology to include at least two 4000-level courses or seminars.

Sociology Minor (SOC)

A minor in Sociology can be earned by completing 18 credits in SOC and/or ANT courses.

Spanish Studies Minor (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.

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**
- MAT 1531 - Calculus I **4 cr**

and complete at least 6 credits from the following:

(or other courses approved by the Mathematics Department)

- BUS 4030 - Marketing Research **3 cr**
- BUS 4110 - Operations Management **3 cr**
- BUS 4130 - Quantitative Business Decisions **3 cr**
- CHE 2111 - Organic Chemistry I **4 cr**
- CHE 2112 - Organic Chemistry II **4 cr**
- MAT 4010 - Design of Experiments **3 cr**
- MAT 4020 - Applied Linear Regression **3 cr**
- PED 4920 - Senior Research Project **3 cr**
- PSY 3151 - Psychological Research I **4 cr**
- PSY 3152 - Psychological Research II **4 cr**
- SOC 3910 - Research Methods **4 cr**

Total credits required: 19 cr

Studio Art Minor (ART)

Required Courses:

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

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

Note:

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

Theater Arts Minor (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.

Theater Education Minor (TED)

Students seeking a teaching endorsement in Theater must complete the Literature major with a Concentration by Contract as well as the minor in Theater Education.

Required Courses:

All Theater Education minors must complete the following courses:

- THA 1001 - Stage Production I 1 cr
- THA 1041 - Introduction to Theater Arts 3 cr
- THA 1111 - Stagecraft I 3 cr
- THA 2002 - Stage Production II 1 cr
- THA 2121 - Acting I 3 cr
- THA 3003 - Stage Production III 1 cr
- THA 3030 - Children's Theater 3 cr

Total: 15 cr

and a minimum of 3 credits from the following:

- THA 2011 - Survey of Theater History I 3 cr
- THA 2012 - Survey of Theater History II 3 cr
- THA 2140 - Introduction to Theatrical Design 3 cr
- THA 3211 - Directing I 3 cr
- THA 4040 - Script Workshop II 3 cr

Total credits required: 18 cr

Women's and Gender Studies Minor (WGS)

Program Requirements:

Complete the following course:

- WGS 1020 - Introduction to Women's And Gender Studies 3 cr

and complete at least 15 credits from following list of courses:

- COM 2140 - Race, Gender and Sexuality 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
- HIS 2530 - Women in History 3 cr
- HIS 3035 - History of Women in the U.S. 3 cr
- HIS 3065 - History of the Nature–Nurture Debate 3 cr
- HIS 3475 - Women and Gender in African History 3 cr
- PED 3060 - Women's Health Issues 3 cr
- PSY 1050 - Human Growth and Development 3 cr
- PSY 3240 - Social Development 3 cr
- SOC 1030 - Social Problems 3 cr
- SOC 2040 - Race, Ethnicity, Class and Gender 3 cr
- SOC 2170 - Gender Studies 3 cr
- SOC 3610 - Seminar in Advocacy 3 cr
- SPA 3160 - Latin American Women Writers 3 cr
- SWK 2120 - Women's Issues 3 cr
- SWK 2020 - Family Violence 3 cr
- SWK 2030 - Human Sexuality 3 cr
- WGS 2910 - Independent Study 1-3 cr
- WGS 3910 - Independent Study 1-3 cr
- WGS 4810 - Field Experience in Women's And Gender Studies 3 cr
- WGS 4910 - Independent Study 1-3 cr

Total credits required: 18 cr

With prior approval of the Women's and Gender 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 and Gender Studies option indicated in the course description.

Writing Minor (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 - Business Communications 3 cr
- COM 3060 - Feature Writing 3 cr
- ENG 2010 - Expository and Argumentative Writing 3 cr
- ENG 2101 - Creative Writing 3 cr
- ENG 3060 - Technical and Professional Writing 3 cr
- ENG 3070 - Writing Non-Fiction 3 cr
- ENG 3750 - Special Topics in Writing 3 cr

- ENG 3690 - The English Language: Grammar 3 cr
- ENG 4040 - Advanced Creative Writing 3 cr
- THA 2120 - Script Workshop I 3 cr or
- COM 2120 - Script Workshop I 3 cr
- THA 4040 - Script Workshop II 3 cr or
- COM 4030 - Script Workshop II 3 cr

Course Descriptions

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

3 cr This course examines the use of accounting information to enhance decision-making and control of for-profit, not-for-profit, and governmental organizations. The major topics in this course include the use of accounting in making alternative choice decisions, the development and use of product cost information, as well as the creation of operating and capital budgets.

Prerequisite: ACC 2102.

Fee \$20

Every Semester

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.

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.

Accounting

Other relevant courses may be found under Business Administration or Computer Information Systems.

ACC 2101 - Accounting I

3 cr This course examines the role that accounting information plays in decision-making and the importance of income, cash flows, and financial position to organizations. Issues are 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 and public policy issues.

Basic computer skills in Microsoft Excel and Word are required.

Materials charge \$20.

Fall

ACC 2102 - Fundamentals of Financial Statement Analysis

3 cr Understanding how to obtain useful information from financial statements is essential in today's business environment in order to assess efficiency of operations and risk of investment. This course uses a three-pronged approach to introduce students to financial statement analysis by assessing: (1) the environment in which business operates (2) the business strategies utilized by the firm to compete within its industry, and (3) the accounting principles and policies utilized by the organization in the preparation of its financial statements. Students learn how to research an organization and its industry as well as the computation and interpretation of financial ratios. The premise of this course is that the student learns financial statement analysis most effectively by performing analysis on actual companies.

Competency in using Microsoft Excel and Word is required.

Prerequisite: ACC 2101.

Materials charge \$20.

Spring

ACC 3010 - Accounting for Management Decisions

3 cr This course examines the use of accounting information to enhance decision-making and control of for-profit, not-for-profit, and governmental organizations. The major topics in this course include the use of accounting in making alternative choice decisions, the development and use of product cost information, as well as the creation of operating and capital budgets.

Prerequisite: ACC 2102.

Fee \$20

Every Semester

ACC 3211 - Corporate Financial Reporting I

3 cr This is the first course in a three-course sequence that provides an in-depth study of generally accepted accounting principles (GAAP) necessary to prepare and comprehend corporate financial reports. The course focuses on the accounting cycle, the conceptual framework, and financial statement preparation. Students are required to perform accounting research, utilize Excel as a problem-solving tool, and utilize Word as a communication tool. U.S. GAAP is emphasized but international GAAP is also considered.

Prerequisite: ACC 2102.

Fall

ACC 3212 - Corporate Financial Reporting II

3 cr This is the second course in a three-course sequence that provides an in-depth study of generally accepted accounting principles (GAAP) necessary to prepare and comprehend corporate financial reports. This course focuses on recording and reporting issues involving assets, liability, and equity accounts. Students are required to perform accounting research, utilize Excel as a problem-solving tool, and utilize Word as a communication tool. U.S. GAAP is emphasized but international GAAP is also considered.

Prerequisite: ACC 3211.

Spring

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 3212.

Fall

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 3211

Co-requisite: ACC 4041L.

Materials charge \$20.

Spring

ACC 4041L - Individual Tax Preparation

1 cr This course is designed to provide students with real-world experience in income tax preparation. Students will be required to complete the Internal Revenue Service's VITA/TCE Curriculum and obtain IRS certification to participate in the Voluntary Income Tax Assistance or Tax Counseling for the Elderly. Students will volunteer for a minimum of thirty-three hours per semester (approximately three hours per week) at either a VITA or TCE site for period the site is open.

Prerequisite: ACC 4041 Concurrently.

Spring

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 4213 - Corporate Financial Reporting III

3 cr This is the third course in a three-course sequence that provides an in-depth study of generally accepted accounting principles (GAAP) necessary to prepare and comprehend corporate financial reports. This course focuses on recording and reporting issues involving leases, income taxes, investments, and compensation. Students are required to perform accounting research, utilize Excel as a problem-solving tool, and utilize Word as a communication tool. U.S. GAAP is emphasized but international GAAP is also considered.

Prerequisite: ACC 3212.

Fall

ACC 4810 - Internship in Accounting

1-12 cr Signed contract required at time of registration.

Anthropology

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.

Prerequisite: SOC 1010 - Introduction to Sociology, or ANT 1010 - Introduction to Cultural Anthropology, or by consent of the instructor.

Periodically

ANT 2710 - Selected Topics in Anthropology

3 cr Specialized study in Anthropology 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: ethnomusicology, indigenous Americans, culture area studies, archaeology, ethnography, and anthropology theory.

Prerequisite: ANT 1010.

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.

Lab Fee \$50.

Periodically

ANT 4910 - Independent Study

3 cr

Allied Health Sciences

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. Topics of discussion will include the history and structure of the National Athletic Trainers Association, requirements to sit for the Board of 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, 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 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.

Prerequisite: 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 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 2610 - Practicum in Athletic Training

2 cr This course will focus on the topics of selection and fitting of protective equipment, recognition and management of environmental injuries and illnesses, and psychosocial intervention and referral in athletics training. Students will also complete a

practical field experience in an athletic training clinical setting.

Prerequisite: Students must be formally accepted into the Athletic Training Education Program

Lab fee \$30.

Fall

AHS 2810 - Internship in Health Science

1-3 cr See Internships. Signed contract is required at time of registration.

BS.HLT majors only.

Every semester

AHS 2821 - Athletic Training Clinical I

2 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. These skills have been learned and practiced in prior coursework. 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 demonstrating proficiency in lower extremity evaluations and emergency care of the injured athlete. In addition, the student will complete a field experience assignment and participate in an on-line journal forum to meet the requirements of this course.

Prerequisite: AHS 2151 and 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.

Prerequisite: 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 (Cross listed with BIO 3151.)

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.

Prerequisite: BIO 2011 and BIO 2012.

Fee \$40.

Every semester

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: 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: AHS 3030 or AHS 2157, or permission of instructor.

Fall

AHS 3822 - Athletic Training Clinical II

2 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. These skills have been learned and practiced in prior coursework. 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 demonstrating proficiency in the comprehensive clinical examination and management of patients with upper extremity injuries. Based on assessments and data, the student will create and implement therapeutic interventions for upper extremity injuries. The student will also create comprehensive lower extremity rehabilitation programs in this course. In addition, the student will complete a field experience assignment and participate in an on-line journal forum to meet the requirements of this course.

Prerequisite: AHS 2152 and AHS 2157.

Fall

AHS 3823 - Athletic Training Clinical III

2 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. These skills have been learned and practiced in prior coursework. 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 demonstrating proficiency in therapeutic modalities and psycho-social aspects of physical activity. In addition, the student will complete a field experience assignment and participate in an on-line journal forum to meet the requirements of this course.

Prerequisite: AHS 3030 and PED 2120.

Spring

AHS 4160 - Ecg, Graded Exercise Testing and Prescription

4 cr This course is designed as a practical study of current fitness testing protocols which are used in clinical and fitness settings. Emphasis is placed on the preparation, administration, and evaluation of fitness assessment and exercise prescription based on the guidelines of the American College of Sports Medicine. The laboratory component includes experience in the measurement and analysis of blood pressure, body composition, blood lactate and hemoglobin, oxygen consumption, and resting/exercise electrocardiography.

Lecture and lab.

Restrictions: Athletic Training, Exercise Science, and Health Science Majors Only.

Prerequisite: AHS 3150

fee \$40

Spring

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.

Prerequisite: AHS 2170, AHS 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.

Prerequisite: AHS 3150, CHE 1031.

Spring

AHS 4620 - Senior Seminar in Athletic Training

2 cr This final culminating course will prepare senior students in the athletic training education program for the BOC examination. Resume writing, public speaking and other professional preparation activities will be included.

Prerequisite: Advanced standing in the Athletic Training Education Program.

Lab Fee \$30.

Fall

AHS 4824 - Athletic Training Clinical IV

2 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. These skills have been learned and practiced in prior coursework. 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 demonstrating proficiency in design, implementation, evaluation and modification of exercise and wellness programs. Proficiency in the evaluation and management of injuries to the head, neck and trunk will also be assessed. In addition, the student will complete a field experience assignment and participate in an on-line journal forum board to meet the requirements of this course.

Prerequisite: AHS 1010, AHS 2170, AHS 3811, and PED 4020, or permission of instructor.

Fall

AHS 4825 - Athletic Training Clinical V

2 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. These skills have been learned and practiced in prior coursework. 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 demonstrating proficiency in the use of standard protective equipment to prevent or minimize athletic injuries, evaluation and management of environmental illnesses, and recognition and treatment of common general medical conditions. During this clinical, the student will demonstrate proper utilization of patient files. In addition, the student will complete a field experience assignment and participate in an on-line journal discussion board to meet the requirements of this course.

Prerequisite: AHS 3140 and AHS 3813 or permission of instructor.

Fee \$30.

Spring

AHS 4830 - Internship In Exercise Science

1-12 cr See section on internships. Signed contract is required at time of registration.

AHS 4910 - Independent Study

1-3 cr Available by arrangement with a faculty member. A written proposal must be approved by the instructor and the department chair prior to registration.

Signed contract required at time of registration.

Prerequisite: Consent of instructor.

AHS 4912 - 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.

Arabic

ARA 1011 - Arabic I

3 cr This course is a basic introduction to all aspects of the Arabic language through a comprehensive and integrated method. The focus is on language proficiency in all areas of the language including speaking, reading, and writing. The course also introduces students to aspects of Arabic culture and everyday life in the Middle East.

Every semester

ARA 1012 - ARABIC II

3 cr This is a continuation of Arabic I. The emphasis is on speaking and writing for self-expression with continued study of the basic grammatical structures. Proficiency remains the focus through readings and conversations in the language. Students develop skill in the use of the Arabic dictionary.

Art History

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.

Every Semester

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.

Periodically

ARH 3070 - Art Since 1945

3 cr History of European and American painting and sculpture from 1945 to the present.

Periodically

Art

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 1230 - Introduction to Computing in the Arts and Humanities

3 cr (Also listed as COM 1230)

This course will provide a systematic introduction to the use of computing in the arts and humanities. Topics covered include use of the World Wide Web as a resource for research and content, illustration, design, website creation, image retouching and compositing, page layout, and publication. This course fulfills the general education computer requirement.

Lab fee: \$15.

Every semester

ART 2012 - Drawing II

3 cr A studio course emphasizing perceptual and conceptual processes in drawing. Analysis and composition based on observation of natural form, man-made form and the figure. Students may take a second semester for credit.

Prerequisite: ART 1011 or consent of instructor.

Studio fee \$20.

Every semester

ART 2040 - Typographic Design

3 cr Type and symbol and basic elements of expression in graphic design will be explored through drawing and with the use of computers. The history of type and structure of typographic form and expression will be considered. Projects may include grid systems, logos, identity systems, posters, and advertisements.

Prerequisite: ART 2221/COM 2221.

A studio fee may be required.

Periodically

ART 2130 - Experimental Video

3 cr (Also listed as COM 2130)

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 \$20.

Periodically

ART 2140 - Advertising Design

3 cr Type and image will be explored as vehicles for the expression of ideas and the promotion of products and services. An analysis of current advertising forms will be included. Traditional drawing media and computers will be employed.

Prerequisite: ART 2221/COM 2221.

A studio fee may be required.

Periodically

ART 2160 - Publication Design

3 cr Publication and print design addressing issues from the development of brochures and newsletters to magazine design. Assignments will include the development of logotypes, mastheads, cover and text layouts concerned with providing a unified editorial platform. Exercises will involve drawing as well as the use of computers.

Prerequisite: ART 2221/COM 2221.

A studio fee may be required.

Periodically

ART 2211 - Painting

3 cr Beginning strategies for painting in oils or acrylic. Emphasis is on process and investigation of various spatial structures in both representational and nonrepresentational modes. Material and historical concerns are integral parts of this directed investigation. Goals are the development of a formal vocabulary, visual sensitivity and manipulative skills. Recommended for non-majors.

A studio fee may be required.

Every semester

ART 2212 - Painting II

3 cr Theory and practice of painting. Studio experience, critiques and historical reference provide a visual and conceptual basis for further investigation in painting. Students may take a second semester for credit.

Prerequisite: ART 1030 or ART 2211 or consent of instructor.

Studio fee \$35.

Every semester

ART 2221 - Graphic Design I

3 cr (Also listed as COM 2221)

Principles of design, layout, typography and visual communication are addressed through creative projects using the computer as a design tool. Introduction to digital imaging, illustration and raster and vector imaging are included.

Prerequisite: ART 1230/COM 1230 or consent of the instructor.

Studio Fee \$20.

Every semester

ART 2222 - Graphic Design II

3 cr (also listed as COM 2222)

Visual communication, ideation and collaboration are emphasized in developing design concepts and solutions. Projects may include digital image manipulation and illustration techniques.

Prerequisite: ART 2221/COM 2221.

Studio fee \$20.

Spring

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 This course is designed for the intermediate student working in film-based black and white photography, digital photography, or both. Prior knowledge of the digital camera and Photoshop are assumed for students who wish to work digitally. Technical control and artistic expression are emphasized as students develop their visual perception and awareness of photographic possibilities. Topics covered may include digital scanning and printing, studio lighting, introduction to medium- and large-format cameras and introduction to alternative processes. A 35mm camera with adjustable aperture and shutter speed or a digital camera (preferably a DSLR) is required for the course. Film and paper are not covered by the lab fee.

Prerequisite: ART 2301 or consent of instructor.

Studio fee \$50.

Spring

ART 2311 - Printmaking I

3 cr An introduction to relief printing and intaglio 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 \$45.

Every semester

ART 2312 - Printmaking II

3 cr Relief, intaglio, monotype, and experimental processes may be explored. Drypoint, engraving, etching and aquatint may be addressed. Emphasis is on conception as well as technique.

Prerequisite: ART 2311 or consent of instructor.

Studio fee \$45.

Every semester

ART 2420 - Introduction to Art Education

3 cr This course provides students with an introduction to teaching art in K-12 school settings. Students will investigate individual and social development, curriculum planning, historical and theoretical issues in art education, as well as instructional

and assessment strategies relating to state and national standards. The class will include lecture, discussions, and hands-on activities in a variety of media.

Fall, odd years

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.

Signed contract required at time of registration.

Prerequisite: Consent of instructor.

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 \$35.

Every semester

ART 3130 - Web Graphics and Animation

3 cr Using industry standard software, students learn how to use graphics and animation effectively on the World Wide Web. Students apply graphics and animation techniques to any number of uses including informational, promotional, commercial, and

portfolio websites.

