

## THE COLLEGE OF ARTS AND SCIENCES

<http://www.uvm.edu/~cas/>

The College of Arts and Sciences at UVM combines the advantages of a small liberal arts college and the resources of a major research institution. It provides students with a sound liberal education through close interaction with nationally and internationally noted scholars. This close interaction helps students acquire knowledge and scholarly discipline that enables them to think critically about issues they will confront in their professional and personal lives. The college's academic programs acquaint students with the intellectual, cultural and aesthetic heritage of our complex world. The college's programs also seek to prepare students for entry into rewarding careers in a variety of fields and for advanced study that may be prerequisite to other opportunities. More and more professional schools, corporate managers and graduate schools seek individuals who have a fine liberal arts background.

In UVM's College of Arts and Sciences, students are encouraged to develop depth and breadth of knowledge, and critical thinking and communication skills that are the hallmarks of a liberal education. Students begin developing these skills in a first-year seminar and, as they complete degree requirements, they have the opportunity to explore a wide range of disciplines spanning literature, the humanities, the fine arts, foreign languages, the natural and social sciences and mathematics. The college offers over forty majors from which students may choose.

The Office of the Dean of the College of Arts and Sciences is located at 438 College Street.

### FIRST-YEAR PROGRAMS

The first year of university-level study is challenging. The College of Arts and Sciences offers students two programs that help them complete the first year successfully and acquire the skills and background necessary for success throughout their university careers.

In their first semester, students are encouraged to enroll in the Teacher-Advisor Program (TAP), which is designed to help students begin a successful liberal arts education. TAP combines interactive courses with careful academic advising. In TAP seminars, students approach significant issues from a variety of points of view, develop their critical thinking, and improve their skills in oral and written communication. Students' TAP instructors are also their academic advisors and help first-year students discover their interests and reach academic goals. TAP courses all satisfy the the university Writing and Information Literacy requirement and most meet the college's Distribution Requirements as well. Typical topics for TAP courses include "Environmental Risk", "Writer as Witness", "Geology and Ecology of Lake Champlain", "Ethics of Eating", and "Meanings of Madness". More than fifty different courses like these are available to first-year students each year.

As students enter their second semester, it is important for them to continue developing the critical thinking, speaking and writing

skills cultivated in TAP, and also to reflect on their choices of majors and minors. The second-semester program, Academic Introduction to the Major (AIM), is designed to facilitate the transition into a potential major. Courses identified in the AIM program encourage the intellectual shift from a broad exposure to the liberal arts to in-depth study in a particular field. The AIM program identifies courses in all disciplines that serve as "gateway" courses to the major, giving students an opportunity to begin exploring the discipline in a more substantial manner in course work that introduces them to the nature of inquiry typical in the major.

### PRE-PROFESSIONAL PREPARATION

Whether a student is interested in medical, dental or law school, or graduate work in other fields, the College of Arts and Sciences offers excellent opportunities to complete a pre-professional education.

#### Medicine and Dentistry

Minimum requirements for entry into medical school include one year each of biology, general chemistry, organic chemistry, physics and calculus. In preparation for the 2015 MCAT, one semester of statistics (or a statistics-heavy course in another discipline), one semester of biochemistry, one semester of psychology, and one semester of sociology should be completed. Increasing numbers of medical schools also are requiring a year of English, especially writing-intensive courses. There is however no required or preferred major. As long as a student completes the courses required by his/her chosen professional school, s/he may pursue any undergraduate major in UVM's College of Arts and Sciences. Medical and dental schools are primarily concerned with the overall scope and quality of undergraduate work. Only about half the first-year students in medical or dental schools have majored in a science, for example. Thus, students should follow their true interests and work to achieve the academic standing necessary. Academic advisors will help students plan their programs. In addition, the Career Services office coordinates pre-medical and pre-dental advising, and has information about the requirements of specific medical and dental schools.

Because the UVM College of Arts and Sciences offers the advantages of a small liberal arts college within a comprehensive university, students have the opportunity to do research with faculty who are nationally and internationally recognized leaders in their fields. The college has an excellent record of placing graduates in medical and dental schools. Among the institutions where recent pre-medical graduates are now studying are Albert Einstein College of Medicine, Tufts, Columbia, Cornell, Dartmouth, UVM, Duke, and Brown, while pre-dental graduates are studying at Boston University, Temple, Tufts, Arizona, and University of New England.