Fall

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 personal direction.

Prerequisite: Consent of instructor.

A studio fee may be required.

Every semester

ART 3303 - Photography III

3 cr The course emphasizes the development of theoretical and conceptual bases for long-range involvement in photography. Black and white analog or digital photographic processes may be employed.

Prerequisite: ART 2302 or consent of instructor.

Studio fee \$50.

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 \$45.

Every semester

ART 3412 - Contemporary Issues and Practice in Art Education

3 cr This course provides an analysis of current philosophies, theories, and practices in art and education at all levels of instruction. The course revolves around examining appropriate curriculum content, pedagogical approaches and human relations in diverse contemporary classrooms. The class will include lecture, discussions, and hands-on activities in a variety of media relating to state and national standards.

Fall, even years

ART 3810 - Internship in Art

1-12 cr The student assumes a position of responsibility in a professional context (graphic design agency, art museum or other related organization). The internship is designed to meet the needs of students and to connect work experience to academic coursework. It is directed by an on-site supervisor and a faculty member.

Signed contract required at the time of registration.

Prerequisite: Consent of instructor.

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.

Signed contract required at time of registration.

Prerequisite: Consent of instructor.

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 \$35.

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 \$50.

Every semester

ART 4304 - Photography IV

3 cr In this intensive investigation of photographic form, the student applies critical and technical skills as he or she defines a personal direction in his or her work. The course addresses historical issues and contemporary criticism. Included are master printing in black and white analog form, digital scanning and fine printing, the zone system, medium- and large-format cameras and experimental or alternative processes.

Prerequisite: ART 3303 or consent of instructor.

Studio fee \$50.

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 \$45.

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.

Signed contract required at time of registration.

Prerequisite: Consent of instructor.

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

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 and 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

Spring

BIO 1141 - Ecology and Evolution

4 cr This course provides science majors with the fundamentals of ecology and evolution. Students will study adaptations of plants and animals, interactions between species and their environment, as well as the mechanisms of change in the genetic (and, thus, morphological, physiological and behavioral) makeup of populations and species that occur over time. This course is

intended for science majors and minors only and will not satisfy the Scientific and Mathematical Understanding frame of reference. Lecture and Lab. Restrictions: Freshman or sophomore standing, or by permission of instructor.

Prerequisite: One year of high school biology and chemistry or one semester of college level biology.

Lab fee \$40.

Fall

BIO 1160 - Flora of Vermont

3 cr An inquiry-based field course devoted to the study of local natural history. We will explore the biology and taxonomy of plants, as well as investigate Vermont's ecological communities.

Field trips to off-campus locations and hikes on rugged terrain are required.

Materials fee \$40.

Periodically

BIO 1170 - Exploring Habitats through Art and Ecology

4 cr This course combines art and ecology in the exploration of a unique habitat by traveling and spending a week immersed in the study of plants, animals, and culture of a selected region. The habitat selected may change depending on the offering but may include coral reefs, rainforests, or deserts. Students become naturalists and explore the species and interactions within various ecosystems. By sketching and painting their observations, students develop a sense of the scientific complexities that create these beautiful ecosystems and express the marvels of nature through journals, artwork, and research projects. Students also foster their ability to observe, inquire, and learn in these natural surroundings.

Fees: Variable, approximately \$1,700.

Periodically

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 The tropics worldwide contain over two-thirds of the earth's organisms, but these ecosystems are some of the most imperiled on the planet. In this course students investigate the interdependence of all living things and the complexity of ecological patterns in tropical regions. In addition to class work, we explore the ecology, evolution, and natural history of a tropical location during a weeklong field trip. We examine how local conservation efforts affect the long-term sustainability of these regions and discover the interconnectedness of tropical and temperate ecosystems.

Fees: Variable; approximately \$1,700.

Periodically

BIO 2010 - Cell and Molecular Biology

4 cr This course provides science majors with the fundamentals of cell and molecular biology. Students study the basics of molecular biology, the flow of genetic information through the cell, its structure, function, metabolism, and regulation. Course content includes recent advances in genomics and case studies of research in these rapidly expanding fields. This course is intended for science majors and minors only and will not satisfy the Scientific and Mathematical Understanding frame of reference.

Lecture and Lab

Prerequisite: Completion of CHE 1031 with a "C" or better and at least one year of high school biology or BIO 1141.

Lab fee \$40.

Spring

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 - Fundamentals of Microbiology

4 cr A study of the cellular structure and function of microorganisms, principally bacteria. The physiology, genetics, and interactions of bacteria with higher forms of life and the environment will be covered. The required laboratory will provide students with an understanding and practical knowledge of aseptic techniques and other common microbiology methods.

Every Semester

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.

Periodically

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.

Even Years

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 3030 - Ecology of Water

3 cr All life depends on water. In this course we will delve into the chemical and physical characteristics of water and how these affect life. We investigate living organisms in water from our own college pond to nearby streams and lakes. Lastly, we will research how the ecology of water and its use impact environments and society in the USA and the world.

Prerequisite: BIO 2010 or BIO 2310 or permission of instructor.

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 2010.

Lab fee \$40.

Fall

BIO 3065 - Plant Ecology

4 cr This course covers the major concepts in plant community, population, physiological and evolutionary ecology through lecture, discussion and active field and laboratory activities. One or more field trips are planned.

Prerequisite: BIO 1141 and BIO 2010 with a grade of C or higher.

Fall, even 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 2010, CHE 1031, and CHE 1032, with a grade of C or higher or consent of instructor.

Spring

BIO 3090 - Virology

3 cr Students successfully completing this course will understand the history of virology and the techniques used to study viruses. In addition, students will gain an understanding of the biology and lifestyles of different families of viruses and the diseases they cause. This course also includes emerging viruses and examines the potential global impact of viral infection.

Prerequisite: "C" or better in BIO 1141 and BIO 2010.

Periodically

BIO 3151 - Physiology of Exercise

4 cr (Cross listed with AHS 3150.)

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.

Prerequisite: BIO 2011 and BIO 2012.

Fee \$40.

Every semester

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 1141, BIO 2010 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 3350 - Desert Ecology

4 cr Deserts are harsh, but extremely fragile ecosystems. Desert Ecology examines this seeming paradox by exploring the interactions between desert organisms and their unique environment. Topics include plant and animal adaptations to desert climates and habitats, and the forces that shape and maintain those habitats. The deserts of North America are of particular interest, and the course includes a field trip to primitive areas of the Mojave Desert of California where hiking on rugged terrain is required. The field trip occurs in the week following commencement and the laboratory fee covers all travel, food, and lodging costs. Fees: Dependent on current travel costs, but expected to be between \$800-\$900.

Prerequisite: C or better in BIO 1141 & BIO 2010 and permission of instructor.

Spring, odd years

BIO 3360 - Immunology

3 cr This course will explore the purpose and basis of the human immune system. We will investigate the function and nature of immune responses and gain an understanding of the mechanisms of protection against specific pathogens.

Prerequisite: C or better in BIO 1141, BIO 2010, and BIO 2125 with a grade of C or higher.

Fall, odd years

BIO 3810 - Internship In Biology

1-12 cr *Signed contract required at time of registration.*

BIO 4030 - Evolution

4 cr This course is a survey of evolutionary processes with an emphasis on natural selection. The class provides a background that allows students to understand the origin and maintenance of biodiversity and to be able to apply abstract evolutionary concepts to a wide range of organisms. The course covers current theory in evolution as well as the history of the evolutionary concept and its impacts on society. A weekly discussion period explores an important text in evolutionary biology.

Prerequisite: 'C' or better in BIO 1141 and BIO 2010.

Fall

BIO 4035 - Molecular Ecology and Evolution

4 cr This course provides Biology and Environmental Science majors with the fundamentals of molecular ecology and evolution concepts, including some basic bioinformatics. This course is especially relevant to students interested in ecological genetic and conservation biology careers. Laboratory course content focuses on investigation of novel research questions including fieldwork for collection of ecological data and/or tissue specimens.

Lecture and lab.

Prerequisite: BIO 1141, BIO 2010, and BIO 3070 with a grade of C or higher

Lab fee \$40.

Fall

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.

Prerequisite: BIO 1141, BIO 2010 and CHE 1031, BIO 2310 recommended.

Lab fee \$40.

Spring, odd years

BIO 4152 - 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/BIO 3151.

Fall, odd years

BIO 4160 - Behavioral Ecology

3 cr This course examines the behavior of animals specifically exploring interactions among animals and between individuals and their environments. Topics include antipredator behavior, foraging behavior, territoriality, social interactions, communication, and migration. The goal of the course is to learn to think critically about behavioral ecology and understand behavior on both the proximate (genetics, development and response to external stimuli) and ultimate (evolutionary) levels.

Prerequisite: 'C' or better in BIO 1141 and BIO 2010.

Spring, even years

BIO 4170 - Sexual Selection

3 cr Why are male cardinals bright red and females drab? Why do female praying mantises occasionally eat their mates? Male seahorses get pregnant!? What is the biological basis for the morphological and behavioral differences between the sexes in

organisms ranging from spiders to snails to orchids to humans? Sexual selection was first proposed by Charles Darwin as a corollary to natural selection and it has become one of the most active areas of research in biology. This course explores the theory of sexual selection as well as its effects in nature.

Prerequisite: 'C' or better in BIO 1141 and BIO 2010.

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.

Prerequisite: 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 4930 - Research Project

1-3 cr The student must initiate an 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 prior credits in BIO, CHE, GEY, or PHY.

Business Administration

Other relevant courses may be found under Accounting or Computer Information Systems

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.

Prerequisite: BUS 1270.

Every semester

BUS 2030 - Case Studies in Business Administration

3 cr A continuation of core business courses (ACC 2101, BUS 2020, and BUS 2230) with further development of principles. The course objective is to apply accounting, management, and marketing principles to case studies with the student assuming the role of a manager to solve problems or challenges. Particular emphasis is placed upon writing cases analyses.

Restrictions: Must be taken prior to BUS 4080.

Prerequisite: ACC 2101, BUS 2020, BUS 2230

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. Students will also examine the emerging role of electronic marketing, and its impact on today's businesses.

Prerequisite: BUS 1270.

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.

Periodically

BUS 2370 - Business Communications

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. This course provides fundamental skills necessary for the student's successful completion of future business courses.

Restrictions: Business Administration majors and minors, Computer Information Systems majors, and Writing minors (English) only

Prerequisite: ENG 1061

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 Not open to freshmen.

Signed contract required at time of registration.

BUS 2910, 3900 - Independent Study

1-3 cr Hours by arrangement.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

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.

Periodically

BUS 3140 - Entrepreneurship and Small Business Management

3 cr Students study the essentials of starting and managing a small business, including but not limited to: raising capital, location analysis, preparation of financial projections, alternate legal structures, attracting and maintaining customers and employees, and complying with laws and regulations. The course culminates with the preparation and presentation of a comprehensive business plan.

Prerequisite: ACC 2101, BUS 2020, BUS 2230.

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

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 2101 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 - Global 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 - Interactive Media

3 cr This course is a hands-on introduction to interactive media. Interactive media enable a direct response from the customer. Media covered include electronic media such as social media, web sites, search engines, email marketing, mobile marketing, and banner ads. Print media covered include magazines, newspapers, catalogs, flyers, and direct mail. Direct response TV and radio are also discussed. Students gain a thorough understanding of this vital and growing form of marketing.

Prerequisite: BUS 2230.

Fall, odd years

BUS 3272 - Applied Interactive Media

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 3270.

Periodically

BUS 3280 - Human Resources Management and Applications

3 cr This course focuses on the growing importance of human resource management for supervisors and managers employed in a variety of fields. The course includes an introduction to the basics of human resource management, such as interviewing, legal issues, compensation, discipline, and diversity. Contemporary issues and topics in the field are used to give students the skills and techniques necessary to manage in today's complex business environment. Finally, a case study approach enables students to understand fully these complexities using real-world cases within the field of Human Resource Management.

Prerequisite: BUS 2020

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 3380 - Hospitality Management

3 cr This course introduces students to the exciting and diverse hospitality industry. While providing an understanding of the scope and complexity of this service industry, the course applies general principles of management and marketing—and career opportunities—within hotels, restaurants, clubs, beverage operations, theme venues, entertainment centers, and other travel and

tourism businesses.

Prerequisite: BUS 2020, BUS 2230.

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.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

BUS 3910 - Independent Foreign Study

Credits to be arranged. Registration by permission of department chair only.

Signed contract required at time of registration.

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 systems management. Study of specific problems; decision-making processes dealing with planning and control in manufacturing and service firms.

Prerequisite: MAT 2021, MAT 2022.

Fall

BUS 4130 - Quantitative Business Decisions

3 cr Mathematical business decision-making techniques and methods of problem analysis of decision made under uncertainty. Individuals participating in the 4-Plus1 MBA program with Clarkson University must take this course.

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 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.

Prerequisite: at least 9 credits of CIS coursework.

Materials charge \$20,

Spring, odd years

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.

Prerequisite: BUS 2020.

Fall, even years

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.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

BUS 4910 - Independent Study

1-3 cr Hours by arrangement.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

Chemistry

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).

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 of synthesis, purification and characterization. Lecture (3 hrs.) and lab (4 hrs). Students are strongly recommended to take Organic Problem Solving I (CHE 2114) together with this course.

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).

Lab fee \$40.

Spring

CHE 2114 - Organic Problem Solving I

1 cr This course is designed to be taken in parallel with Organic Chemistry I. It introduces problem solving strategies for Organic Chemistry I.

Lecture (1 hr.).

Prerequisite: CHE 1032 with a grade of C or better

Co-requisite: CHE 2111.

Fall

CHE 2115 - Organic Problem Solving I

1 cr This course is designed to be taken in parallel with Organic Chemistry II. It introduces problem solving strategies for Organic Chemistry II.

Lecture (1 hr.).

Prerequisite: CHE 1032 with a grade of C or better

Co-requisite: CHE 2111.

Fall

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. The student may also assist the laboratory instructor in the management and review of scientific writing projects submitted by students. Specifically, this student will be responsible for first draft editorial remarks and revision, as well as advising students as to style, phraseology and content, prior to student submission of final drafts to the instructor.

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. The writing assistant must have passed CHE 1032L, and have excellent scientific writing performance and the instructor's recommendation.

CHE 2810 - 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 3011 - Biochemistry I

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.

Prerequisite: CHE 2111. CHE 2112 is strongly recommended.

Fall, even years

CHE 3012 - Biochemistry I 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.

Prerequisite: CHE 2111 and simultaneous registration in CHE 3010.

Lab fee \$40.

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.

Spring

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-fO₂ diagrams, isotope systems, and the application of geochemistry to solving environmental problems.

Prerequisite: CHE 1031, CHE 1032, and GEY 1030.

Spring, even years

CHE 3810 - Internship in Chemistry

1-12 cr *Signed contract required at time of registration.*

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 4810 - Internship in Chemistry

1-12 cr *Signed contract required at time of registration.*

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.

Chinese

CHI 1011 - Mandarin Chinese I

3 cr The course is a systematic introduction to the Mandarin Chinese language focused on development of aural comprehension, speaking, reading and writing skills. This course will also develop skills in Mandarin Chinese language to communicate across ethnic, cultural, ideological and national boundaries and to develop an understanding of Chinese interpersonal behavioral culture and related thought patterns.

CHI 1012 - Mandarin Chinese II

3 cr This course continues Mandarin Chinese I and the development of aural comprehension, speaking, reading and writing skills. This course will continue to develop skills in Mandarin Chinese language to communicate across ethnic, cultural, ideological and national boundaries and to develop an understanding of Chinese interpersonal behavioral culture and related thought patterns.

Computer Information Systems

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# 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# 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, even years

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 2031

Materials charge \$20.

Periodically

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, odd years

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.

Prerequisite: BUS 1270 or Introductory Computer skills course.

Materials charge \$20.

Spring, even years

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.

Fall, even years

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.

Periodically

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.

Periodically

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.

Prerequisite: CIS 2271.

Materials charge \$20.

Periodically

CIS 3410 - Foundations of Information Systems

3 cr The focus of this course is on the key components of information systems—people, software, hardware, data, and communications technologies. Students study how these components are integrated and managed to create competitive advantage.

Prerequisite: BUS 1270

Fall, odd years

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 4045 - Information Security Management

3 cr This course addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational information security management.

Prerequisite: at least 9 credits of CIS coursework.

Fall, odd years

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.

Periodically

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: Minimum of 9 credits of CIS coursework. Junior or senior standing and permission of the instructor.

Materials charge \$20.

Spring, even years

Communication

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

3 cr (also listed as ART 1230)

This course will provide a systematic introduction to the use of computing in the arts and humanities. Topics covered include use of the World Wide Web as a resource for research and content, illustration, design, website creation, image retouching and compositing, page layout, and publication. This course fulfills the general education computer requirement.

Lab fee \$15.

Every Semester

COM 2050 - Introduction to Film Studies

3 cr (also listed as THA 2050)

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 This course will teach students the basic understanding of cameras, how to photograph portraits features, general news and photo stories using professional standard digital technology. Students will also gain an understanding about careers in photojournalism and related fields. Field trips and discussions about ethics and techniques will expose students to the realities confronting professional photojournalists.

Lab Fee \$20.

Fall

COM 2120 - Script Workshop I

3 cr (also listed as THA 2120)

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

3 cr (also listed as ART 2130)

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 \$20.

Periodically

COM 2140 - Race, Gender and Sexuality in Mass Media

3 cr Media are among our primary sources of images of people, places and things we do not encounter ourselves in our everyday lives. This course examines the images of women and racial and sexual minorities who have been on the fringes of policy development and yet at the center of narratives created by mainstream media. It takes a detailed look at the symbolic and social power of commercial media's role in constructing social and cultural differences around age, gender, race, class and sexuality.

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.

Every Semester

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.

Every Semester

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 - Graphic Design I

3 cr (also listed as ART 2221)

Principles of design, layout, typography and visual communication are addressed through creative projects using the computer as a design tool. Introduction to digital imaging, illustration and raster and vector imaging are included.

Prerequisite: COM 1230/ART 1230 or consent of instructor.

Studio fee \$20.

Every Semester

COM 2222 - Graphic Design II

3 cr (also listed as ART 2222)

Visual communication, ideation and collaboration are emphasized in developing design concepts and solutions. Projects may include digital image manipulation and illustration techniques.

Prerequisite: COM 2221/ART 2221

Studio fee: \$20.

Spring

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).

*Signed contract required at time of registration.
Prerequisite: Permission of instructor.*

COM 3010 - News Media Ethics and Law

3 cr The student examines basic ethical issues encountered daily by the news media including diversity, conflicts of interest, fabricating stories, privacy, use of deception and the need for compassion. The course will also touch on a handful of media law issues including libel and slander, the Freedom of Information Act, shield laws and First Amendment battles.

*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, Social Activism and Political Action

3 cr This course examines how various media forms can, and have been, used to bring about social and political change. Because computer related media technologies, community, and alternative media are generally more accessible and multi-faceted than mainstream corporate outlets, in recent times they have been deployed more easily to influence or directly enact social or public policy change. Students study all these efforts. An important aspect of the course will be examining the current political system and media's integral role in both maintaining and challenging the status quo.

*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

3 cr (also listed as THA 3135)

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 3730 - Special Topics in Film

3 cr (also listed as THA 3730)

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 This course is an in-depth exploration of a variety of national and international topics as presented in “new” and “old” media. Current controversies, concerns and related media responses will inform the content of each course offering. Past topics have included war propaganda, political campaign blogs, media marketing to teenagers, and media representation of cultural conflict in the 1960s. As topics change, this course may be repeated for credit.

Prerequisite: COM 1220 or permission of instructor.

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 COM 4810 combined.)

*Signed contract required at time of registration.
Prerequisite: Consent of instructor.*

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

3 cr (also listed as THA 4040)
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 4510 - Communication Portfolio

3 cr In this course students develop and organize materials to support their career development efforts. Drawing from papers, stories, scripts, graphics, videos, audio files, etc. produced during their time as undergraduates, students produce online and hard copy portfolios and “reels.” Students reflect on their overall growth and development within their fields of study, and thoughtfully address the works selected for their portfolios.

Restrictions: Senior Standing

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.

Signed contract required at time of registration.

Prerequisite: Permission of instructor.

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).

Signed contract required at time of registration.

Prerequisite: Permission of instructor.

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.

Criminal Justice

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', halfway 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

2 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: Sophomore standing or above, and consent of instructor.

CRJ 2910 - Independent Study

3 cr Directed individual study of criminal justice topics.

Signed contract required at time of registration.

Prerequisite: Criminal Justice faculty approval is required before registration.

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: 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. A lab is also required with this course.

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 2010, junior standing, 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.

Periodically

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, alternate 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, alternate years

CRJ 3140 - Mass Murderers and Serial Killers

3 cr An examination of the crimes of mass murder and serial killing in the United States. Students will look at the history, traits, and characteristics of the killers, the crimes, and the victims. They will study the efforts of the law enforcement community to identify and track down such offenders, and criminal justice system efforts to deal with them after capture.

Prerequisite: CRJ 1010, CRJ 2010, junior standing, or consent of instructor.

Fall

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, junior standing, or consent of instructor.

Spring

CRJ 3170 - Ethical Issues in Criminal Justice

3 cr This class in applied ethics is designed to introduce upper level CRJ students to ethical theories and help them apply these theories to real world dilemmas they may confront as criminal justice practitioners. Among the topics explored in this class are: the meaning of morality and ethics, the problem of defining right wrong/good-bad behavior, the connections between law, morality and justice, and the consideration of what consequences should befall those caught in unethical behavior. Ethical checklists and decision making strategies are also examined and evaluated.

Prerequisite: Sophomore level standing and completion of at least two of the following: CRJ 2010, CRJ 2020, CRJ 2080.

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 3820 - 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.

Every Semester

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 125 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 acquire 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.

Signed contract required at time of registration.

Prerequisite: CRJ 2810, Junior or Senior standing and consent of instructor.

Spring

CRJ 4910 - Independent Study

1-3 cr Available by arrangement with Coordinator.

Signed contract required at time of registration.

Prerequisite: Senior standing and Criminal Justice faculty approval is required before registration.

Dance

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

1 cr Half Semester (First Half of Semester/Second Half of Semester)

DAN 2020 - Rhythms And Dance

2 cr Spring

DAN 2140 - Intermediate Dance Workshop

3 cr Intermediate level workshop in specific dance techniques or styles such as ballet, jazz, modern or tap.

Prerequisite: DAN 1040 or permission of department or instructor.

Offered on an as needed basis

DAN 2730 - Special Topics in Dance

3 cr An in-depth examination of specific dance styles. Exact course descriptions will be provided prior to each registration period. May be taken up to two times for department credit.

Spring

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

Other relevant courses may be found under History, Geography, Global Studies, 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.

Spring

ECO 1040 - Global Economic Issues

3 cr In the past fifty years globalization has profoundly changed economic reality for hundreds of millions of people throughout the world, for some much for the better and for others decidedly not. This course examines that changing reality and analyzes its

causes and consequences from a variety of perspectives. We address many of the difficult, complex, and contentious issues that arise as the people of the world try to create prosperous and thriving societies.

Fall, even years

ECO 2040 - Macroeconomics in a Global Context

3 cr This course serves as an introduction to economic principles in general as well as macroeconomics in particular. How do we understand the workings of the U.S. economy, in its global context? This course looks at the economy holistically, with an emphasis on its interconnections. We examine the connections between competing economic analyses and competing policy prescriptions to prevent or repair economic problems such as unemployment, inflation, and unsustainable growth – within the context of a rapidly globalizing economy.

Prerequisite: MAT 1221 or MAT 1320 or MAT 2021 or equivalent or concurrent enrollment in MAT 2021. ECO 2010 recommended for students with less than a C+ in MAT 1221, MAT 1320, or MAT 2021.

Every Semester

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 MAT 1320 or MAT 2021 or equivalent. ECO 2010 recommended for students with less than a C+ in MAT 1221 or MAT 1320 or MAT 2021.

Every Semester

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.

Fall, even years

ECO 2250 - Economics for Social Studies Teachers

3 cr This course offers prospective Social Studies teachers training in the basic principles of both macroeconomics (national income, economic cycles, inflation, unemployment) and microeconomics (markets, supply and demand, price determination, consumer theory) as necessary economics background for the teaching of the middle and high social studies curriculum and state licensure endorsement standards. Students also develop pedagogical methods for integrating economic thought into specific lessons in history, government, and geography. This course fulfills one of the five general pedagogy lab requirements—but not one of the four specifically HGEP pedagogy lab requirements—for prospective Social Studies teachers. Also fulfills an Economics requirement for History and Social Studies majors.

Prerequisite: At least sophomore standing is recommended but not required.

Fall, odd 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 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.

Prerequisite: 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 interlinked 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 - Internship in Economics

1-12 cr By arrangement with the coordinator of Economics.
Signed contract required at time of registration.

ECO 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.
Signed contract required at time of registration.
Prerequisite: consent of instructor.

Education

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.
Fee \$170 The lab fee reflects the cost of Praxis I testing and registration, adjusted annually as fees change
Every semester

EDU 1100 - Education Technology

3 cr 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.
Prerequisite: EDU 1000 may be taken concurrently.
Fee \$25.
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.
Prerequisite: 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 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 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.

Prerequisite: EDU 2110 or consent of the instructor.

fall

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.

Prerequisite: EDU 2110 or consent of the instructor.

Spring

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. Consent of department chair. Signed contract required at time of registration.

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.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

English

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: ENG 0040/ENG 1010, or equivalents.

Every semester

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.

Spring Fall, even 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 2010

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: 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.

Spring

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 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 2011

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 - World Fiction (L)

3 cr This genre course investigates world fiction, asking how important writers have received and transformed fiction as art—and as a means of doing new kinds of philosophical and psychological work.

Prerequisite: ENG 2260 or ENG 2270. Highly recommended: ENG 1310, ENG 2161, and ENG 2162.
Spring, even years

ENG 3230 - Asian Literature

3 cr Students will read representative texts, both ancient and modern, from the literature of India, China, Japan, and the Islamic world, texts such as Valmiki's Ramayana, the poetry of Po Chui, Murasaki Shikibu's The Tale of Genji, and the short stories of R. K. Narayan, Lu Xun, and Naguib Mahfouz.

Prerequisite: ENG 2260 or ENG 2270. 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 ENG 2270. 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 ENG 2270. 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 ENG 2270.
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 ENG 2270. 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 ENG 2270. 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 ENG 2270. 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 development 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 ENG 2270. 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 ENG 2270. 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 ENG 2270. 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 ENG 2270. 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 ENG 2270. 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 ENG 2270. 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 ENG 2270. Highly recommended: ENG 1310.
Fall, odd years

ENG 3620 - Overview Of 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 ENG 2270. Highly recommended: ENG 1310, ENG 2411, and 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 ENG 2270. 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 ENG 2270. Highly recommended: ENG 1310, ENG 2411, and 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 ENG 2270. 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 ENG 2270. 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 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 ENG 2270. Highly recommended: ENG 1310, ENG 2411, ENG 2412.

Spring, even years

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 ENG 2270. Highly recommended: ENG 1310.

Periodically

ENG 3750 - Special Topics in Writing

3 cr This course enables faculty and students to explore diverse topics in the art and craft of writing, including writing and style, advanced argumentation, and advanced poetry writing. The content of the course is announced at registration. Students may take the course more than once, and additional credits may be applied toward completion of the writing minor when course content is substantially different.

Prerequisite: ENG 1061. Highly recommended: at least one WI course.

Fall

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

Credits to be arranged. Registration by permission of department chair only.
Signed contract required at time of registration.

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 ENG 2270.
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 ENG 2270. 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

Other relevant courses may be found under Biology, Chemistry, Economics, Geography, Global Studies, 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 2910 - Independent Study

1-3 cr By arrangement with the coordinator of Environmental Studies. Signed contract required at time of registration.

ENV 3080 - Globalization and the Environment

3 cr (cross-listed with GEO 3080)

In this course, students consider relationships between the environment and globalization— including economic, political, cultural, and ideological globalization. Environmental problems and possible solutions to those problems are considered. Issues may include, but are not limited to: global climate change, fisheries collapse, “peak oil,” soil erosion and depletion, acid rain, deforestation, groundwater and surface water pollution, estuary health, and ozone depletion.

Fall, Even Years

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.

English Second Language

ESL 3010 - Teaching English as a Second Language in a Cross Cultural Context

3 cr 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

Foreign Language and Literature

Other relevant courses may be found under French and Spanish.

FLL 0020 - Foreign Language Teaching Methods

3 cr 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 1110 - Film and Lit: Hispanic, French and Italian

3 cr 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 20th 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 3810 - Internship in Foreign Language

1-12 cr *Signed contract required at time of registration.*

FLL 3820 - Foreign Language Study Abroad

Credits to be arranged 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 Registration by permission of Modern Foreign Language Program Coordinator only.

FLL 3910 - Independent Foreign Study

Credits to be arranged Registration by permission of Modern Foreign Language Department Program Coordinator only.

French

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

Other relevant courses may be found under Economics, Environmental Studies, Geology, Global Studies, History, and Political Science.

GEO 1040 - Map Use and Interpretation

3 cr This class serves as an introduction to maps as tools for displaying and analyzing spatial information. Topics covered in this course include map projections, map bias, coordinate systems, and the creation, use, and interpretation of general and thematic maps, including topographic, choropleth, isolinear, and dot-density maps as well as satellite-photo images.

Spring, even years

GEO 1060 - Fundamentals of Geography

3 cr This course introduces students to the varied and wide-ranging discipline of Geography. Subject matter includes map use, physical geography (atmosphere, hydrosphere, and solid earth), human geography (population, cultural, economic, rural, urban, and political geography), and geographic education, with particular emphasis on national and state standards in geography and social studies.

Fall

GEO 1210 - Geography for Teachers

1 cr This pedagogy lab is designed to introduce prospective teachers to the ways in which geography may be integrated into the teaching of social studies. Students will become familiar with state and national geography standards and understand how to apply those standards to social-studies education. Ultimately, students will concentrate their attention on one region, create a series of short level-appropriate teaching strategies and lesson plans about that region, present short lessons to their peers, and reflect on in-class teaching experiences.

Prerequisite: Must be enrolled in or already have taken GEO 1060 (Fundamentals of Geography) or GEO 2020 (World Regional Geography) or permission of instructor.

Fall

GEO 2020 - World Regional Geography

3 cr In this course, students will consider the locational and regional characteristics of the world's diverse cultures. We will apply a variety of geographical models and perspectives relating to specific regions of the world to better understand the conflicts, commonalities, and general human geographies among world regions and culture groups.

Spring

GEO 2150 - Cultural Geography

3 cr This class focuses on the relationships between people and their physical and cultural environments, and on the analysis of the spatial expression of culture throughout the world. Students will be introduced to the subfields of cultural geography, including linguistic, economic, population, urban, and agricultural geography, understand those subfields in the contexts of folk, popular, material, and nonmaterial culture, and apply those subfields to local, regional, and world geography.

Fall

GEO 2210 - Introduction to Geographic Information Systems

3 cr (also listed as SCI 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 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 2220 - Weather and Climate

3 cr This course offers an interdisciplinary examination of meteorology and climatology. Students will investigate earth-sun relationships, air-mass formation and movement, wind, fronts, severe storms, cloud formation and identification, cyclogenesis and pressure systems, precipitation, global circulation patterns, atmospheric pollution, and global climate change.

Spring, Odd years

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 3020 - New England

3 cr This course introduces students to the cultural geography of the six New England states using Vermont as a point of departure. Students learn how to read cultural environments for clues about New England's past, present, and future, and consider how regional images influence the public's perceptions of Vermont and New England.

Fall, odd years

GEO 3030 - People and Places of North America

3 cr This course introduces students to the cultural diversity of the United States and Canada. Material and nonmaterial elements that contribute to a sense of place—such as house types, language, racial and ethnic composition, burial landscapes, and interactions between people and environment—are considered in the investigation of selected subregions, cities, and places in North America.

Spring, odd years

GEO 3080 - Globalization and the Environment

3 cr (cross-listed with ENV 3080)

In this course, students consider relationships between the environment and globalization—including economic, political, cultural, and ideological globalization. Environmental problems and possible solutions to those problems are considered. Issues may include, but are not limited to: global climate change, fisheries collapse, "peak oil," soil erosion and depletion, acid rain, deforestation, groundwater and surface water pollution, estuary health, and ozone depletion.

Spring, even 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

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, odd 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, even 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.

Spring, odd years

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 2110 - Energy and Environment

3 cr This course is designed to introduce students to the important topic of energy resources and the environmental consequences of our choice of energy. The course will describe the geologic framework and environmental aspects of fossil fuels (petroleum, coal and natural gas), renewable energy sources (solar, wind, hydro, geothermal), and nuclear fission, as well as energy sources still in development or of controversial value, such as hydrogen fuel, biomass, ethanol, biodiesel, and nuclear fusion. Weekly labs will consist of field trips to power plants and other places that illustrate various types of energy production, as well as laboratory introductions to relevant geologic materials.

Periodically

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, odd 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-fO₂ diagrams, isotope systems, and the application of geochemistry to solving environmental problems.

Prerequisite: 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.

Prerequisite: GEY 1030 Or consent of instructor.

Lab fee \$40.

Spring, even 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. May be repeated for credit.

Prerequisite: Two GEY courses or consent of instructor.

Lab fee \$10.

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.

Prerequisite: Two courses in Geology.

Lab fee \$40.

Fall, odd 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.

Global Studies

Other relevant courses may be found under Economics, Environmental Studies, Geography, History, and Political Science.

GLB 1010 - Introduction to Global Studies

3 cr This course employs multidisciplinary perspectives to introduce students to concepts, issues, theories and methodologies that assist the student to attain a better understanding of the meaning and significance of the historical and contemporary processes of globalization. Topics covered include: the global economy; global dimensions of environmentalism; international and global institutions; the changing role of the nation state; and the interaction between local, national, regional and global culture and social patterns.

Fall

GLB 3810 - Cultural Immersion Experience

0-2 cr Study, work, intern, or volunteer abroad for 15 weeks in an approved cultural immersion experience. Not mere tourism, this requires students to make genuine efforts to engage with the society and culture of their host country. Students work closely with a Cultural Immersion Mentor to plan, carry out, and reflect on their activities abroad to gain meaningful insights that allow them to act knowledgeably and effectively as participants in that country and others. The student is responsible for arranging funding for the semester abroad.

Prerequisite: Complete the 6 core GLB courses; 6 credits or equivalent in foreign language; 9 credits in the GLB thematic and/or regional concentrations; and a Cultural Immersion Contract (obtained from the Global Studies Coordinator).

Every semester

GLB 4610 - Global Studies Capstone Seminar

3 cr This collaborative seminar is required of all students majoring in Global Studies. Students work together, discussing common readings, lectures and films that investigate a variety of concepts and issues to advance their understanding of the globalized world and their place in it. They critically analyze and evaluate the knowledge and perspectives they gained in their Global Studies coursework and cultural immersion abroad. Students then present their unique analysis and synthesis of their

global education in a culminating research project. Emphasis is on systematically developing their own complex and mature world view, including their own global career path.

Prerequisite: GLB 3810.

Spring

Health Education

HED 2310 - Health Education Methods

3 cr This course examines comprehensive school health education and the research and theory of health behavior. Course content includes the following: the historical development and philosophy of health education; knowledge of health education concepts and skills delineated in current national and Vermont health education standards, laws and regulations; the impact of societal values, norms and priorities on health education practice; the process of selecting and using current, valid and reliable sources of health information, to include national, state, and local organizations/associations, publications and educational materials/resources; and analyzing research relative to health risks among school-age youth and translating research into recommendations for the design and implementation of health education programs. This course also explores the purposes, components and approaches to coordinating school health initiatives based on the national Coordinated School Health model, including partnerships with families, school staff, and community members to improve health literacy and health behaviors.

Prerequisite: PED 2420, or permission of the instructor.

Spring

HED 3010 - Elementary Health Education Curriculum & Assessment

3 cr This course examines elementary standards-based Health Education curriculum, instruction, and assessment. Students explore the process of planning an effective, age-appropriate school health curriculum that aligns with the Vermont Health Education standards including developmentally appropriate instructional strategies and uses multiple assessment techniques. Students also learn about applying diverse innovative instructional strategies that align with standards-based learner outcomes and performance indicators; implementing skill building strategies to develop competency in health related skills; and selecting, designing and utilizing multiple assessment techniques. The process of Health Education program evaluation is also be discussed.

Prerequisite: PED 2420, HED 2310 (Health Education Methods), or permission of the Instructor.