The Pre-Medical Enhancement Program (PEP) is a joint offering of the College of Arts and Sciences, the College of Agriculture and Life Sciences, and the College of Medicine to provide enhanced opportunities for a select group of highly qualified pre-medical students. Interested students apply to PEP in the second semester of their first year. Those students accepted into PEP will be assigned

a practicing physician-mentor who will introduce the concepts of patient care and practice management through regularly scheduled office-based/clinical experiences. The PEP coordinator in the College of Medicine will provide information on opportunities for medical research experience and volunteer/employment possibilities in the health sciences or health policy fields. On a monthly basis, students will receive listings about special educational offerings at the College of Medicine and the Academic Medical Center. PEP students will also be able to participate in practice interviews with members of the University of Vermont Pre-Medical Committee. In their junior year, PEP students will be able to apply to the University of Vermont College of Medicine. More information is available in the graduate and professional school section of the Career Center's website.

## Law

A significant number of UVM students consider attending law school immediately or a few years after graduation. UVM is successful in placing its graduates in leading law programs around the country, including Yale University, New York University, Columbia University, and the University of Michigan.

The University of Vermont (UVM) and Vermont Law School (VLS) offer a unique dual-degree program leading to a Bachelor's in three years and a Juris Doctor (JD) degree in two years. The UVM-VLS 3+2 program enables highly-focused students to earn both degrees in less time and at less cost from two distinguished institutions. Students may choose to enter the program from selected majors in the College of Arts and Sciences including Economics, History, and Political Science.

The University of Vermont provides guidance to its pre-law students through the Career Services and faculty and staff advisors in Arts and Sciences. The college begins working with students as soon as they express an interest in law and provide guidance throughout their undergraduate career.

Unlike pre-medical programs, where students must take a prescribed set of courses, there is no pre-law curriculum. "What law schools seek in their entering students is not accomplishment in mere memorization," states the Association of American Law Schools, "but accomplishment in understanding, the capacity to think for themselves, and the ability to express their thoughts with clarity and force." The Association does not prescribe a specific course of study to prepare undergraduates for law school, but rather suggests a broad approach to liberal arts including work in English, humanities, logic, mathematics, social sciences, history, philosophy, and the natural sciences.

## Graduate Study in Other Fields

Arts and Sciences students pursue graduate education in a variety of fields ranging from ethnomusicology to journalism or immunology. Recent UVM College of Arts and Sciences graduates have been accepted at such institutions as the University of Wisconsin, Brandeis,

Harvard, University of Michigan, Yale, New York University, Princeton, Cornell, Berkeley, Tufts, and Duke.

## Secondary Teaching

Students in the College of Arts and Sciences who are interested in becoming eligible to teach in secondary grades (7-12) should review the College of Education and Social Services section titled Teacher Education. All requirements must be fulfilled as listed in the CESS Secondary Education State Approved program and not simply the sequence of professional courses.

## INTERNSHIPS

Arts and Sciences students are encouraged to do internships and may count up to twelve internship credits toward their B.A. or B.S. Full information on internships and the regulations governing them is found on the College of Arts and Sciences website.

## MAJORS

- Anthropology B.A.
- Art History B.A.
- Art: Studio Art B.A.
- Asian Studies B.A.
- Biochemistry B.S.
- Biological Science B.S.
- Biology B.A.
- Chemistry B.A.
- Chemistry B.S.
- Chinese B.A.
- Classical Civilization B.A.
- Computer Science B.A.
- Economics B.A.
- English B.A.
- Environmental Sciences B.S.
- Environmental Studies B.A.
- European Studies B.A.
- Film and Television Studies B.A.
- French B.A.
- Gender, Sexuality, and Women's Studies B.A.
- Geography B.A.
- Geology B.A.
- Geology B.S.
- German B.A.
- Global Studies B.A.
- Greek B.A.
- History B.A.
- Individually Designed B.A.
- Italian Studies B.A.
- Japanese B.A.

- Latin B.A.
- Latin American and Caribbean Studies B.A.
- Linguistics B.A.
- Mathematics B.A.
- Music B.A.
- Music Performance B.Mus.
- Neuroscience B.S.
- Philosophy B.A.
- Physics B.A.
- Physics B.S.
- Plant Biology B.A.
- Political Science B.A.
- Psychological Science B.A.
- Psychological Science B.S.
- Religion B.A.
- Russian B.A.
- Russian and East European Studies B.A.
- Sociology B.A.
- Spanish B.A.
- Theatre B.A.
- Zoology B.A.
- Zoology B.S.