Fall

HED 3020 - Secondary Health Education Curriculum & Assessment

3 cr This course examines secondary standards-based Health Education curriculum, instruction, and assessment. Students explore the process of planning an effective, age-appropriate school health curriculum that aligns with the Vermont Health Education standards including developmentally appropriate instructional strategies and uses multiple assessment techniques. Students also learn about applying diverse innovative instructional strategies that align with standards-based learner outcomes and performance indicators; implementing skill building strategies to develop competency in health related skills; and selecting, designing and utilizing multiple assessment techniques. The process of Health Education program evaluation is also be discussed

Prerequisite: PED 2420, HED 2310 (Health Education methods), or permission of the Instructor.

Spring

HED 4510 - Seminar in Teaching Health Education

1 cr This 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.

Prerequisite: Acceptance to Health Student Teaching

Co-requisite: HED 4801 (student teaching) and HED 4802 (student teaching)

Every semester

HED 4801 - Directed Student Teaching in Health 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 preK-12 Health Education must apply, qualify, and be admitted to student teaching.

Prerequisite: Complete all required major courses, meet required GPA standard, departmental recommendation, and professional and related intellectual competencies as stated in written application requirements.

Co-requisite: HED 4801 (Directed Student Teaching in Health II) and HED 4802 (Seminar in Teaching Health Education)

Every semester

HED 4802 - Directed Student Teaching in Health Education II

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 Health Education must apply, qualify, and be admitted to student teaching.

Prerequisite: Complete all required major courses, meet required GPA standard, departmental recommendation, and professional and related intellectual competencies as stated in written application requirements.

Co-requisite: HED 4801 (Directed Student Teaching in Health I) and HED 4510 (Seminar in Teaching Health Education)

HED 4811 - Elementary Health Education Practicum

1-2 cr Sixty hours (or more) of supervised health education field experience in the elementary (PK-6) setting.

Prerequisite: HED 3010 - Elementary Health Education Curriculum & Assessment, departmental recommendation, or permission of the instructor.

Every semester

HED 4812 - Secondary Health Education Practicum

1-2 cr Sixty hours (or more) of supervised health education field experience in the middle/secondary (7-12) setting.

Prerequisite: HED 3020 - Secondary Health Education Curriculum & Assessment, departmental recommendation, or permission of the instructor.

Every semester

History

Other relevant courses may be found under Economics, Environmental Studies, Geography, Global Studies, 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 1325 - World History Pedagogy Lab

1 cr Students explore various pedagogical methods and materials for teaching World History to elementary and secondary school students.

Prerequisite: Must be enrolled in or already have taken HIS 1111 or HIS 1112, or permission of instructor.

Spring

HIS 1326 - U.S. History Pedagogy Lab

1 cr Students explore various pedagogical methods and materials for teaching U.S. History to elementary and secondary school students.

Prerequisite: Must be enrolled in or already have taken a college-level U.S. History course, or permission of instructor.

Fall

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.

Fall

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 2255 - Early Modern Europe

3 cr This course examines European history from the medieval period through the French Revolution. We survey the major events of this period, such as the Crusades, the Renaissance, the Reformation, the “Age of Exploration,” and the Enlightenment, while also paying particular attention to the cultural, intellectual, and social developments that accompanied these events. While this course is primarily concerned with European history, we also consider this history in a global context throughout the semester.

Every Fall

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 2285 - Modern Europe

3 cr This course examines European history from the French Revolution to the collapse of the Soviet Union. The class surveys the critical events of the period, including the Industrial Revolution, imperialism, the two world wars, and the Cold War. We focus particularly on the rapid cultural, economic, political, and social transformations of Europe in the last two centuries, the projection of European power around the world, and the response to European imperialism both inside and outside of Europe.

Every Spring

HIS 2335 - Asia through Food and Film

3 cr This course uses food and film to teach about cultural experiences of Asians and their historical relationships to the lands and to the peoples they encountered through migration, trade and conquest. Its basic goal will be to stimulate students' thinking and enthusiasm for learning more about Asia, but it also aims to challenge them to consider how culture, environment, economics, and politics intersect in the foods people eat, and how historical change and continuity reflect and reverberate in that intersection. A multisensory understanding of Asian culture and history is gained through readings, films, class lecture and discussion, and cooking and eating a variety of Asian foods. Fees: \$25 for cooking ingredients, restaurant items, and honoraria for guest gourmets to give presentations and cooking demonstrations.

Fall

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.

Spring

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 Internships. 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 2011, Fall 2014

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 2012, Fall 2015

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 2013, Spring 2016

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 2010, Fall 2013

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 naturenurture 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 2011, Spring 2014

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 s 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 2012, Spring 2015

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, odd years

HIS 3340 - Europe and the Middle East

3 cr Since ancient times, Europe and the Middle East have had a shared history, a history marked by both conflict and cooperation. This course explores European perceptions of—as well as conflicts and encounters with—the Middle East since the rise of Islam in the seventh century. We examine the political, military, economic, social, and cultural interactions between the two regions as well as the roots of contemporary problems.

Spring 2011, Spring 2014

HIS 3345 - Masculinities in Modern Europe

3 cr This course examines the many meanings and practices of masculinity in Europe since the French Revolution. Starting with the assumption that ideas about masculinity are culturally constructed, we explore the relationship of masculinities to nationalism, imperialism, work, sexuality, war, politics, and other important elements of modern European history. The role of masculinities in justifying and perpetuating, and at times undermining, systems of power based on race, gender, and sexuality are central to our analysis.

Fall 2012, Fall 2015

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 3365 - Pax Britannica

3 cr The nineteenth century has often been called the “Pax Britannica,” or the British Peace. The phrase suggests that the period between the Napoleonic wars and World War I was a time of peace and prosperity guaranteed by British power. In fact, for many people around the globe, British imperialism meant famine, war, and destruction. The expansion of its empire during the nineteenth century transformed Britain irrevocably as well. This course examines the effects of formal and informal British imperialism on Britain and the world in the nineteenth century.

Spring 2013, Spring 2016

HIS 3450 - Women in European History

3 cr A study of the changing role of women in European history is offered from the end of antiquity to the 20th century. Topics include women in public and private life, the economic and legal position of women, and the changing role of women in society.

Fall 2010, Fall 2013

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, even years

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, even 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 precolonial 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.

Spring, odd years

HIS 3480 - Special Topics: Africa in Global History

3 cr This seminar explores selected advanced topics, ranging from ancient to contemporary African history. The specific topic and course description will be announced prior to each registration period, but each course will examine both primary and secondary sources and will explore African history in the context of global connections and comparisons. This course may be repeated for credit as topics change.

Fall, odd years

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 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.

Spring 2015, Spring 2018

HIS 3610 - History Proctorship

1-3 cr History proctors assume partial responsibility, under faculty supervision, for the progress of students in a History course. Sample duties include conducting study sessions, preparing handouts, leading discussion groups, and tutoring individual students. May be taken more than once (but no more than 3 credits may count toward the major).

Prerequisite: junior or senior standing and permission of instructor.

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.

Spring 2014, Spring 2017

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 4601 - History Research Seminar

3 cr This course is required of all students majoring in History or Social Studies. It is the first in a sequence of two required courses leading to the History Thesis (see HIS 4602). The goal of the course is to teach students how to approach history from the point of view of a historian, reading texts for historiographical, theoretical and methodological significance. In this class, students learn how to conduct quality research and to develop bibliographic and citation skills. They apply these skills when they identify, locate and analyze secondary and primary sources that lead to a substantial research proposal that will form the basis of the History Thesis.

Prerequisite: Majoring in History or Social Studies; junior or senior status.

Fall

HIS 4602 - History Thesis Seminar

3 cr This capstone seminar is required of all students majoring in History or Social Studies. Building on the research proposal developed in HIS 4601, students will continue to locate, evaluate and interpret the significance of primary and secondary sources pertaining to a particular historical research project. This course is conducted as a seminar, with emphasis placed on working together with the professor and all class members to prepare a culminating project for public presentation to the campus community, and submitted in written form as a History Thesis.

Prerequisite: Prerequisite HIS 4601, and a grade of C+ or higher in ENG 2010.

Spring

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.

Interdisciplinary Liberal Arts

INT 1051 - First-Year 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 \$60 course fee.

Fall, Spring

INT 1052 - First-Year Soundings I: An Introduction to The Liberal Arts, Part I

2 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 \$60 course fee.

Fall, Spring

INT 1053 - First Year Soundings II, an Introduction to the Liberal Arts, Part II

0.5 cr A continuation of First-Year Soundings I. Students must attend at least four events during the semester. Both First-Year Soundings I and II must be taken during the student's first year at Castleton. Consequently, a student may not drop First-Year Soundings unless, in the judgment of the teachers of Soundings, he or she has a very serious reason such as substantial personal hardship or prolonged illness.

Fee \$60.

INT 1070 - Foundations of Leadership

3 cr Foundations of Leadership helps students to understand, appreciate and reflect on their position in the communities to which they belong, and to learn to foster change in those communities. The course offers a survey of leadership theory and, more prominently, leadership training in the individual, group, and civic skills necessary to develop as leaders capable of significant civic work. The course approaches leadership through an interdisciplinary problem-based method, organizing our discussions and course activities around the students' development of a community-based, civic-engagement project. Throughout the semester, the students will work in teams to develop projects that will be implemented at the end of the term.

Fall

INT 2015 - The Collapse of a Civilization

4 cr This interdisciplinary course examines the rise and fall of the Mayan civilization of Central America. We study the environment, history, and science of the Maya, paying particular attention to how they interacted with their natural world. We then travel to the mountains of Belize to explore the setting where the Maya once thrived. Upon our return we process what we have learned with an eye towards understanding contemporary sustainability issues.

Fee: Dependent on current travel costs; approximately \$2000.

Periodically

INT 2020 - Great Ideas in the Castleton Curriculum

3 cr This course, which is part of the college's Honors program, is intended to introduce students to some of the most important ideas in the Castleton State College curriculum, ideas such as the nature of knowledge, the power of art, the relationship between justice and law, theories of space and time, and the goals of feminism. It is also intended to help students expand the range of subjects in which they are interested and create for themselves a general education program characterized by challenge and exploration.

INT 3054 - Junior Soundings

0.5 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. Students must attend at least three events during the semester. In addition, students will be required to attend an orientation session at the beginning of the semester and write an essay in which they reflect upon their General Education experiences.

Prerequisite: INT 1051 or INT 1052, and INT 1053, and junior standing.

Fee \$50.

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

MAT 0190 - Mathematics Skills Lab

1 cr Required of all students whose test scores on ACCUPLACER 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.

Periodically

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: Students must take a math assessment (ACCUPLACER) for placement purposes prior to registration.

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 is conducted. Functions and graphs, systems of equations, and polynomial, rational, and exponential functions are covered in this course. This course may not be used to satisfy the math/science frame.

Prerequisite: Students must take a math assessment (ACCUPLACER) for placement purposes prior to registration or MAT 1010.

Every semester

MAT 1221 - Finite Mathematics

3 cr This is an introductory problem-solving course with applications from biology, behavioral science, social science, business and finance. Students examine coordinate systems and graphs, functions, linear programming, matrices and linear systems, game theory, and probability topics. This course is required for those students who need MAT 1221L (PED LAB).

Prerequisite: Students must take a math assessment (ACCUPLACER) for placement purposes prior to registration or MAT 1010.

Every semester

MAT 1221L - Finite Mathematics Pedagogy Lab

1 cr This course is a study of strategies, techniques, materials, technology, and current research used in the teaching of the concepts of finite mathematics to high school and elementary school students. Students will review the traditional and contemporary standards involved in teaching mathematics at the secondary and elementary school level; develop an awareness of the professional resources, materials, technology and information available for teachers; prepare unit and lesson plans with related assessment procedures on a variety of topics; and acquire teaching experience by taking part in individual tutoring, observation at a local school, and/or presenting lessons at the appropriate level.

Prerequisite: Math Ed major, MAT 1221 or concurrent enrollment.

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. Functions are explored from numerical, graphical, and analytic perspectives including the study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Students utilize technology (graphing calculators and/or the internet) on a regular basis.

Prerequisite: Students must take a math assessment (ACCUPLACER) for placement purposes prior to registration or MAT 1010.

Every semester

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, linear regression and correlation are covered. Basic tools of descriptive statistics, discrete probability, binomial distribution, normal distribution, t-distribution, estimates and sample sizes, hypothesis testing, elementary correlation and regression, contingency tables are explored. Students utilize graphing calculators and spreadsheet software on a regular basis.

Prerequisite: Students must take a math assessment (ACCUPLACER) for placement purposes prior to registration or MAT 1010.

Every semester

MAT 2021L - Statistics Pedagogy Lab

1 cr This course is a study of strategies, techniques, materials, technology, and current research used in the teaching of statistics to high school and elementary school students. Students will review the traditional and contemporary standards involved in teaching mathematics at the secondary and elementary school level; develop an awareness of the professional resources, materials, technology and information available for teachers; prepare unit and lesson plans with related assessment procedures on a variety of topics; and acquire teaching experience by taking part in individual tutoring, observation at a local school, and/or presenting lessons at the appropriate level.

Prerequisite: Math Ed major, MAT 2021 or concurrent enrollment.

MAT 2022 - Statistics II

3 cr This course is a continuation of MAT 2021 and includes estimation, hypothesis testing, single linear regression, and one-way analysis of variance using calculators and statistical software. This course addresses in-depth such topics as the Central Limit Theorem, Chebyshev's theorem, covariance, multiple regression, ANOVA, nonparametric methods, and applications of probability distributions. It includes problems dealing with multiple linear regression, multi-way analysis of variance, nonparametric statistics, enumerative data, and computer applications. Students utilize graphing calculators and spreadsheet software on a regular basis.

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 studies the development of various branches of mathematics from ancient times to the present, and investigates historical and multicultural influences on the development of mathematics, to include non-Western cultures. While mathematics in present-day Western society is usually associated with science and technical fields, mathematical ideas in other cultural groups develop through storytelling and myth, art, music, philosophy, or the structure of marriage rules. This course provides an introduction to mathematics that affects political, sociological and economic situations in modern society. Topics such as voting systems; fairness conditions; power indices; fair division methods and their applications; apportionment methods; Euler and Hamilton circuits and their applications; networks; scheduling; and elementary game theory may be included. Students conduct research and present their findings as written reports and oral presentations.

Prerequisite: MAT 1020 or consent of instructor.

Spring

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.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

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 teacher. Students will be given numerous opportunities to discover and construct important mathematical concepts and techniques using a variety of student-centered learning strategies, including the use of manipulative devices, graphing calculators, computers, Internet, portfolio and journal assessment, and Video Vignettes.

MAT 3035 - Teaching Secondary Mathematics

3 cr This course is a study of strategies, techniques, materials, technology, and current research used in the teaching of mathematical concepts to high school students. Students will review the traditional and contemporary standards involved in teaching mathematics at the secondary school level; develop an awareness of the professional resources, materials, technology and information available for teachers; prepare unit and lesson plans with related assessment procedures on a variety of topics; and acquire teaching experience by taking part in individual tutoring, observation at a high school, and/or presenting lessons at the appropriate level.

Prerequisite: Math Ed major, junior or senior status.

Spring

MAT 3210 - Linear Algebra

3 cr This course introduces students to linear algebra including a study of vector spaces, linear transformations, determinants, inner products, and characteristic equations. Topics to be studied include mathematical structures, algebraic properties, and applications of matrices, determinants, vectors, vector spaces, and linear transformations. Students develop and solve mathematical models involving systems of linear algebraic equations and systems of linear differential equations. Students utilize graphing calculators and a computer algebra system.

Prerequisite: MAT 2532.

Fall

MAT 3220 - Probability

3 cr This is a calculus-based course introducing probability theory including discrete and continuous random variables and their probability distributions, multivariate probability distributions, functions of random variables, and limit theorems.

Prerequisite: MAT 2021, MAT 2532, MAT 2533

Fall

MAT 3230 - Mathematical Statistics

3 cr This calculus-based course is a continuation of *MAT 3220* including estimation theory, hypothesis testing, analysis of enumerative data, regression, analysis of variance, and nonparametric statistics.

Prerequisite: MAT 3220.

Spring

MAT 3250 - Applied Statistics

3 cr Methods of analyzing univariate and multivariate data using statistical packages including Minitab, SPSS, and SAS. Topics include descriptive statistics for univariate and bivariate data, basic properties of multivariate distributions, multivariate linear regression, principal component analysis for dimension reduction, factor analysis, canonical correlation analysis, discrimination and classification, and simple multiple series models.

Prerequisite: MAT 2022 or MAT 3230.

Fall

MAT 3310 - Differential Equations

3 cr This course is a study of first and higher order differential equations with many applications to science. Students explore analytical and numerical solution methods for ordinary and partial differential equations including series solutions and special functions for the solution of ODEs and the use of Fourier series to solve PDEs. Laplace transforms and numerical methods for solving ODEs and PDEs are introduced.

Prerequisite: MAT 2532 and MAT 3210.

Spring

MAT 3410 - Foundations of Mathematics

3 cr This course is an introduction to mathematical proof and serves as a bridge from elementary courses to more advanced mathematics. Students explore fundamental ideas in logic, sets, the theory of numbers, relations and functions.

Prerequisite: MAT 1531 and MAT 2532.

Fall

MAT 3810 - Internship in Mathematics

1-12 cr *Signed contract required at time of registration.*

MAT 3820 - Mathematics Tutorship

1-3 cr A supervised experience in individual instruction. To include reading and discussion of individualized instructional systems as well as an actual tutorial experience in MAT 0190 or in a 1000's or 2000's level Mathematics course.

Prerequisite: Invitation of the Mathematics Department.

MAT 3900 - 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.

Signed contract required at time of registration.

Prerequisite: Consent of department chair.

MAT 3910 - Independent Foreign Study in Mathematics

Credits to be arranged. Registration by permission of department chair only.

Signed contract required at time of registration.

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 4035 - Teaching Secondary Mathematics II

3 cr As a continuation of MAT 3035, Teaching Secondary Mathematics, this course concentrates on in-depth mathematics instruction, multiple assessment techniques, Vermont Frameworks, and National Council of Teachers of Mathematics Standards preparing students to become secondary mathematics instructors. A strong emphasis is placed on the appropriate usage of technology in mathematics instruction. Students shall construct, revise, and execute lesson and unit plans in mathematics. This course fulfills three pedagogy lab credits in secondary mathematics. MAT 3035 or consent of the instructor.

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.

Prerequisite: 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 This course is an introduction to the principles and concepts of modern abstract algebra. Topics will include groups, rings, and fields with applications to number theory, the theory of equations, and geometry.

Prerequisite: MAT 2533, MAT 3210 and MAT 3410, or consent of instructor.

Spring

MAT 4140 - Geometry

3 cr This course includes a review of Euclidean geometry and an introduction to non-Euclidean geometries including finite geometries and systems of axioms, classical theorems and elementary transformations.

Prerequisite: MAT 3210.

Spring

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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: 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. NOTE: Computer related courses require payment of a materials charge.

Hours by arrangement.

Prerequisite: Consent of department chair.

Music

MUS 1010 - Music Appreciation

3 cr A course in music listening. An overview of various styles, genres, historical periods, and cultures. Through guided listening and reading, students become familiar with the elements of music and develop an appropriate vocabulary for describing and discussing music.

\$20.00

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. Music majors may test out of this course.

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. Music majors may test out of this course.

Fee \$10.

Spring

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.

Fee, \$20.

Every Semester

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.

Spring

MUS 1091 - Sight Singing and Ear Training I

3 cr Students develop skills in the recognition and singing of basic pitch and rhythm materials, and the realization of these materials in standard music notation.

Prerequisite: Consent of instructor.

Fee \$10.

Fall

MUS 1092 - Sight Singing and Ear Training II

3 cr Further development of skills in the recognition and singing of basic pitch and rhythm materials, and the realization of these materials in standard music notation.

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 Collegiate Chorale is comprised of music majors, minors, and non-majors, bringing a wealth of diversity and energy to the ensemble. Chorale activities include concerts each semester at Castleton, choir retreats, a regional tour in the spring, and an international tour with other department ensembles every four years. The Chorale performs a wide repertoire from different eras and cultures, and combines with community instrumentalists to perform works of a larger scale. The Collegiate Chorale has done performances and workshops with noted artists including Francois Clemmons, Esau Pritchett, and Robert DeCormier. A voice placement is required for entrance. May be repeated for credit.

Fee \$ 50.

Every Semester

MUS 1211 - Vocal Technique in the Choral Ensemble

0-1 cr This course is designed for students who would like to improve their vocal skills in a small group setting and receive extra help learning choral repertoire. Students will explore and develop fundamentals of vocal technique, from breathing to tone

production, and apply these skills to choral repertoire appropriate for college, community, and church choirs. With instructor permission, Music Education majors with strong skills may take the course as mentors and teaching assistants.

MUS 1220 - Wind Ensemble

0-1 cr The Castleton State College Wind Ensemble is one of the major performing ensembles on campus. The Wind Ensemble performs works in the traditional wind band repertoire as well as contemporary works of various styles. The ensemble is open to all instrumentalists at the college and select community members with a placement audition required at the beginning of the fall semester. The Wind Ensemble performs at fall commencement, spring concerts, and at local schools. May be repeated for credit. Variable credit.

Fee \$50.

Every semester

MUS 1230 - Jazz Ensemble

0-1 cr The Castleton Jazz Ensemble is a high power big band. The group performs all genres of big band music including Swing, Be-Bop, Rock, Fusion, and Funk. Student arrangements and compositions are often featured. The group is open to all students; instrumentation includes: trumpets, saxophones, trombones and rhythm section (bass, keyboard, guitar and drums). The group performs on and off campus each semester. May be repeated for credit.

Fee \$50.

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. Music Majors may test out of this course.

Fee \$10.

Spring

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.

Fall

MUS 1240 - Applied Music - Flute

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1250 - Applied Music - Oboe

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1260 - Applied Music - Bassoon

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1270 - Applied Music - Clarinet

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1310 - Applied Music - Saxophone

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1320 - Applied Music - Trumpet

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1330 - Applied Music - French Horn

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1340 - Applied Music - Trombone

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1350 - Applied Music - Tuba

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1360 - Applied Music - Percussion

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1370 - Applied Music - Violin

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or

dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1410 - Applied Music - Viola

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1420 - Applied Music - Cello

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1430 - Applied Music - String Bass

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1440 - Applied Music - Piano

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1460 - Applied Music - Classical Guitar

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1466 - Applied Music - Electric Guitar

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1467 - Applied Music - Electric Bass

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1470 - Applied Music - Voice

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1475 - Applied Music - Euphonium

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 sponsored by or as designated by the department. Students are required to perform on recitals, prepare juried examinations and proficiency examinations. Reserved for music majors and minors only. NOTE: See music department for enrollment form and consent. May be repeated for credit. Course may NOT be added or dropped after the second week of classes.

Fee \$350 per credit.

Every semester.

MUS 1510 - Spartan Drumline

0-1cr The Spartan Drumline is comprised of music majors, minors, and non-majors. Students will practice and perform on marching percussion, as well as learn techniques appropriate to the instrumentation of the ensemble. Enrollment is limited to those with previous musical experience, not limited to percussion, or instructor's consent. Activities may include participation in selected winter athletic contests as well as various campus events. The drumline is an extension of The Spartan Marching Band, and may be repeated for credit.

Lab fee \$ 50.

Every semester

MUS 1520 - Spartan Marching Band

0-1 cr The Spartan Marching Band is comprised of music majors, minors, and non-majors. Students will practice and perform in a uniformed collegiate marching band, as well as learn techniques appropriate to the instrumentation of the ensemble. Enrollment is limited to those with previous musical experience, or instructor's consent. Activities will include participation in home football contests, various campus events, and possible parades. The Spartan Marching Band may be repeated for credit.

Lab fee \$ 50.

Fall

MUS 1530 - Spartan Spirit Band

0-1 cr The Spartan Spirit Band is comprised of music majors, minors, and non-majors. Students will practice and perform at athletic events for select men's and women's basketball and hockey. Enrollment is open to everyone with previous musical experience, or consent of the instructor. The Spirit Band is an extension of The Spartan Marching Band, and may be repeated for credit.

Lab fee \$ 50.

Spring

MUS 1550 - Jazz Combos

0-1 cr The Jazz Combos at Castleton are small ensembles consisting of four to eight members in which the students learn improvisational skills through the performance of classic jazz standards.

Every Semester.

MUS 1730 - Special Performance

1 cr Designed for the student engaged in musical activities not otherwise sponsored by the Music Department.

Prerequisite: Permission of the Music Department. May be repeated for credit.

MUS 1740 - Applied Performance Coaching

1 cr Individual musical performance coaching with a chamber music specialist and/or professional accompanist. Must be taken concurrently with the applied lessons in the primary applied area. May be repeated for credit.

Fee \$350.

MUS 2020 - Instrumental and Vocal Arranging

3 cr This course covers elementary techniques of arranging for instruments and voices, including ranges, transpositions, and idiomatic usage.

Prerequisite: MUS 1231 or consent of instructor.

Spring

MUS 2030 - Early Field Experience in Music Education

1 cr This course is designed to provide music education students with an opportunity to observe teachers and children in the school environment. It should be taken concurrently with MUS 1090. A minimum of 30 hours of field observation, study and participation are required. Pass/No Pass.

Prerequisite: MUS 1090 or concurrent enrollment.

Spring

MUS 2031 - History of Western Music: Ancient to Baroque

3 cr A study of the forms and styles of music from medieval chant to the music of Bach. An emphasis is placed on experiencing the music through listening and, where possible, participation.

Prerequisite: MUS 1231, MUS 1232 or consent of instructor.

Fall, odd years

MUS 2032 - History of Western Music: Classical to Modern

3 cr A study of Western music from Mozart and Haydn to the present.

Prerequisite: MUS 1232 or concurrent enrollment.

Spring, even years

MUS 2051 - Conducting I

3 cr Basic elements of conducting skills explored through practical application. Two class periods.

Spring

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.

Fall

MUS 2060 - Introduction to Exceptional Populations in Music Education

3 cr This course examines the development and special needs of children and adolescents who have mental retardation, learning disabilities, speech and language disorders, emotional disturbance, physical disabilities, sensory disabilities, intellectual giftedness and talents, or other exceptionalities. The evolution of special education law and its implications for inclusion of exceptional students into music classroom environments is also investigated.

Fall, even years

MUS 2110 - Vocal Pedagogy

2 cr Tone production, breathing, diction, intonation, and similar vocal problems are explored.

Spring, even years

MUS 2115 - Jazz Pedagogy

2 cr The class focuses on the practical and musical aspects of teaching jazz from elementary general music to high school vocal and instrumental jazz ensembles. Subjects studied include the history of jazz, significant performers and composers, vocal and instrumental ensemble setups, rehearsal techniques, repertoire, rhythm section techniques, equipment, recommended recordings, and teaching rationales.

Fall, odd years

MUS 2120 - String Instrument Teaching Methods

2 cr Basic techniques of violin, viola, cello and double bass. Selection and presentation of teaching materials.

Prerequisite: MUS 1231 or concurrent enrollment.

Fee: \$30.

Spring, Even Years

MUS 2130 - Woodwind Instrument Teaching Methods

2 cr Description: Basic techniques of flute, oboe, clarinet, saxophone and bassoon. Selection and presentation of teaching materials.

Prerequisite: MUS 1231 or concurrent enrollment.

Fee \$30.

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.

Prerequisite: MUS 1231 or concurrent enrollment.

Fee: \$30.

Spring, Odd Years

MUS 2230 - Woodwind Quintet

0-1 cr This course involves development of performance skills through the study of woodwind quintet literature of varying historical and compositional styles and levels of difficulty. Attention will be given to ensemble competencies such as tuning, balance, sight reading, and interpretation. Coursework will culminate in a public performance.

Fee: \$25.

Every semester

MUS 2240 - Percussion Instrument Teaching Methods

2 cr Basic techniques of snare drum, tympani, mallet instruments and other instruments of the percussion battery. Selection and presentation of teaching materials.

Prerequisite: MUS 1231 or concurrent enrollment.

Fee \$30.

Fall, Even Years

MUS 2313 - Music Theory III

3 cr More intensive exercises in part-writing, composition and counterpoint.

Prerequisite: MUS 1231 and MUS 1232 or consent of instructor.

Fee \$10.

Spring

MUS 2314 - Music Theory IV

3 cr Intensive study of chromatic harmony and Twentieth Century composition techniques.

Prerequisite: MUS 1231, MUS 1232, MUS 2313 or consent of instructor.

Fee \$10.

Fall

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.

Fall, even 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.

Fall, odd 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 3400 - Applied Conducting

1 cr *Prerequisite: Conducting I and II, permission of instructor.*

Lab fee \$ 350.

Every semester

MUS 3450 - Instructional/Music 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, music specific applications, multi-disciplinary integration, and an introduction to multi-media (experience with a word processor is recommended).

Fall, even years

MUS 3900 - Independent Foreign Study in Music

Credits to be arranged. Registration by permission of department chair only.

Signed contract required at time of registration.

MUS 4110 - Chamber Singers

0-1cr The Castleton Chamber Singers is a select SATB ensemble dedicated to preparing high quality repertoire suitable for chamber choir. The Chamber Singers perform a variety of works from Renaissance Motets and Madrigals, to Contemporary Choral Literature. Performances include concerts and tours with the Collegiate Chorale, special events, and off-campus venues. Membership is open to Collegiate Chorale members by audition in the fall and spring. May be repeated for credit.

Fee \$30.

Every Semester

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.

Prerequisite: 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. 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.

Signed contract required at time of registration.

Prerequisite: Approval of department and orchestra or performance group. May be repeated for credit.

MUS 4871 - Directed Student Teaching 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 pre K-12 Music must apply, qualify, and be admitted to student teaching. This course is taken concurrently with MUS 4872 and MUS 4610.

Prerequisite: Completion of required major courses and GPA, departmental recommendation, professional and intellectual competencies as stated within the application requirements.

Spring

MUS 4872 - Directed Student Teaching II

6 cr This course is an extension of student teaching in music for licensure in pre K-12 Music. This course must be taken concurrently with MUS 4871 and MUS 4610.

Spring

MUS 4900 - Independent Study

1-3 cr Hours by arrangement. May be repeated for credit.

Signed contract required at time of registration.

Prerequisite: Consent of department chair

Nursing

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 hours of class, four hours clinical, and two hours of lab weekly.

Co-requisite: BIO 2011.

Lab fee \$97.50 to cover name badge, uniform patches, lab kit, testing, and program materials.

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 hours of class, seven hours of clinical, and two hours of lab 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: \$85 to cover student lab kit, testing, and program materials.

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.

Co-requisite: NUR 2112.

Spring

NUR 2111 - Reproductive, Family, and Mental Health Nursing

10 cr Designed for students who have completed study in the foundations of nursing, the focus of this course is on meeting the basic needs of specialty populations. The focus begins with the care of women, newborns, and their families through study of sexual health, fertility, pregnancy, the birthing processes, and the immediate postpartum period. Care of pediatric patients with acute and chronic illness will also be explored. The second half of the course will provide intensive study in the area of mental health establishing a foundation for both normal and abnormal psychological processes. Each area of study will be complimented by lab and clinical experiences in the specialty area. Students will maintain and promote health through application of the Nursing Process. Emphasis is placed on setting priorities for care. The student develops and implements teaching plans designed to support and restore health. Five hours of class, eight hours clinical, and two hours of lab weekly.

Prerequisite: NUR 1212, BIO 2011, and BIO 2012. A grade of "C" or better must be received on each prerequisite course. Lab fee \$125 to cover lab kit, testing, computer assisted instruction materials, and program materials."

Fall

NUR 2112 - Nursing of Adults with Acute and Chronic Disorders

10 cr Designed for students who have completed NUR 1211, NUR 1212, and NUR 2111. The focus is on the study of chronic and acute health problems. Emphasis is placed on meeting the basic needs of patients with serious illness through analysis of the Nursing Process. The role of the associate degree nurse as 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 the opportunity to perform nursing skills in an environment that fosters increasing independence. Intensive guided learning experience in the acute care setting is correlated with classroom theory and skills lab application. Upon completion of the course and related general education requirements, the graduate is eligible to take the National Council Licensure Exam, RN and assume the three interrelated roles of the associate degree nurse.

Five hours of class, sixteen hours clinical, and two hours of lab weekly.

Prerequisite: NUR 2111, BIO 2011, BIO 2012, BIO 2125. A grade of "C" or better must be received on each prerequisite course.

Fee of \$115 includes testing, lab pack, program materials, and Nursing Pin.

Spring

NUR 3010 - Health Promotion and Protection

3 cr This course focuses on a variety of biological, psychosocial, spiritual, and cultural patterns that influence the health of individuals across the lifespan. Health values and beliefs are examined to determine the impact of individual attitudes and practices on overall health status. Assessment of relevant health data and selected risk factors provide the opportunity to develop and evaluate health promotion plans and protection measures. Health promotion models, concepts, and theories are critiqued as frameworks for developing intervention strategies to improve health, reduce risk, and protect the well-being of individuals and groups. Emphasis is on the nurse as patient advocate, change agent, and participant in political activities and public policy decision-making related to the delivery of quality health care. Discussions of current health promotion and health protection topics based on relevant research enhance the communication and critical thinking skills of students.

Prerequisite: NUR 2111, NUR 2112.

Fall

NUR 3020 - Transition to Professional Nursing Practice

3 cr This course focuses on the role of the professional nurse from an evolutionary perspective. Educational, organizational, philosophical, and practice trends are explored. The impact of interdisciplinary and multidisciplinary approaches on the socialization and re-socialization of the professional nurse in practice is emphasized. Through a written philosophy of nursing, each student will have the opportunity for personal reflection on the profession and the role of the professional nurse within the dynamic system of health care delivery. Students will also explore methods to achieve personal and professional fulfillment.

Prerequisite: NUR 2111, NUR 2112, NUR 2020.

Spring

NUR 3030 - Health Assessment

3 cr This course uses a systems perspective to broaden the student's knowledge of physical, cultural, psychosocial, and nutritional aspects of health assessment of individuals across the lifespan. Laboratory and clinical settings are used to acquire and refine the techniques of physical assessment. Critical thinking skills are emphasized in the identification of risk factors and other variables affecting health patterns. A focus is placed on therapeutic communication skills for effective interviewing and history taking, which are essential in the collection of health assessment data. Students are expected to perform accurately systematic, comprehensive health assessment and a critical analysis of assessment data.

Prerequisite: NUR 2111, NUR 2112, RN licensure.

Fall

NUR 3040 - Pathophysiology

3 cr This course offers an introduction to the basic concepts of pathophysiology. Students examine the phenomena that produce alterations in human physiologic functioning and the resulting human response. Commonly encountered diseases and disorders are covered in detail including such important topics as genetics/heredity, immune system problems, inflammation and infection, endocrinology, and malignant processes. The etiology and progression of disease and disorder states are examined from the micro (cellular) and macro (organ) level. Students must have an understanding of normal functions of body systems in order to understand the abnormal functions and manifestations of the disease process; therefore Human Anatomy and Physiology I and II are prerequisites.

Prerequisite: NUR 1211, NUR 1212, BIO 2011, BIO 2012, BIO 2125.

Fall

NUR 3050 - Pharmacology for Nurses

3 cr This transitional course assists the student to examine the practical aspects of pharmacology in relation to daily nursing practice in the health care environment. The content is presented according to body systems. Mechanism of action, indications, dosage, availability of drugs, drug interactions, and special nursing considerations will be considered for each classification. Emphasis will be placed on providing current clinical information to enable the student to understand the rationale for drug therapy, including cultural and lifespan considerations.

Prerequisite: NUR 1211, NUR 1212.

Fall

NUR 3510 - Nursing Research

3 cr This course introduces the student to the development of nursing as a science. An understanding of the major steps of the research process fosters the acquisition of analytical thinking, problem solving, and critical appraisal skills. Students are guided in the assessment and evaluation of both quantitative and qualitative research methodologies as the basis for evidence-based nursing practice.

Prerequisite: NUR 1211, NUR 2112, MAT 2021

Spring

NUR 4010 - Family Health Nursing

3 cr The focus of this course is on the family as client. The framework for investigation and assessment is family systems theory combined with a development life-cycle approach. Cultural, ethnic, racial, religious, and socioeconomic variables that strongly influence family life are identified and analyzed. Advanced communication skills and critical thinking are emphasized as students are challenged to critique current family theory and research for the planning of nursing interventions with client families.