## MINORS AND CERTIFICATES

- African Studies
- Anthropology
- Art
- Art History
- Asian Studies
- Astronomy
- Biochemistry
- Biology
- Canadian Studies
- Chemistry
- Chinese
- Classical Civilization
- Critical Race and Ethnic Studies
- Dance
- Economics
- English
- Environmental Sciences: Biology
- Environmental Sciences: Geology
- Environmental Studies
- European Studies
- Film and Television Studies
- French
- Gender, Sexuality, and Women's Studies

- Geography
- Geology
- Geospatial Technologies
- German
- Gerontology
- Global Studies
- Greek Language and Literature
- History
- Holocaust Studies
- Individually Designed
- International Politics
- Italian
- Italian Studies
- Japanese
- Latin American and Caribbean Studies
- Latin Language and Literature
- Linguistics
- Middle East Studies
- Music
- Music Technology
- Musical Theatre
- Neuroscience
- Philosophy
- Physics
- Plant Biology
- Political Science
- Psychological Science
- Religion
- Russian
- Russian/East European Studies
- Sexuality and Gender Identity Studies
- Sociology
- Spanish
- Speech and Debate
- Teaching English to Speakers of Other Languages - Undergraduate Certificate
- Theatre
- Vermont Studies
- Zoology

## REQUIREMENTS

Requirements for the Bachelor of Arts Degree

Requirements for the Bachelor of Music Degree

Requirements for the Bachelor of Science Degree

## REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

Students must comply with the degree requirements as stated in a single catalogue edition in place during the time they are enrolled. The catalogue edition to be followed is the one in effect at the time the student matriculates at UVM, unless the student requests in writing to follow an edition that is published subsequently during his/her enrollment at UVM. Students may not mix requirements from different catalogues.

Students who do not complete the degree within seven years must comply with the requirements in the catalogue current at the date of readmission. Disputed rulings may be appealed to the Committee on Academic Standing.

1. A student must earn a cumulative grade-point average of 2.00 in a program comprised of a minimum of 120 semester credits. Students receiving degrees from the College of Arts and Sciences may apply no more than eight credits of physical education toward the 120 credits required for graduation. Of the 120 credits required, students electing a minor offered by the college must complete 96 credits in courses offered by departments and programs in the College of Arts and Sciences. The remaining 24 credits may be taken in courses offered by any academic unit at the University of Vermont. Students electing an approved minor offered by another school or college of the university must complete 84 credits in courses offered by the departments and programs in the College of Arts and Sciences. The remaining 36 credits, to include courses required for the minor, may be taken in courses offered by any academic unit of the University of Vermont.  
No more than eight credits of military studies may apply toward the degree. Courses taken on a pass/no pass basis may not be used toward completion of any requirement listed below under sections 4, 5, and 6.
2. A student must be matriculated in the College of Arts and Sciences and in residence at the University of Vermont during the period in which s/he earns 30 of the last 45 credits applied toward the degree.
3. College of Arts and Sciences Guidelines for Second Bachelor's Degree:
  - The Bachelor of Arts and the Bachelor of Science in the College of Arts and Sciences are not tagged degrees. As a consequence, someone who has completed either a B.A. or a B.S. in Arts and Sciences will not receive a second degree should s/he complete an additional major within the same degree.
  - If a B.A. or B.S. graduate of Arts and Sciences is readmitted and/or completes an additional major beyond the one used toward the original diploma, the additional major and course work will be added to the transcript. A second degree will only be awarded when the additional course work completed satisfies the requirements for a different degree with a different major from the one initially awarded (i.e., B.A.

graduate with major in physics completes requirements for B.S. with major in chemistry).

- Students who do not complete the degree within seven years must comply with the requirements in the catalogue current at the time of readmission. Students readmitted to complete a second degree, or to complete an additional major within the same degree must also comply with this rule.
4. A student must complete the following courses which comprise the general and Distribution Requirements for the Bachelor of Arts degree. All courses used to satisfy these requirements must carry at least three credits and may not be taken on a pass/no pass basis. Each semester, Special Topics courses and cross-listed courses (095, 096, 195, 196, 295, 296) are offered which may meet general and Distribution Requirements. Contact the dean's office with questions about a specific course.

### General Requirements

**Non-European Cultures:** One course, other than a foreign language, which deals with non-European cultural traditions. The course selected to satisfy this requirement may also be used to fulfill the Distribution Requirements.<sup>1</sup>

### Distribution Requirements

Students completing the B.A. degree will be required to complete all seven of the Distribution Requirement categories (Foreign Language, Mathematical Sciences, Fine Arts, Literature, Humanities, Social Sciences, and Natural Sciences). No more than three courses from the same department may be used to satisfy the Distribution Requirements. No single course may satisfy more than one category, except that a foreign language course which fulfills the literature category simultaneously fulfills the category of foreign language. Courses which satisfy major and minor requirements may also be used to satisfy Distribution Requirements. Please note that Psychological Science (BA only) majors must complete at least one course in Natural Science outside the Department of Psychological Science.

a. **Foreign Language:** Two courses in the same foreign language<sup>2</sup> at the appropriate level, as determined by the offering department.<sup>3</sup> A student who has achieved a score of 4 or better on an appropriate Advanced Placement (AP) Test and receives AP credit for two semesters of language has satisfied this requirement.<sup>4</sup>

b. **Mathematical Sciences:** One mathematics course at MATH 017 or higher, or STAT 051 or higher, or CS 008 or higher, or PHIL 013.

c. **Fine Arts:** One course in studio art or art history, dance (DNCE), music<sup>5</sup>, theatre<sup>6</sup>, or Film and Television Studies.

d. **Literature:** One course selected from a list of approved offerings in classics, English, French, German, world literature, Greek, Italian, Latin, Russian, and Spanish<sup>7</sup>.

e. **Humanities:** Two courses from a list of approved offerings in art history, classics, Greek, history, Latin, music history, philosophy, political science, and religion<sup>8</sup>.

f. **Social Sciences:** Two courses from a list of approved offerings in anthropology, economics, geography, Global and Regional Studies, linguistics, political science, psychological science, sociology, Vermont Studies, and Gender, Sexuality, and Women's Studies<sup>9</sup>.

g. **Natural Sciences:** Two courses, one of which must include laboratory experience, chosen from: all offerings in astronomy, biology (including BCOR), plant biology, chemistry, geology, physics, plus:

GEOG 040, GEOG 140, GEOG 143, GEOG 148, MMG 065, PSYS 111, PSYS 216, PSYS 217, PSYS 218, and PSYS 219.

5. A student must complete an approved major in the College of Arts and Sciences by satisfying the requirements specified by the department or program supervising the major and by maintaining a cumulative grade-point average of 2.00 in the major field. Unless specifically required, no more than 45 credits in courses with the same departmental prefix may be used toward completion of the 120 credits required for graduation. At least one-half of the credits used toward the major requirements must be taken at the University of Vermont. Of these, at least twelve credits must be at or above the 100-level. Application of credits earned elsewhere to completion of the major is subject to approval by the appropriate department chair or program director. No courses applied toward satisfaction of major requirements may be taken on a pass/no pass basis.

6. A student must complete a minor approved by the College of Arts and Sciences in a field other than the major by satisfying the requirements specified by the department or program supervising the minor<sup>10</sup>. Also, a student must maintain a cumulative grade-point average of 2.00 in the minor field<sup>11</sup>. Completion of a second major, either as part of the student's B.A. degree program or as part of another degree program at UVM, will satisfy the minor requirement as long as there is no more than one common course used to satisfy the requirements for both majors. As with the major, at least one-half of the credits used toward completion of the minor requirements must be taken at the University of Vermont, and application of credits earned elsewhere toward completion of the minor is subject to approval by the appropriate department chair or program director. No courses applied toward satisfaction of the minor requirements may be taken on a pass/no pass basis.