Prerequisite: NUR 2111, NUR 2112

Spring

NUR 4020 - Principles of Patient Teaching and Learning

2 cr This course provides comprehensive coverage of the essential components of the education process and the principles of teaching and learning. Emphasis is placed on preparing students to assess, teach, and evaluate learners at all stages of development based on their learning needs, learning styles, and readiness to learn. Although the theories and concepts addressed can be applied to any audience of learners, the focus is on patient education.

Prerequisite: NUR 1211, NUR 2112

Spring

NUR 4030 - Management and Leadership in Nursing

3 cr This course addresses the professional role of the nurse as manager and leader within the health care environment. The complex factors involved in the management and leadership function of the professional nurse are examined. Selected management and leadership models, concepts, and theories are explored. Emphasis is placed on ethical decision-making and on the development of communication and interaction skills essential to effectively working with groups and organizations. A clinical practicum experience provides the student with the opportunity to apply concepts, theories, and principles to the management and leadership role of the professional nurse in the practice setting.

Prerequisite: NUR 2111, NUR 2112, RN licensure.

Spring

NUR 4510 - Community Health Nursing

6 cr This capstone course focuses on the theory and practice of community health nursing. It blends the components of public health science, which incorporates the principles of epidemiology, and the art and science of nursing. The emphasis is on the global community as the client for a population-focused practice of nursing. Students conduct assessments of individuals, families, and groups to identify health needs and commonly encountered health problems within populations. Research-based findings are critically examined and applied in the process of planning, implementing, and evaluating nursing interventions at the primary, secondary, and tertiary levels of prevention. Using the many community-based resources available for nursing practice, students are provided the opportunity for service learning in a wide variety of settings with an overall goal of improving the overall health of the community.

Prerequisite: NUR 2111, NUR 2112, RN licensure.

Spring

Outdoor Educational Recreation

Other relevant courses may be found under Physical Education.

OER 1131 - Rock Climbing

1 cr *Fall (First Half of Semester), Spring (Second Half of Semester)*

OER 1133 - Rock Climbing and Rappelling

1 cr Fall (First Half of Semester), Spring (Second Half of Semester)

OER 1150 - Winter Recreation and Camping

2 cr Additional course fee. Please refer to the individual semester offerings for specific fees.
Spring Full Semester*

OER 1170 - Ice Climbing

1 cr 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 Telemark 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 1210 - Orienteering and Camping Skills

2 cr Additional course fee. Please refer to the individual semester offerings for specific fees.

Fall Full Semester

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 1225 - Wilderness Canoe Tripping

1 cr This class investigates the art of canoeing, through the lens of a wilderness canoe trip leader. Students learn to assess risk and manage it accordingly on a multi-day paddling trip. This involves group management, diverse paddling strategy, choosing and packing appropriate gear, camp set up, menu planning and cooking, route finding, canoe rescue and maintenance. The class

culminates with a three-day paddling expedition in the Northeast wilderness. Each student leaves the course confident in his/her ability to lead a multi-day canoe trip through a variety of water types, including flat and white water. Students have the ability to appropriately instruct and monitor a group as they prepare for and engage in a canoe expedition.

Fees: \$125.

Spring y

OER 1230 - Introduction to Mountain Biking

1 cr This course gives the beginning mountain biker the basic skills necessary to navigate off road terrain. The student will be introduced to basic gear shifting, braking and bike control/handling. Students will be exposed to climbing and downhill techniques. A review of bike maintenance is included. Equipment is provided.

Fees: \$50.

Fall

OER 1240 - Fly Fishing

1 cr This course introduces the student to the basics such as how to cast, fly selection, what to expect, how to read water, trout behavior, how to dress trout and trout identification. Basic fly tying techniques are covered. Equipment is provided and students must be available for a few weekend day trips.

Fee: \$75.

Fall (First Half of Semester)

OER 1320 - Back Country Skiing and Snowboarding

1 cr This is a course for the skier or snowboarder who is ready to take their sport to the next level. Through hands on experience and engaging lecture and slide shows, the student will be given the knowledge to leave the groomed trail and enter into the back country and all it has to offer. The focus will be on wilderness touring and off resort alpine environments. The class will end with an overnight back country excursion. This class will prepare you for a career in winter wilderness recreation or a lifetime of back country endeavors. Two trips will be available, an alpine trip for snowboarders and alpine skiers and a wilderness ski touring trip.

Prerequisite: Ability to ski or snowboard at an advanced level and access to winter camping equipment highly recommended.

Fee \$75.

Spring

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 This 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 g, 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

OER 2220 - Theory of Outdoor Leadership

2 cr This course provides an in depth understanding of industry standard leadership practices in the field of outdoor recreation. Students will have the opportunity to apply the leadership skills and theories discussed throughout the course in a practical setting. A large focus will be directed towards program planning, environmental stewardship, expedition behavior and effective teaching styles.

Fall

OER 2310 - Winter Mountaineering

3 cr This course provides essential information for survival and adventure in the wild during the winter months. Included is the study of living and survival, food preparation, shelter construction and group dynamics during winter expeditions. The class will combine lecture with hands on instruction. Included are required trips that include weekend and semester vacations. Equipment is provided.

Fee: \$125.

Spring

Physical Education

Other relevant courses may be found under Allied Health Sciences.

PED 1015 - Introduction to Health and Physical Education

3 cr This course is an introduction to the profession of physical education and health education. Discussion of physical education and health education history, philosophy and ethics, career opportunities, recreation, and athletics are included.

Fall

PED 1040 - Archery

1 cr *Fall (First Half of Semester)*

PED 1060 - Water Safety Instruction

2 cr *Spring Full semester*

PED 1070 - Fitness Swimming

1 cr Main objectives of fitness swimming include: 1) refining and enhancing stroke techniques, 2) improving cardiovascular fitness (aerobic capacity), muscular strength, and muscular endurance, and 3) providing students with the skills and ideas to encourage competency in designing their own swimming work-outs.

Fall y, Spring y

PED 1140 - Yoga

1 cr *Frequently*

PED 1160 - Tennis

1 cr *Additional course fee. Please refer to the individual semester offerings for specific fees.*

Fall (First Half of Semester), Spring (Second Half of Semester)

PED 1170 - Jogging

1 cr *Fall (First Half of Semester), Spring (Second Half of Semester)*

PED 1180 - Golf

1 cr *Additional course fee. Please refer to the individual semester offerings for specific fees.
Fall (First Half of Semester), Spring (Second Half of Semester)*

PED 1210 - Badminton

1 cr *Additional course fee. Please refer to the individual semester offerings for specific fees.
Fall (First Half of Semester), Spring (Second Half of Semester)*

PED 1220 - Basketball

1 cr *Spring (First Half of Semester)*

PED 1230 - Softball

1 cr *Spring (First Half of Semester)*

PED 1240 - Soccer

1 cr *Fall (First Half of Semester)*

PED 1250 - Indoor Soccer

1 cr *Spring (First Half of Semester)*

PED 1260 - Therapeutic Massage

1 cr *Periodically*

PED 1270 - Martial Arts

1 cr *Fall (First Half of Semester), Spring (Second Half of 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 1290 - Lacrosse

1 cr This course is an introduction to the game of lacrosse. Participants learn the basic skills of the game including passing, catching, ground ball pick ups, cradling, shooting, defending and conditioning as well as strategies of play, rules, and game

formations. A variety of drills are used to teach and improve basic techniques early in the course and progress toward game play. The course touches upon the differences between the men's game and the women's game, but the course is designed and played more like the women's game (without direct contact and use of helmets and other necessary equipment as in the men's game). Video is used to show both the men's and women's game.

Spring y

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 1360 - Introduction to Ice Hockey

1 cr This course is designed to teach the novice skater to play the game of ice hockey. Included is basic skating technique, stick handling and puck control, shooting and basic positioning. Helmets, gloves and sticks must be supplied by the student. It is possible to get skates at Rutland Regional Fieldhouse where the class is held. Student must supply their own transportation to Rutland Regional Fieldhouse.

Fees: \$100.

Fall y, Spring First Half of Semester

PED 1410 - Reiki Plus

1 cr REIKI is a complement to other therapies, never intended to replace conventional medical care, will not interfere with other modalities, can do no harm and is based on intention. REIKI is not a massage modality, but works on the Autonomic Nervous System, addressing mind, body spirit and is taught "hands-off." The class includes Level I and II REIKI attunements, additional training in smudging, dowsing, muscle testing, crystals, chakras, and singing bowls.

Fall First Half of Semester, Spring First Half of Semester

PED 1710 - Field Hockey

1 cr An introduction to the sport of field hockey including skills, rules, officiating, lead-up games and coaching drills. Game strategy and conditioning is included.

Spring Second Half of Semester

PED 2010 - Beginning Swimming

1 cr *Fall (First Half of Semester), Spring (Second Half of 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 2050 - Volleyball

1 cr *Fall (First Half of Semester/Second Half of Semester), Spring (First Half of Semester/Second Half of Semester)*

PED 2055 - Coaching Volleyball

3 cr This course investigates the fundamental principles and techniques of coaching volleyball. The student learns strategies for developing a coaching philosophy, coaching techniques, practice planning, game tactics, the rules of the sport and general team management.

PED 2070 - Conditioning

2 cr *Full Semester*

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 (First Half of Semester), Spring (Second Half of Semester)

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

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 2130 - Horsemanship

1 cr *Additional course fee. Please refer to the individual semester offerings for specific fees.*

Fall (First Half of Semester), Spring (Second Half of 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 2150 - Emergency Water Safety

1 cr *Spring (First Half of Semester)*

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 2170 - Lifeguarding

2 cr *Spring, Full 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, offense 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 2210 - Physical Methods of Stress Management

1 cr *Fall (First Half of Semester/Second Half of Semester), Spring (First Half of Semester/Second Half of Semester)*

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 2230 - Beginning Scuba

1 cr *Additional course fee. Please refer to the individual semester offerings for specific fees.*

Periodically

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 2250 - Timid Swim

1 cr *Spring (First Half of Semester)*

PED 2260 - Gymnastics/Stunts and Tumbling

1 cr *Fall (Second Half of Semester)*

PED 2270 - Racquetball

1 cr *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 2350 - White Water Rafting

1 cr *Additional course fee. Please refer to the individual semester offerings for specific fees.*

Spring (Second Half of Semester)

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 2390 - Coaching Football

3 cr This course is designed to develop knowledge in the many aspects of coaching football. Included are offensive and defensive positions, stances, job descriptions, formations, schemes, play calling, fronts, coverages, blitzes and stunts. Students learn to use self-scout and opponent video breakdown analysis as it is used for practice and game planning. The terminology, philosophy, strategy, and rules of football are emphasized.

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.

Prerequisite: PED 1150 and PED 2420.

Spring

PED 2420 - Foundations of Teaching Health and Physical Education

3 cr This course gives students the opportunity to discover the science and art of teaching. Students, through a field-based experience, observe and reflect upon the act of learning in physical education and/or health education at the elementary, and/or secondary levels. Included is 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 professionalism, 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. A law enforcement background check completed at the student's expense may be required. Personal transportation is required.

Prerequisite: Minimum grade of C+ in PED 2015 or permission of the instructor

PED 2430 - Advanced Scuba

1 cr This course is conducted using course standards and materials through the Professional Association of Diving Instructors (PADI). The PADI Adventures in Diving course, which leads to the Advanced Open Water certification, provides divers with a structured means to explore special diving interests and gain dive experience. This program allows student divers to customize their training path and learn various underwater skills that broaden their awareness of the environment and their capabilities as divers. Students are assessed by demonstrating that they meet measurable learning objectives through the concept of performance-based learning. The course combines classroom, pool, and open-water participation to successfully meet certification requirements. Other topics in the course include diver safety, the aquatic environment, health for diving, programming, teamwork, presentation skills, and research projects. Students will learn about the many career opportunities that are available in the dive industry.

Fee: \$400.

Fall Second Half of Semester, Spring First Half of Semester

PED 2440 - Health and Lifestyle Coaching

3 cr If you could change one thing in your life, what would it be? This course will move you forward in a simple, step by step, fail-safe approach toward even more life fulfillment and healthy living, with the assistance of a certified "circle of life coach" and guidebook. Being a part of this group allows you to come up with better ideas to solve roadblocks, provide the motivation to

persist with the goals you set for yourself and pursue and attain even bigger dreams. Students will be exposed to the exploding field of “lifestyle coaching.”

Periodically

PED 2450 - Girls on the Run and Track

1 cr This course involves participating in an experiential learning program that is designed for girls 8-13 years of age. The curriculum centers on encouraging making smart, healthy choices and includes training for a 5K (3.1 mile) run/walk. Student Volunteers commit to two after-school meeting days from mid-March to Mid-May. All students interested in healthy adolescent development and physical activity are welcome.

Spring (Second Half of Semester)

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.

Prerequisite: PED 1350 and Sophomore standing.

Every semester

PED 2810 - Internship in Physical Education

See section on (Individualized Educational Experiences.

Signed contract required at time of registration.

Prerequisite: Permission of department chair.

PED 2910 - Independent Study in Physical Education and Athletics

1-3 cr Hours by arrangement.

Signed contract required at time of registration.

Prerequisite: Permission of department chair.

PED 3040 - Psychological Aspects of Exercise

3 cr This course will review theories and models about physical activity, exercise and fitness behavior from a psychological perspective. Class discussion will center on topics such as: exercise motivation, physical activity and mental health, physical self-perception, determinants of physical activity, adherence to exercise, interventions, and reinforcement of healthy behavior, e.g., self-confidence, self-efficacy. Emphasis will be placed on exercise psychology from a behavioral medicine perspective and on exercise behaviors of people of all ages with a range in physical activity experience.

Periodically

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

4 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.

Prerequisite: PED 2410 and permission of instructor.

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.

Prerequisite: PED 2410 or and PED 2420 or permission of the instructor.

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.

Prerequisite: PED 2410

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.

Prerequisite: PED 1350, junior standing.

Spring

PED 3140 - Methods of Teaching Secondary Physical Education

4 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.

Prerequisite: PED 2410 and permission of the instructor.

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.

Prerequisite: 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.

Prerequisite: PED 1350 and junior standing.

Fall

PED 3210 - Sports Promotion

3 cr The course examines the promotion and marketing of sports activities, organizations and sports equipment. Topics covered are careers in sports marketing, product concepts, promotion of events, broadcast rights and sponsorship programs. Special attention is paid to how sports promotion fits into the sports administration profession.

Prerequisite: BUS 2230.

Fall

PED 3320 - Teaching Team and 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.

Prerequisite: PED 2320, PED 2410 and PED 2420

Lab fee \$20.

Fall

PED 3900 - Independent Study in Physical Education and Athletics

1-3 cr Hours by arrangement.

Signed contract required at time of registration.

Prerequisite: Consent of the department chair.

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 4050 - Drug and Alcohol Curriculum

3 cr This course explores the issues of alcohol and drug education in elementary and secondary education related to the formation and implementation of a comprehensive education program designed to decrease drug misuse and abuse. This course exposes students to various methods of teaching topics related to the use of alcohol and drugs in today's society.

Fall

PED 4110 - Strategic Sport Management

3 cr Students assess the strategic management cycle and decision-making processes utilized in considering alternatives, choice and the evaluation of strategy as it applies to sporting organizations. It also includes case study analysis of national and international sport and non-sport organizations. Links between decision-making, leadership, culture and ethical behavior in relation to strategy formulation are also examined. Restrictions: Junior and Senior Sports Administration Majors.

Prerequisite: PED 1350.

Fall

PED 4120 - Advanced Event Management

3 cr This course prepares students to organize and promote grassroots and major sporting events. Students learn about event management and then gain practical experience through event marketing and sponsorship, volunteer recruitment, and event operations.

Prerequisite: PED 3130.

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 PED 4872. Pass/No Pass.

Every semester.

PED 4810 - Internship in Physical Education

1-12 cr See section on Individualized Educational Experiences.

Signed contract required at time of registration.

Prerequisite: Permission of department chair.

PED 4811 - Internship in Sports Administration

9-12 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. 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.
Signed contract required at time of registration.
Prerequisite: Consent of department chair.

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

Philosophy

PHI 1010 - Introduction to Philosophy

3 cr This course is a study of several major philosophical problems concerning reality, knowledge, and value, and the theories of some of the greatest thinkers on those problems. Topics to be studied include the nature of moral value, human happiness, social justice, the nature of mind, the problem of free will and determinism, our knowledge of the world, the existence of God, the problem of evil, and others. Readings are drawn from the works of such philosophers as Plato, Aristotle, Kant, Locke, and

Descartes.

Every semester

PHI 1020 - Critical Thinking

3 cr An examination of reasoning skills in ordinary language and argument as distinct from the formal techniques of logic.

PHI 1030 - Introduction to Logic

3 cr An examination of the principles of good reasoning through a study of deductive logic, inductive logic, and informal fallacies.

Every semester

PHI 1040 - Introduction to Ethics

3 cr This course is an introduction to philosophical problems about the nature of moral value, conduct, and character. Topics include problems in the nature of moral judgment and moral knowledge, theories of morally right action, and the practice of moral decision-making. Students will study selections from Aristotle, Mill, Kant, Nietzsche, Rawls, etc.

Fall

PHI 2010 - Comparative Religions

3 cr This course is a study of several major religions, Hinduism, Buddhism, Judaism, Christianity, Islam, and perhaps some African and Native American religious traditions. The philosophies of Taoism and Confucianism will also be considered. Special attention is given to religious 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.

Fall

PHI 2060 - Business Ethics

3 cr This course is an introduction to ethical problems in business. Included is a survey of theories of economic justice and the ethical implications of socialism and capitalism. Central moral problems include 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

PHI 2110 - Asian Philosophy

3 cr This course is a survey of the major philosophical traditions of Asia, to include Hinduism, Jainism, Buddhism, Confucianism, Taoism, Shinto, and Zen Buddhism. Included is an introduction to their mythology, art, music, and ritual as these exemplify philosophical ideas.

Periodically

PHI 2120 - Social and Political Philosophy

3 cr This course is a study of philosophical problems about society and politics. Problems to be addressed include: What is the nature of a good society? What is the purpose of government? What are justice, equality, and liberty? Thinkers to be studied include Plato, Aquinas, Hobbes, Locke, Rousseau, Mill, Marx, Nozick, and Rawls.

Periodically

PHI 2710 - 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, followed by 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 3011 from the seventeenth-century to the present. Philosophers studied include Spinoza, Descartes, Leibniz, Locke, Berkeley, Hume, Kant, Hegel, Mill, Nietzsche, Marx, Russell, and Wittgenstein, Quine, and Rorty.