<sup>1</sup> Courses in this category may also fulfill the University Approved Diversity requirement. Check the listing of University Approved Diversity courses found elsewhere in this catalogue. The following courses have been approved for this category: ANTH 021, ANTH 023, ANTH 024, ANTH 028, ANTH 059, ANTH 104, ANTH 152, ANTH 161, ANTH 162, ANTH 165, ANTH 166, ANTH 172, ANTH 174, ANTH 179, ANTH 180, ANTH 189, ANTH 209, ARTH 008, ARTH 146, ARTH 184, ARTH 185, ARTH 186, ARTH 187, ARTH 188, ARTH 189, ARTH 192, ARTH 285, CLAS 145, CLAS 148, CLAS 149, DNCE 005, DNCE 031, DNCE 033, DNCE 035, DNCE 037, DNCE 155, EC 040, EC 045; ENGS 061, ENGS 179, ENGS 182, GEOG 050, GEOG 150, GEOG 151, GEOG 154, GEOG 156; GRS 001, GRS 200, GSWS 113, HST 009, HST 010, HST 035, HST 036, HST 040, HST 041, HST 045, HST 046, HST 055, HST 062, HST 063, HST 067, HST 106, HST 107, HST 140, HST 141, HST 146, HST 148, HST 150, HST 151, HST 211, HST 240, HST 250, HST 252, MU 007, MU 014, MU 107, PHIL 121, PHIL 221, POLS 157, POLS 168, POLS 174, POLS 175, POLS 176, POLS 177, POLS 266; REL 020, REL 021, REL 023, REL 026, REL 029, REL 030, REL 130, REL 131, REL 132, REL 141, REL 145, REL 163, REL 167, REL 234, SOC 171, SOC 212, SOC 272, WLIT 020, WLIT 109, WLIT 110, WLIT 119, WLIT 129, WLIT 145.

<sup>2</sup> The following courses are NOT approved for this category: CHIN 020, CHIN 095, CHIN 096; FREN 095, FREN 096; ITAL 095, ITAL 096; JAPN 010, JAPN 095, JAPN 096, JAPN 121, JAPN 122, JAPN 221, JAPN 222; SPAN 010, SPAN 095, SPAN 096. Approved for this category are ASL 001, ASL 002, ASL 051, and ASL 052 and all other courses in Arabic, French, Spanish, Italian, German, Russian, Hebrew, Chinese, Japanese, Greek, and Latin.

<sup>3</sup> Students with previous high school course work in French, German, or Spanish must take an online placement exam in order to register for courses used to satisfy this requirement in one of these languages. See department websites for access to online placement exams.

<sup>4</sup> See Admissions Section for information concerning academic credit for Advanced Placement Testing.

<sup>5</sup> Dance and Music Performance courses, and/or Music lessons may be used to satisfy the fine arts requirement if the cumulative credit total is equal to or greater than three.

<sup>6</sup> Speech courses will not satisfy the fine arts requirement.

- <sup>7</sup> The following courses have been approved for this category: CLAS 037, CLAS 042, CLAS 153, CLAS 155, CLAS 156; all English courses except: ENGS 001, ENGS 004, ENGS 005 (writing courses only), ENGS 050, ENGS 051, ENGS 053, ENGS 081, ENGS 102, ENGS 103, ENGS 104, ENGS 105, ENGS 107, ENGS 108, ENGS 114, ENGS 117, ENGS 118, ENGS 119, ENGS 120; ENGS 191, ENGS 192, ENGS 211, ENGS 212; all French courses numbered FREN 141 or higher except FREN 201, FREN 205, FREN 209, FREN 292, FREN 293, FREN 294; all World Lit courses; all German courses numbered above 100 except: GERM 103, GERM 104, GERM 121, GERM 122, GERM 201, GERM 202, GERM 213; all Greek courses numbered above 200; all Italian courses above 100 except ITAL 101; all Latin courses numbered above 100 except: LAT 211, LAT 212, LAT 255; all Russian courses numbered above 100 except: RUSS 101, RUSS 121, RUSS 122, RUSS 141, RUSS 142, RUSS 161, RUSS 221, RUSS 222, RUSS 251, all Spanish courses numbered SPAN 140 or higher except courses numbered SPAN 201, SPAN 202, SPAN 211, SPAN 212, SPAN 217, or SPAN 290, SPAN 291, SPAN 292, SPAN 293, SPAN 294 or SPAN 299.
- <sup>8</sup> The following courses have been approved for this category: all art history, history, and religion courses; CLAS 021, CLAS 022, CLAS 023, CLAS 024, CLAS 035, CLAS 121, CLAS 122, CLAS 147, CLAS 148, CLAS 149, CLAS 154, CLAS 157, CLAS 158, CLAS 162, CLAS 163, CLAS 221, CLAS 222; DNCE 050; GRK 203, GRK 205; LAT 255; MU 001, MU 005, MU 006, MU 010, MU 011, MU 012, MU 014, MU 015, MU 105, MU 106, MU 111, MU 112; all philosophy courses except PHIL 013; POLS 041, POLS 141, POLS 142, POLS 143, POLS 144, POLS 147, POLS 148, POLS 182, POLS 241, POLS 242, POLS 244, POLS 245, POLS 249.
- <sup>9</sup> The following courses have been approved for this category: all anthropology, economics, linguistics, and sociology courses; CRES 061, CSD 094; GRS 091; all geography courses except: GEOG 040, GEOG 140, GEOG 143, GEOG 148; all political science courses except: POLS 041, POLS 141, POLS 142, POLS 143, POLS 144, POLS 147, POLS 148, POLS 182, POLS 241, POLS 242, POLS 245, POLS 249; all psychological science courses except: PSYS 111, PSYS 115, PSYS 211, PSYS 215, PSYS 216, PSYS 217, PSYS 218, and PSYS 219; VS 052; GSWS 001.
- <sup>10</sup> Only one course may be applied toward completion of both a major and a minor requirement.
- <sup>11</sup> The minor grade-point average will be calculated from the first set of courses which satisfy the minor requirements. However, if a student's grade-point average in these courses falls below 2.00, and there are additional courses which are approved for inclusion in the minor, a student may elect to drop for purposes of the grade-point calculation, one course graded below C and to replace this course with an approved alternate.

## REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE

Students must comply with the degree requirements as stated in a single catalogue edition in place during the time they are enrolled. The catalogue edition to be followed is the one in effect at the time the student matriculates at UVM, unless the student requests in writing to follow an edition that is published subsequently during his/her enrollment at UVM. Students may not mix requirements from different catalogues.

Students who do not complete the degree within seven years must comply with the requirements in the catalogue current at the date of readmission. Disputed rulings may be appealed to the Committee on Academic Standing.

1. A student must earn a cumulative grade-point average of 2.00 in a program consisting of a minimum of 120 credits for a Bachelor of Music degree with a concentration in performance. Students receiving degrees from the College of Arts and Sciences may apply no more than eight credits of physical education toward the 120 required for graduation. Courses taken on a pass/no pass basis may not be used toward the completion of any requirement listed below under sections 3, 4, and 5.
2. Students must be matriculated in the College of Arts and Sciences and in residence at UVM during the period in which they earn 30 of the last 45 credits applied toward their degree.
3. A student must complete the Distribution and General Requirements identical to that required for the Bachelor of Arts degree.
4. A student must complete a major with a concentration in performance by satisfying the requirements specified by the department, and by maintaining a cumulative grade-point average of 2.00 in the major field. Admission is by audition at the end of the first year. At least one-half of the credits used toward the major requirements must be taken at the University of Vermont. Of these, at least twelve credits must be at or above the 100-level. Application of credits earned elsewhere to completion of the major is subject to approval by the appropriate department chair or program director. No courses applied toward satisfaction of major requirements may be taken on a pass/no pass basis.
5. **Bachelor of Music (with optional minor) Degree**  
A student electing this degree program must satisfy all of the requirements specified in sections 1, 2, 3, and 4 (above) as well as: A student must complete an approved minor in a field other than the major by satisfying the requirements specified by the department or program supervising the minor and by maintaining a cumulative grade-point average of 2.00 in the minor field. Students electing a minor offered by the college must complete 96 credits in courses offered by departments and programs in the College of Arts and Sciences. The remaining 24 credits may be taken in courses offered by any academic unit at the University of Vermont. Students electing an approved minor offered by another school or college of the university must complete 84

credits in courses offered by the departments and programs in the College of Arts and Sciences. The remaining 36 credits, to include courses required for the minor, may be taken in courses offered by any academic unit of the University of Vermont. At least one-half of the credits used toward completion of the minor requirements must be taken at the University of Vermont, and application of credits earned elsewhere toward completion of the minor is subject to approval by the appropriate department chair or program director. No courses applied toward satisfaction of the minor requirements may be taken on a pass/no pass basis.

## REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE

Students must comply with the degree requirements as stated in a single catalogue edition in place during the time they are enrolled. The catalogue edition to be followed is the one in effect at the time the student matriculates at UVM, unless the student requests in writing to follow an edition that is published subsequently during his/her enrollment at UVM. Students may not mix requirements from different catalogues.

Students who do not complete the degree within seven years must comply with the requirements in the catalogue current at the date of readmission. Disputed rulings may be appealed to the Committee on Academic Standing.