Prerequisite: Previous course in Philosophy or consent of the instructor.

Periodically, Spring 2009

PHI 3020 - Medical Ethics

3 cr This course is a study of current ethical problems in medicine and health care. Topics include ethical problems about the doctor-patient relationship, problems at the end of life, the beginning of life, and problems concerning the health care system. Specific issues to be discussed may include abortion, euthanasia, new reproductive technologies, the rights and responsibilities of patients, doctors, nurses, and other health care professionals, and justice and the health care system.

Spring

PHI 3040 - Philosophy of Mind

3 cr A study of philosophical problems concerning the nature of the mind, including the mind-body problem.

Prerequisite: previous course in philosophy or consent of instructor.

PHI 3050 - Philosophy of Science

3 cr This course is a survey of philosophical problems in science including the nature of scientific method, scientific law, prediction, and explanation.

Periodically

PHI 3060 - Aesthetics

3 cr Aesthetics, or Philosophy of Art, is an examination of problems and theories of the nature of art and aesthetic value. Problems concern 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 This course is an examination of some traditional and current problems in metaphysics, including theories of the nature of reality- materialism, idealism, dualism- the problem of universals, the nature of causality, time and space, 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

PHI 3170 - Western Faiths

3 cr This course is a survey of the three major monotheistic religions of the West: Judaism, Christianity, and Islam. Particular attention will be given to the sects or divisions within Islam.

Prerequisite: PHI 2010 Comparative Religions is recommended, though not required.

Spring

PHI 3220 - Theory of Knowledge

3 cr A study of philosophical problems about the nature of knowledge, belief, and truth.

Prerequisite: previous course in philosophy or consent of instructor.

PHI 4510 - Seminar in Philosophy

3 cr An opportunity for faculty and advanced students in philosophy to concentrate on specific figures, issues, or periods in philosophy. Examples are Contemporary Philosophy, Seminar in Plato, Seminar in Existentialism, or Philosophy in Literature.

Prerequisite: previous course in philosophy or consent of instructor.

PHI 4620 - Senior Thesis in Philosophy

3 cr An opportunity for senior students in philosophy to study intensively on a philosophical subject in conjunction with a philosophy faculty member.

Prerequisite: senior student in philosophy.

Physics

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.

Periodically

PHY 1150 - Physics for Elementary Teachers

4 cr This course is designed especially for preservice elementary teachers. We focus on physics topics, demonstrations and activities appropriate for K-6 students. Material selection is based on the State of Vermont science education standards. The course emphasizes both mastery of the topics and effective methods of presentation to elementary students. We also explore the merit and role of science education. This course carries one pedagogy lab credit.

Lab fee \$40

Spring

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 include forces, motion, energy, and fluids. This course is intended for science majors and will emphasize problem solving and applications to other fields such as biology, chemistry, exercise science, geology and health science. 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.

Prerequisite: MAT 1320, MAT 1531 or 2021 or permission of the instructor.

Lab fee \$40.

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.

Prerequisite: PHY 2110.

Lab fee \$40.

Spring

PHY 2810 - 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 3810 - Internship in Physics

1-12 cr Signed contract required at time of registration.

PHY 4810 - Internship in Physics

1-12 cr Signed contract required at time of registration.

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

Other relevant courses may be found under Economics, Environmental Studies, Geography, Global Studies, and History.

POS 1010 - Introduction to Political Science

3 cr This course is an introduction to the discipline of Political Science and to the study of politics and government. We begin with basic questions regarding the impact of politics on human welfare, the nature of politics and government as authority and power relationships, and the issue of the relationship between individual and collective interest. We then analyze the institutions, processes, political cultures, and ideologies of the political and governmental systems of the U.S. and other countries, and their interaction in various global systems. Finally, we critically evaluate political outcomes.

Fall

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

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 2320 - U.S. Campaigns and Elections

3 cr This course concentrates on this year's presidential election process. We consider the institutions and processes of the electoral systems in the United States at the national, state and local levels. We analyze the effect of the structure of the electoral system itself, as well as the impact of political parties, interest groups, the media, campaign financing, political culture and ideology. And we examine how well the U.S. electoral system supports the principles and goals of democracy.

Fall 2012, Fall 2016

POS 2610 - Current Issues in U.S Politics

3 cr This course is an analysis of a number of important and controversial issues within the contemporary American political system from the perspectives of underlying ideologies, the impact of institutional structures, and the influence of various interest groups. We ask: How are political interests defined? Whose interests are served? Who decides?

Spring, 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

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

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 3320 - European Politics and Government

3 cr In this course, students examine a number of political systems of the European continent. We consider the governmental structures and political processes of Great Britain, France, Germany, Italy and Russia in detail. Then we briefly survey some elements of the post-Communist regimes in Eastern Europe, and conclude with a consideration of the significance and impact of the European Union.

Fall 2010, Fall 2013

POS 3420 - Congress and The Presidency

3 cr This course is an in-depth exploration of the legislative and executive branches of the U.S. government. The course is composed of three parts. The first part explores the general makeup and processes of Congress, the rules and committee structures of each chamber, and how committee rule and party organization shape the work of the chambers. The second part of the course explores the organization of the White House, the Cabinet, and the executive bureaucracy. Lastly, we explore how Congress and the President cooperate and compete in social policy, economic policy, and national security. In this exploration, the course highlights the policy preferences, ideological goals, political ramifications, and power motivations that shape cooperation and competition among the two branches in the course of governing.

Fall, odd years

POS 3510 - Research Methods

3 cr This course provides students with a broad understanding of how research is conducted in the discipline of Political Science. Students will become aware of a wide array of research tools available to address questions in the study of politics and government. More importantly, they will learn how to select the appropriate research tools based on the nature of the research question being addressed. The course begins with the study of how to frame research questions, formulate hypotheses, and then test hypotheses. Next, we explore the nature of data (quantitative and qualitative) and approaches in the rigorous collection of data. We also review many existing data sources for secondary analysis. Lastly, the course discusses the application of basic data analysis methods in the interpretation of data, from univariate descriptive statistics to logistic regression.

Prerequisite: MAT 2021.

Spring, 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 2013, Spring 2016

POS 4610 - Senior Seminar in Political Science

3 cr This research seminar allows students to develop and complete a research project in Political Science that evidences appropriate methodology and substantive knowledge. The completed project will be presented in both oral and written form.

Prerequisite: POS 3510 - Research Methods.

Spring

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

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 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 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 2280 - Positive Psychology

3 cr This course explores the meaning of work and play in people's lives from the standpoint of positive psychology. This subfield of psychology focuses on helping people understand and enhance their strengths and virtues so that they may lead fulfilling lives. Rather than the traditional psychological emphasis on mental health problems, positive psychology is about helping normal people become happier, more productive, and cultivate optimism. We explore the values people hold for work and play, while considering the challenges and rewards of "the good life."
Fall

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 psychophysiological 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 3265 - Child and Adolescent Development

3 cr This course surveys the major areas of the psychology of child and adolescent development, emphasizing an understanding of the important methods, terms, theories, and findings in the field of child development.

Every semester

PSY 3410 - Biopsychology

3 cr Biopsychology is the study of behavior as driven by the biology of the brain and the structure of the nervous system. Two main objectives of the course are: 1) to appreciate the complexity of sensory capabilities and abilities such as memory, judgment, coordination, and planning, and 2) to gain awareness of the spectrum of brain diseases and consequences of traumatic brain injury.

Prerequisite: BIO 2011 and BIO 2012.

Spring

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 the 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

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 4230 - Psychology of Rape

3 cr This course examines the crime of rape from a psychological and legal perspective. Topics include: why rape occurs, becoming a survivor of rape, whether rapists can be rehabilitated, serial rapists, prison rape, male victims of rape, and legal reform.

Prerequisite: PSY 3152 or consent of instructor.

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 Eiseley, 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 *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

Other relevant courses may be found under Biology, Chemistry, Geology, and Physics.

SCI 1220 - Science and Sustainability

3 cr Sustainability is a broad buzzword that seeks to redirect our view of man's use of Earth's resources to practices that will prolong or maintain their availability. For humans to live sustainability, the Earth's resources must be used at a rate at which they can be replenished. However, there is now clear scientific evidence that humanity is living unsustainably, and that an unprecedented collective effort is needed to return human use of natural resources to within sustainable limits. This course explores what science has to offer as we consider mankind's needs for energy, food and raw materials to support a growing population and nation building. Global problems will be balanced with a discussion of local issues that are key to the success of Vermont, New England and America. This course is intended for non-science majors but majors are welcome.

Periodically

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).

Periodically

SCI 2210 - Introduction to Geographic Information Systems

3 cr (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

Sociology

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 ruralurban 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 2260 - Demographics and Diversity

This course will identify the major demographic trends in the United States. The course will utilize a demographic perspective to examine the following issues: birth rates/pregnancy rates, resegregation in public schools, school drop out rates/graduation rates, prison population/recidivism rates, divorce, poverty, access to healthcare, life expectancy, Social Security, Medicare/Medicaid, and long-term care.

Prerequisite: SOC 1010, ANT 1010 or consent of instructor.

Spring

SOC 2710 - Selected Topics in Sociology

3 cr Specialized study in Sociology 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: countercultures, globalization, business, the military, construction of the other, oral history, qualitative methods.

Prerequisite: SOC 1010.

Periodically

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 3610 - Seminar in Advocacy

3 cr This is a course where students will be trained to be peer advocates for the CHANGE Initiative (Creating, Honoring, Advocating and Nurturing Gender Equity). Students will go through a minimum of 30 hours of training to learn how to advocate for survivors of sexual assault, relationship violence, stalking, and harassment. They will be taught extensively about the issues and they will be taught important skills such as empathic listening. Students will also serve as educators who will do programming to change campus culture and decrease problems mentioned above.

Prerequisite: Application and permission of the instructor.

Fall

SOC 3810 - 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.

Signed contract required at time of registration.

Prerequisite: Permission of the coordinator.

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 - Capstone Seminar in Sociology

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.

Prerequisite: SOC 3910 and SOC 4020.

SOC 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.

Signed contract required at time of registration.

Prerequisite: Permission of the coordinator.

SOC 4910 - Independent Study

1-3 cr Available by arrangement with coordinator.

Signed contract required at time of registration.

Social Work

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. Social work majors must get a C or better to continue on with social work required courses.

SWK 1810 - Early Field

1 cr Pre-professional helping experience in local Social Service 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.

Every Semester

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.

Every Semester

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 I

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: SWK 1810 and SWK 2011; or consent of instructor; taken concurrently with SWK 3020.

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.

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 - Social Work Practice II

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 with SWK 4811.

Fall

SWK 4030 - Social Work Practice III

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 and SWK 4811. Taken concurrently with SWK 4812.

Spring

SWK 4720 - Social Work Capstone 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 SWK 4811. Must be taken concurrently with SWK 4030 and SWK 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, must earn a "C" or better for admission into SWK 4030. 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 Science

Other relevant courses may be found under Anthropology, Economics, Geography, Global Studies, 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.

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.

Spanish

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. This may be used to fulfill one general education requirement. Three class hours plus one hour supervised lab per week.
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.

SPA 2110 - Incas, Aztecs and Mayas

3 cr This course examines the foundation, evolution, and the cultural apex of the Inca, Aztec and Maya societies. These civilizations are studied through their art, architecture, myths, religion, music, agriculture, pottery, and literature. The course also reflects upon the living heritage left by these civilizations.

Prerequisite: Intermediate level Spanish fluency.

Periodically

SPA 2120 - Spanish Pedagogy Lab for Elementary Education

1-2 cr The purpose of this course is to expose students to teaching a foreign language at the elementary school level. The course gives students the necessary tools and enables them to perfect many techniques to create their own classroom games, activities, and songs. Emphasis is placed on recycled, available, low-tech, and self-made materials. This course also pays attention to the challenges of classroom management. The course may be repeated once.

Prerequisite: Intermediate level Spanish fluency.

Periodically

SPA 2125 - Spanish Pedagogy Lab for Secondary Education

1-2 cr The purpose of this course is to expose students to the rationale behind the acquisition and teaching of a second language at the middle school and high school levels. Students learn relevant terms regarding language proficiency and the ability to distinguish between competencies vs. performance. Upon completion of the course the student will be able to answer questions regarding language acquisition in accordance with the Vermont and National Standards for Foreign Language Education. This course may be repeated once.

Prerequisite: Intermediate level Spanish fluency.

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, ValleInclan, Unamano, and Baroja); and music (Albeniz, de Falla, Granados) and art (Goya, El Greco, Velaquez, 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 - Spanish Proctorship

1-2 cr Language proctors assume responsibility under supervision for beginning level language labs. Responsibilities include supervision of tapes and grammar review. This course may be repeated.

Prerequisite: Student must have completed SPA 2011 and SPA 2012 with a grade of B or better. Variable credit with consent of program coordinator.

SPA 3820 - 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.

*Signed contract required at time of registration.
Prerequisite: Permission of the coordinator.
Every Semester*

SPA 4020 - Teaching Spanish as a Foreign Language in Pre K-12 Schools

3 cr 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 2910. By permission of program coordinator only.

Signed contract required at time of registration.

Theater Arts

Other relevant courses may be found under Communication, 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.

Fee \$15.

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.

Every semester

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.

Fee \$30.

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

Prerequisite: Permission of department.

Lab Fee \$15.

Every semester

THA 2011 - Survey of Theater History I

3 cr An examination of the critical periods of Theater History from the Greeks through Shakespeare. Representative plays from each period will be explored, as plays are some of the best reflections of any particular culture.

Fall

THA 2012 - Survey of Theater History II

3 cr An examination of the critical periods in Theater History from French Neoclassicism to the present. Representative plays will be explored, as plays are some of the best reflections of any particular culture.

Prerequisite: THA 2011.

Spring

THA 2050 - Introduction to Film Studies

3 cr (also listed as COM 2050)

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 2120 - Script Workshop I

3 cr (also listed as COM 2120)

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

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. May be repeated once for program credit.

Lecture and workshop.

Lab fee \$15.

Fall

THA 2140 - Introduction to Theatrical Design

3 cr This course serves as an introduction to the design and technical aspects of theatre performance. It also serves as a preparatory course for more advanced work in the specific areas of design (scenery, sound, properties, lighting, and costuming).

Fee \$30.

Spring

THA 2510 - Scenic Painting

3 cr This class is designed to introduce students to the study and practice of scenic art and scenic painting. Students will learn the fundamental techniques of painting and texturing associated with such basic scenic design applications as wood graining, marbling, stenciling, etc.

Fee \$30,

Spring, odd years

THA 2750 - Special Topics in Theater

3 cr In-depth examination of a variety of specific elements from different areas of theatre. Exact course descriptions will be provided prior to each registration period. May be taken multiple times for credit as topics change.

Prerequisite: THA 1041.

Spring

THA 2810 - Internship in Theater

1-12 cr Signed contract required at time of registration.
Prerequisite: Consent of department chair.

THA 2900 - Independent Study

1-3 cr Hours by arrangement.
Signed contract required at time of registration.
Prerequisite: Consent of department chair.

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.
Fee \$15.
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.
Prerequisite: THA 2121.
Alternate years.

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 \$30.
Fall, odd 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 experience in developing the student's sense of lighting aesthetics.
Prerequisite: THA 2140 or consent of instructor.
Lab fee \$30.
Fall, odd years

THA 3123 - Acting III

3 cr 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

THA 3124 - Acting IV

3 cr An advanced acting studio that deals with acting theorists and their practices through scene study, analysis, and performance.

Prerequisite: THA 3123.

Spring Even years

THA 3135 - International Cinema

3 cr (also listed as COM 3130)

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

THA 3211 - Directing I

3 cr An introductory directing course which deals primarily with script analysis and research methods in preparation for the directing of major productions for the theater.

Prerequisite: THA 1111, THA 2121, and/or the consent of the instructor.

Fall, even years

THA 3212 - Directing II

3 cr 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 3211.

Spring, odd years

THA 3310 - Dramatic Theory and Criticism

3 cr This course examines the work of major playwrights and critical theories of western theater from the Ancient Greeks to the present. The class will rely heavily on extensive reading of dramatic literature and the theories and criticisms that followed as well as informed group discussions of the required reading.

Prerequisite: THA 2011 and THA 2012

Fall

THA 3331 - Scene Design

3 cr 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.

Prerequisite: THA 2140.

Lab fee \$30.

Spring, odd years

THA 3730 - Special Topics in Film

3 cr (also listed as COM 3730)

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

THA 3810 - Internship in Theater

1-12 cr Credit to be arranged. 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. Registration by permission of department chair only.

Signed contract required at time of registration.

THA 4004 - Stage Production IV

1 cr Students participate in department production, either as actors or in a technical capacity. Evaluation is based on hours spent on production, quality of the performance, seriousness of purpose and quality of participation.

Prerequisite: THA 1001, THA 2002, and THA 3003.

Lab Fee \$15.

Every semester

THA 4005 - Stage Production V

1 cr Students participate in department production, either as actors or in a technical capacity. Evaluation is based on hours spent on production, quality of the performance, seriousness of purpose and quality of participation.

Prerequisite: THA 1001, THA 2002, THA 3003, and THA 4004.

Lab Fee \$15.

Every semester

THA 4020 - Stage Management

3 cr Students study the function and role of the theatrical stage manager. Tools such as rehearsal and performance reports, a stage manager's book, and stage management kit will be employed.

Prerequisite: THA 1041 and THA 2140.

Fee \$30.

Spring, odd years

THA 4030 - Advanced 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.

Fee \$15.

Every semester

THA 4040 - Script Workshop II

3 cr (also listed as COM 4030)

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*

THA 4332 - Advanced Design for the Theater

3 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.

*Prerequisite: THA 3331 and THA 2140 or consent of instructor.
Lab fee \$30.*

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.

*Signed contract required at time of registration.
Prerequisite: Permission of department.*

THA 4910 - Independent Study

1-3 cr Permission only.

Signed contract required at time of registration.

Women's and Gender Studies

Other relevant courses are listed [here](#).

WGS 1020 - Introduction to Women's And Gender Studies

3 cr This course enables students to understand and appreciate the rich and varied field of Women's and Gender Studies; to identify and explain ideas about gender and the ways that it has affected individuals; to understand how gender identity is shaped by race, class and culture, and what it means and has meant to be a gendered subject in the United States and abroad.

WGS 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 a student-faculty independent study contract prior to registration.

Must be approved by women's studies coordinator.

WGS 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.