1. A student must earn a cumulative grade-point average of 2.00 in a program comprised of a minimum of 120 semester credits. Students receiving degrees from the College of Arts and Sciences may apply no more than eight credits of physical education toward the 120 required for graduation. Of the 120 credits required, 96 credits must be taken in courses offered by departments and programs in the College of Arts and Sciences (except for the B.S. in biological science which requires 84 Arts and Sciences credits). The remaining 24 credits may be taken in courses offered by any academic unit of the University of Vermont, although no more than eight credits of military studies may apply toward the degree. Courses taken on a pass/no pass basis may not be used toward the completion of any requirement listed below under sections 4, 5, 6 and 7.
2. Students must be matriculated in the College of Arts and Sciences and in residence at UVM during the period in which they earn 30 of the last 45 credits applied toward their degree.
3. **Guidelines for a Second Bachelor's Degree**  
The Bachelor of Science in the College of Arts and Sciences is not a tagged degree. As a consequence, students who have completed a B.S. in Arts and Sciences will not receive a second degree should they complete an additional major within the same degree. If a B.S. graduate of Arts and Sciences is readmitted and/or completes an additional major beyond the one used toward the original diploma, the additional major and course work will be added to the transcript. A second degree will only be awarded when the additional course work completed satisfies the requirements for a different degree with a different major from
  - the one initially awarded (e.g., a B.S. graduate with a major in chemistry completes requirements for a B.A. in physics). Students who do not complete the degree within seven years must comply with the requirements in the catalogue current at the time of readmission.
4. **General Requirements**  
A student must complete the following courses which comprise the General Requirements for the Bachelor of Science degree. All courses used to satisfy these requirements must carry at least three credits and may not be taken on a pass/no pass basis. Each semester, Special Topics and cross-listed courses (095, 096, 195, 196, 295, 296) are offered which may meet General and Distribution Requirements. Contact the dean's office with questions about a specific course.  
Non-European Cultures: One course, other than a foreign language, which deals with non-European cultural traditions. (See footnote under Bachelor of Arts Distribution Requirements.)
5. **Distribution Requirements**  
A student must complete the Distribution Requirements for the Bachelor of Science degree by completing FIVE of the following SIX categories: (i) fine arts and literature (2 courses - one course in each area), (ii) foreign language (2 courses in the same language at the appropriate level), (iii) humanities (2 courses), (iv) natural sciences (2 courses with lab as defined by the major requirements), (v) mathematical sciences (2 courses as defined by the major requirements), or (vi) social sciences (2 courses). See Bachelor of Arts Distribution Requirements for the courses which fit into the remaining categories. No courses applied toward satisfaction of the Distribution Requirements may be taken on a pass/no pass basis.
6. A student must complete an approved major in the College of Arts and Sciences by satisfying the requirements specified by the department or program supervising the major, and by maintaining a cumulative grade-point average of 2.00 in the major field. Unless specifically required, no more than 50 credits in courses with the same departmental prefix may be used toward completion of the 120 credits required for graduation. At least one-half of the credits used toward the major requirements must be taken at UVM. Of these, at least twelve credits must be at or above the 100-level. Application of credits earned elsewhere toward completion of the major is subject to approval by the appropriate department chair or program director. No courses applied toward satisfaction of major requirements may be taken on a pass/no pass basis.
7. **Bachelor of Science (with optional minor) Degree**  
A student electing this degree program must satisfy all of the requirements specified in sections 1, 2, 3, 4, 5 and 6 (above), as well as:  
A student must complete an approved minor in a field other than the major by satisfying the requirements specified by the department or program supervising the minor and by maintaining a cumulative grade-point average of 2.00 in the minor field. Students electing a minor offered by the college must complete 96 credits in courses offered by departments and programs in the

College of Arts and Sciences. The remaining 24 credits may be taken in courses offered by any academic unit at the University of Vermont. Students electing an approved minor offered by another school or college of the university must complete 84 credits in courses offered by the departments and programs in the College of Arts and Sciences. The remaining 36 credits, to include courses required for the minor, may be taken in courses offered by any academic unit of the University of Vermont. At least one-half of the credits used toward completion of the minor requirements must be taken at the University of Vermont, and application of credits earned elsewhere toward completion of the minor is subject to approval by the appropriate department chair or program director. No courses applied toward satisfaction of the minor requirements may be taken on a pass/no pass basis. No more than two of the courses from Distribution Requirements may be applied toward the completion of the minor requirements. Only one course may be applied toward completion of both a major and a minor requirement. The minor grade-point average will be calculated from the first set of courses which satisfy the minor requirements. However, if a student's grade-point average in these courses falls below 2.00 and there are additional courses which are approved for inclusion in the minor, a student may elect to drop, for purposes of the grade-point average calculation, one course graded below C and to replace this course with an approved alternate.

## REGULATIONS

### GOVERNING INDEPENDENT STUDY

A student may receive credit for a project or program of independent study which is supervised by an academic department or program within the university. Such independent study projects may be carried out under registration in courses entitled Independent Study or Internship. All such projects must conform to university guidelines for independent study. There is no limit on the number of independent study credits which may be earned, but prior approval by the Committee on Honors and Individual Studies is required if a student wishes to select nine or more such credits in a single semester.

### GOVERNING COLLEGE HONORS

1. The College Honors program, designed for the superior student with unusual initiative and intellectual curiosity, provides an opportunity for a student to pursue two semesters (six credits) of independent research or a creative project under the direction of a faculty sponsor. Students in the College of Arts and Sciences may apply for College Honors if they have a cumulative GPA of 3.40 or higher at the time the application is submitted. The research or project must have been approved by the sponsoring department and by the Honors Committee. All application materials must be turned in to the committee by the deadlines posted on the College Honors website, typically during the first semester of the candidate's senior year. Students must present a satisfactory written report and pass an oral exam upon completion of the Honors project. Students who wish to consider undertaking a

College Honors project during the junior year should contact the office of the dean for information concerning the circumstances in which such an exceptional arrangement is possible.

2. Some departments in the college, including economics, English, geography, history, mathematics, and political science, sponsor departmental Honors programs. Participation in these programs is limited to those students who are specifically recommended by their department. Each department will define what is required to earn departmental Honors. A student who successfully completes this program is granted a degree with departmental Honors. These programs are administered directly by the sponsoring department and information concerning them may be obtained from faculty advisors.

### GOVERNING STUDY ABROAD

Students should refer to the general university regulations and procedures pertaining to study abroad. For Arts and Sciences students the following additional policies pertain to the application of credit earned in a study abroad program:

1. Regardless of the number of credits accepted in transfer by the university, a maximum of sixteen credits earned in a one-semester study abroad program will be applied toward satisfaction of degree requirements. For year-long programs, a maximum of thirty-two credits will be applied toward the degree.
2. Students must complete thirty of the last forty-five credits in residence at UVM. One-half of the credits applied toward the satisfaction of major requirements, including twelve credits at the 100-level or higher, must be completed at the University of Vermont. One-half of the credits applied toward the satisfaction of minor requirements must be completed at the University of Vermont.
3. Under no circumstances will a student in the College of Arts and Sciences be permitted to enroll in a university-sanctioned study abroad program while on trial.

### GOVERNING TRANSFER INTO THE COLLEGE

A student who wishes to transfer into the College of Arts and Sciences from another college or school at the university must comply with the Intercollege Transfer policy in the Academic and General Information section of this catalogue. Applications for internal transfer may be submitted to the dean's office at any time, and they will be reviewed on a continuous basis.

### GOVERNING ACADEMIC STANDARDS

The following criteria for academic trial and dismissal, while making allowances for the student in the first semester, are designed to encourage academic work of quality at least equal to the minimum required for graduation.

#### Trial

1. A student who earns a semester grade-point average higher than that which merits dismissal but below 2.00 is placed on trial.

In order to avoid dismissal from the university, a student who has been placed on trial must in the following semester earn a 2.00 semester average, enroll in all courses for a letter grade, and maintain a program of twelve or more credits. No student will be removed from trial until both the semester and cumulative averages are at least 2.00. A student who is on trial may not enroll in a university-sanctioned study abroad program.

2. **First-Year Students:** Following the first semester of enrollment, a student who earns a semester grade-point average higher than that which merits dismissal, but below 1.67, is placed on trial and must in the following semester satisfy the same probationary requirements as described above. All first-year students who have a cumulative grade-point average which is below 2.00 after completion of the second semester will be placed on trial.

### **Dismissal**

A student who does not satisfy the conditions of trial, or who earns a semester grade-point average of 1.00 or lower, or who earns failing grades in one-half of the semester credits attempted (excluding courses in physical education and military studies) will be dismissed for low scholarship. The period of dismissal is one year. Dismissed students must receive written approval from the College of Arts and Sciences dean's office before enrolling in any university course.

### **Readmission Following Dismissal**

A dismissed student who presents evidence of his/her ability to perform satisfactorily may be considered for readmission on trial. A student who has been dismissed for a second time will not be considered for readmission on trial until at least three years have elapsed. Further information regarding readmission may be obtained from the dean's office.