WGS 4610 - Senior Project in Women's And Gender Studies

3-6 cr This is a capstone course that allows a student to either write a senior theoretical thesis in Women's and Gender Studies or work on a creative art form, such as film, installation art, music, etc. Though each student will work under one faculty, she or he will be required to present the work publicly.

Prerequisite: At least 12 credit hours of WGS related courses or senior standing.

Every Semester

WGS 4810 - Field Experience in Women's And Gender Studies

3 cr Students undertake an activist project in close supervision with a faculty member to get hands-on experience to bring social change. Examples of this could include doing specific research for the Rutland County Women's Network and Shelter, the Women's Issues Group on campus, the Boys and Girls Club, or for the Vermont Governor's Commission on Women. Unlike internships, this course includes a major research component.

Every semester

WGS 4820 - Internship in Women's And Gender Studies

Students who are Women's and Gender Studies majors and minors undertake career placements with local, state, or national organizations that address needs and conditions in today's society from the perspective of gender. A signed contract is required at the time of registration. Students must have at least 12 credits in Women's and Gender Studies or permission of instructor.

WGS 4910 - Independent Study

1-3 cr Provides the exceptionally curious and motivated student the opportunity to explore in greater depth any aspect of 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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Teresa McCormack, *Assistant Director of Financial Aid*, B.S., Castleton State College

Stephen McDougall, *Head Coach-Men's Lacrosse and Assistant Football Coach*, B.A., M.Ed, St. Lawrence University

Heather Morrison, *Assistant Registrar*, A.A.S., Adirondack Community College, B.S., Castleton State College

Betty Moyer, *Accounts Receivable Manager*

Kathryn Robare Munger, *Associate Director of Admissions and E-Recruitment Specialist*, BA, Hofstra University; M.A., The New School

Lauren Olewnik, *Librarian I*, B.A., State University of New York College at Buffalo; M.L.S., University at Buffalo

Kathleen A. O'Meara, *Director of Financial Aid*, A.S., Champlain College

Melissa Paradee, *Director of Student Activities*, B.A., Castleton State College; M.Ed., College of St. Joseph; Ed.D, University of Vermont

Matthew Patry, *Academic Counselor*, B.A., Castleton State College; M.Ed., Plymouth State College

John Paul, *Assistant Director*, Castleton Center for Schools, B.S., University of Vermont; M.S., St. Michael's College

Kathy Perzanowski, *Learning Specialist*, B.A., Vermont College of Norwich University; M.Ed., Castleton State College

Lori Phillips, *Director of Conferences and Events Programming*, A.S., Lyndon State College; B.S., Castleton State College

Richard Reardon, *Director of Education*, B.S., Castleton State College; M.Ed., Westfield State College, Ph.D., University of Central Florida

Suzanne Reedy, *Accounts Payable Manager*, B.S., Castleton State College

Denise Rhodes, *Financial Aid Officer*, A.A., Green Mountain College

Kate Richards, *Communications Assistant*, B.A., Keene State College

Michael Robilotto, *Director of Residence Life*, B.S., Cazenovia College, M.S., Norwich University

Jan Rouse, *Assistant Director of The Robert T. Stafford Center for the Support and Study of the Community*, A.S., B.S., Castleton State College

Frances Ryan, *Interlibrary Loan Supervisor*, B.A., Castleton State College

Christine Sadler, *Writing Specialist*, B.A., M.A., Castleton State College

Karen Sanborn, *Coordinator of the Media Center*, B.A., Castleton State College

Cindy Savage, *Assistant Custodial Supervisor*, A.A., Castleton State College

Mary Kate Scardillo, *Head Women's Lacrosse and Volleyball Coach*, B.A., Nazareth College, M.A., Castleton State College

Cathy Schwaner, *College Store Assistant Manager*

John Schwaner, *College Store Manager*, B.S., Castleton State College

Michelle Scott, *Staff Assistant to the President and Academic Dean*

Ted Shipley, *Head Coach, Baseball*, A.S., B.S., Lyndon State College; M.S., University of New Hampshire

Brian Smith, *Athletic Equipment Manager and Events Facilitator*, A.A., North Country Community College; B.S., Castleton State College

Jonathan Spiro, *Associate Academic Dean and Associate Professor*, History, B.A., University of California, Los Angeles; M.A., Pepperdine University; Ph.D., University of California, Berkeley,

Vyonne Swenson, *Associate Director of Development and Alumni Relations*, B.S., University of Maine at Orono

Erica Terault, *Assistant Director of Admissions*, B.S., Castleton State College

Alex Todd, *Head Coach*, Men's Ice Hockey, B.S., Union College

Deanna Tyson, *Associate Dean of Athletics and Recreation*, B.S., M.S., West Chester University

Rick Wareing, *Assistant Director of Physical Plant*

Alison Welch, *Student Resource Coordinator*, B.A., Castleton State College

Jeff Weld, *Director of Sports Information*, B.S., Castleton State College

Chrispin L. White, *Director of The Robert T. Stafford Center for the Support and Study of the Community*, B.S., Castleton State College

Heidi Whitney, *Director of Budgets and Finance*, B.S., Castleton State College; M.B.A., College of St. Joseph

Emily Wiezalis, *Assistant Dean of Enrollment*, B.A., State University of New York at Buffalo

Shaun Williams, *Area Coordinator*, B.A., Bridgewater State College

Susan L. Wiskoski, *Senior Financial Aid Officer*

Steven Wolf, *Director of Spartan Arena*, B.A., Kentucky Wesleyan

Yasmine Ziesler, *Associate Academic Dean*, B.A., M.A., Brown University; Ph.D., Boston University

Joseph Zietler, *Admissions Counselor*, B.A., Castleton State College

Faculty

Robert Aborn (1960), B.Music, Oberlin College; M.Music, Ph.D., Indiana University; *Professor Emeritus, Music*

Andrew Alexander (2005), B.A., Bowdoin College; M.A., the University of Maine at Orono; Ph.D., Pennsylvania State University; *Associate Professor, English*

Ana María Alfaro Alexander (1989), B.A., Hunter College; Ph.D., City University of New York; *Professor, Spanish*

Deborah Alongi (2009), B.A., Prescott College; M.S., University of Arizona; Ph.D., Idaho State University; *Assistant Professor, Biology*

Cerise M. Barber (1997), B.S., State University of New York College at Cortland; M.S., Northeastern Illinois University; *Professor, Physical Education/Director of Athletic Training 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*

Sherrill Blodget (2008), B.A., Yale University; M.M.E., Pennsylvania State University; M.M., University of Oregon; D.M.A., University of Arizona; *Assistant Professor, Music*

David Blow (2005), B.A., Castleton State College; M.A., State University of New York at Albany/Empire State; *Associate Professor, Journalism*

Christopher Boettcher (2008), B.A., University of Notre Dame, M.S., Ph.D., University of Pittsburgh; *Assistant Professor, English*

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; Ph.D., Columbia University; *Professor, Social Work*

Justin Carlstrom (2009), B.S., Indiana University-Purdue University Indianapolis; M.S., University of Montana; Ph.D., The University of Utah; *Assistant Professor, Exercise Science*

Harry Chaucer (2001), B.A., Goddard College; M.S., Ed.D., University of Vermont; *Professor, Education*

Adam Chill (2009), B.A., Bowling Green State University; M.A., University of Cincinnati; Ph.D., Boston College; *Assistant Professor, History*

Richard Clark (2011), B.A., University of Hartford; M.A., Ph.D., University of Connecticut; *Associate Professor, Political Science and Director of the Castleton Polling Institute*

Thomas Cleary (2007), B.S., Massachusetts College of Liberal Arts; M.A., University of Rhode Island; C.A.G.S., University of Connecticut; Ph.D., University of Rhode Island and Rhode Island College; *Assistant Professor, Education, Department Chair*

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*

Brad Coupe (2004), B.S., Gettysburg College; M.S., Ph.D., The Ohio State University; *Associate Professor, Biology*

Kathleen K. Culpo (2010), B.S., State University of NY College at Cortland; Ed.M., University of Virginia; Ed.D., University of Massachusetts; *Assistant Professor, Physical Education*

Sarah Coulter Danner (2011), B.S.N., Skidmore College; M.S.N., Case Western Reserve University; *Assistant Professor, Nursing*

Ed Dansereau (2009), B.S., Northeastern University; M.B.A., Southern New Hampshire University; *Assistant Professor, Business Administration*

Paul Derby (2003), A.S., Adirondack Community College; B.A., State University of New York at Oneonta; M.A., Ph.D., Syracuse University; *Associate 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 A. 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, Department Chair*

Susan Farrell (1991), A.S., Castleton State College; B.S., University of Vermont; M.A., Castleton State College; M.S.N., Russell Sage College; *Professor Emerita, Nursing*

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, 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; *Associate Professor, U.S./Latin American History, Department Chair*

Barbara Foley (1968), B.S., M.S., Central Connecticut State College; *Professor Emerita, Business Administration*

Jeffrey V. Freeman (1964), B.S., State University College of Forestry at Syracuse University; M.S., Ph.D., Rutgers University; *Professor Emeritus, Biology*

William Frey (2009), B.A., Villanova University, M.A., Ph.D., University of Vermont; Associate Professor, Psychology

Preston P. Garcia (2010), B.S., James Madison University; M.S., Ph.D., University of Connecticut; *Assistant Professor, Microbiology*

Catherine Garland (2004), B.A., Colby College; M.S., University of Florida; Ph.D., University of Hawaii; *Associate Professor, Physics*

Thomas Geisler (2011), B.S., State University of New York Cortland; M.S., Western Kentucky; M.Ed., University of Vermont; *Assistant Professor, Physical Education*

Susan D. Generazzo (2010), B.S., University of Massachusetts; M.S., Tufts University, Ph.D., University of New Hampshire; *Assistant Professor, Mathematics*

Robert Gershon (1977), B.A., Princeton University; M.A., Ph.D., Boston University; *Professor, Communication, Department Chair*

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*

Emily Gleason (2012), B.A., Middlebury College; M.A., Bread Loaf School of English; University of California; *Assistant Professor, Education*

William Godair (2012), B.S., Southern Illinois University; M.B.A., Golden Gate University; M.S.U.S., Ph.D., Old Dominion University; *Assistant Professor, Business Administration*

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; *Professor, Geology, Department Chair*

Ann Hampton (1985), B.S., Simmons College; M.A., University of Massachusetts; Ph.D., Tufts University; *Professor Emerita, Biology*

Scott Hanselman (2011), B.S., Castleton State College; *Instructor, Business Administration*

Susan Hogan (2009), A.S., Castleton State College; B.S.N., M.S.N., Norwich University; *Assistant Professor, Nursing*

Bradley N. Hunt (1986), B.S., M.S., Youngstown State University; J.D., University of Toledo College of Law; *Professor, Criminal Justice*

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*

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; M.A., M.A., M.Phil., Ph.D., Columbia University; *Professor; Psychology, Department Chair*

Cathy Kozlik (2006), B.S., Baylor University; M.S.A., Saint Michael's College, M.B.A., Champlain College; *Assistant Professor, Business Administration*

Dale W. Kreisler (1998), B.S., Mansfield University; M.S., Ph.D., Clarkson University; *Professor, Mathematics, Department Chair*

Cathy Kubec (2011), B.A., University of Missouri; B.S., Wright State University; M.S., University of Connecticut; *Assistant Professor, Nursing*

William C. Kuehn (1971), B.S., Randolph-Macon College; M.A., Northeastern University; J.D., Vermont Law School; *Professor, Sociology and Criminology*

Brendan Lalor (2008), B.A., College of Saint Rose; M.A., Ph.D., State University of New York at Albany; *Assistant Professor, Philosophy*

Philip Lamy (1992), B.A., University of Massachusetts; M.A., Ph.D., Northeastern University; *Professor, Sociology*

Virginia S. Larrabee (1966), B.A., Wellesley College; Ed.M., University of Vermont; Ed.D., Boston University; *Professor Emerita, Education*

Helen Mango (1991), B.A., Williams College; M.S., Ph.D., Dartmouth College; *Professor, Geochemistry*

Kelley McAfee (2011), B.S., SUNY Plattsburg; M.S.N., SUNY Institute of Technology at Utica; *Assistant Professor, Nursing*

Mary Ann McDonough (1995), B.S.N., Boston College School of Nursing; M.S.N., Russell Sage Graduate Nursing School; *Professor Emerita, Nursing*

Harry McEnery (1996), B.A., Randolph-Macon College; M.F.A., Virginia Commonwealth University; *Professor, Theater Arts, Department Chair*

Monica McEnery (2012), B.A., Randolph-Macon College; M.A., Castleton State College; *Assistant Professor, Education*

Melinda Mills (2010), B.A., Wesleyan University; M.A., Teachers College Columbia University; M.A., M.A., M.P.A., Ph.D., Georgia State University; *Assistant Professor, Women's and Gender Studies and Sociology*

Frank Morgan (1964), B.S., Castleton State College, M.S., Miami University; Ed.D., University of Massachusetts; *Professor Emeritus, Mathematics*

Cynthia A. Moulton (1997), B.S., Framingham State College; M.S., University of Maryland; Ph.D., North Carolina State University; *Professor, Biology*

Kristen Murray (2009), B.S., University of North Florida; Ph.D., Michigan State University; *Assistant Professor, Physical Education*

Linda J. Olson (1995), B.A., Hamline University; M.A., Ph.D., University of New Hampshire; *Professor, Sociology*

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; MBA, James Madison University; *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; *Associate Professor, Physical Education*

Abdess Rajia (1990), B.A., M.A., Ph.D., State University of New York at Albany; C.A.S., Sheffield University, England; *Professor, Mathematics*

William T. Ramage (1978), B.F.A., Philadelphia College of Art; M.F.A., University of Massachusetts; *Professor Emeritus, Art, Department Chair*

Gail Regan (2006), B.A., Grinnell College; M.S., Kansas University Medical Center; Ph.D., University of Missouri-Kansas City; *Associate Professor, Physical Education*

Peg M. Richards (1999), B.S., North Adams State College; M.B.A., University of Oregon; *Professor, Business Administration, Department Chair*

Judith Robinson (2001), B.A., Syracuse University; M.A., Ph.D., University of Massachusetts; *Associate Professor, Economics*

Scott Roper (2005), B.A., Clark University; M.A., University of North Dakota; Ph.D., University of Kansas; *Associate Professor, Geography*

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*

Thomas M. Rutkowski (1997), B.A., College of the Holy Cross; M.B.A., University of Idaho; Ed.D., University of Georgia; *Professor, Business Administration*

Oliver Schemm (2012), B.A., University of Montana; M.F.A., Florida State University; *Assistant Professor, Art*

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*

Charles F. Shaffert (1965), B.A., Dickinson College; M.A., University of Pennsylvania; M. Phil., Ph.D., University of Kansas; *Professor Emeritus, English*

Dennis Shramek (1989), B.S., M.F.A., Ph.D., Bowling Green State University; *Professor, English, Department Chair*

Anne Slonaker (2007), B.S., Kutztown University; M.S., Ph.D., Pennsylvania State University; *Assistant Professor Education*

Kiki Smith (2012) B.A., Southern Vermont College; B.S.N., Southern Vermont College; M.S.N., Drexel University; *Assistant Professor, Nursing*

Thomas H. Smith (1964), B.A., New York State Teachers College at Albany; M.A., Rutgers University; *Professor Emeritus, English*

Kathryn Sperry (2009), B.S., California Polytechnic State University; M.A., Ph.D., Claremont Graduate University; *Assistant Professor, Psychology*

Jonathan Spiro (2002), B.A., University of California, Los Angeles; M.A., Pepperdine University; Ph.D., University of California, Berkeley, *Associate Professor, History*

Drennan Spitzer (2004), B.A., The Master's College; M.A., California State University; Ph.D., University of California, Riverside; *Associate Professor, English*

Kirsten Stor (2010) B.A., Carleton College; M.S., Ph.D., University of Vermont; *Assistant Professor, Mathematics*

Elizabeth H.S. Sumner (1970), B.S., University of Wisconsin; M.A., University of Michigan; *Professor Emerita, History*

Deborah Thomas (2010), B.S.N., University of Massachusetts; M.S.N., Simmons College; *Assistant Professor, Nursing*

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; *Associate Professor, African and World History*

Livia Vastag (2011), B.A., Middlebury College; M.A., Ph.D., Princeton University; *Assistant Professor, Organic Chemistry and Biochemistry*

Andrew Vermilyea (2011), B.A., Hamilton College; Ph.D., Colorado School of Mines; *Assistant Professor, Analytical/Environmental Chemistry*

Roy M. Vestrich (1988), A.B., Bard College; M.F.A., Ph.D., University of Massachusetts; *Professor, Communication and Theater Arts*

Carrie 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; *Professor, Education*

Andrew Weinberg (2011), B.S., Missouri State University; M.S., Saint Xavier University; *Assistant Professor, Physical 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 2012

August

10

Fall semester tuition due in full

Friday

September	10	End drop/add full semester courses	4:30 P.M.	Monday
October	12	Incompletes to grades due for every student	4:30 P.M.	Friday
	18	Mid-semester grades due	4:30 P.M.	Thursday
	26	End drop full semester courses w/fee	4:30 P.M.	Friday
December	3	Deadline for degree applications for Dec. '13	4:30 P.M.	Monday
	10	Deadline for students to submit orders to College Store for Commencement regalia		Monday
	28	Fall semester grades due to Public Safety (on-line deadline January 2nd.)	12:00 Noon	Friday

Spring Semester 2013

January	2	Deadline for Fall '12 on-line grading.	8:00 A.M.	Wednesday
	11	Spring semester tuition due in full.		Friday
February	1	Information about returning student scholarships and summer financial aid applications available		Wednesday
	4	End drop/add full semester courses.	4:30 P.M.	Monday
March	13	Incompletes to grades due for every student		Wednesday
	14	Mid-semester grades due	4:30 P.M.	Thursday
	22	Deadline to drop full semester courses with fee	4:30 P.M.	Friday
April	2	Priority deadline for '13-'14 financial aid due.	4:30 P.M.	Monday

	11	Exit interview Session for May graduates who borrowed Federal Student Loans.	2:00 P.M.	Thursday
	16	Fall '13 residence halls deposit due	4:30 P.M.	Tuesday
May	1	New student deposit due		Wednesday
	1	Deadline for degree applications for May '14	4:30 P.M.	Wednesday
	22	All grades due	10.00 A.M.	Wednesday
	23	On-line grades due	12:00 NOON	Thursday

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 firstsemester 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.

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).