To graduate from the University of New Hampshire, baccalaureate and associate in arts students must fulfill four types of University requirements: writing, general education, degree, and major. For associate in applied science degree requirements, see page 142.

**University Writing Requirement**

As the cornerstone of any higher education, academic and disciplinary literacy is the concern of the entire faculty and the whole University curriculum. Understanding that literacy is a long-term development process, the University community is committed to the following goals for student writing and learning:

- Students should use writing as an intellectual process to learn material, to discover, construct, and order meaning.
- Students should learn to write effectively in various academic and disciplinary genres for professional and lay audiences.
- Students should learn to display competence with the generic features and conventions of academic language.

**Writing Intensive Courses**

All bachelor’s degree candidates are required to complete four “writing intensive” courses, which must include English 401 (Freshman Composition) and three additional “writing intensive” courses, one of which must be in the student’s major, and one of which must be at the 600-level or above. Specific courses that fulfill the writing requirement are listed at unhinfo.unh.edu/registrargeneducregistration.html. Some courses have both writing intensive and non-writing intensive versions, such as HIST 405 and HIST 405W. In those cases, only the sections attached to the “W” courses will be writing intensive.

Please note that some cross-listed courses are also writing intensive. For the most current information on cross-listed courses, visit the Web site listed above.

**General Education Program**

The general education program is designed to emphasize the acquisition and improvement of those fundamental skills essential to advanced college work, especially the abilities to think critically, to read with discernment, to write effectively, and to understand quantitative data. It aims to acquaint the student with some of the major modes of thought necessary to understanding oneself, others, and the environment. It seeks to develop a critical appreciation of both the value and the limitations of significant methods of inquiry and analysis. Its goal, moreover, is the student’s achievement of at least the minimal level of literacy in mathematics, in science and technology, in historical perspectives and the comprehension of our own and other cultures, in aesthetic sensibility, and in the diverse approaches of the humanities and the social sciences to understanding the human condition.

General education is intended to serve as a foundation for any major. It aims to go beyond the mastery of job-related skills and educate students so that they learn how to learn. The program is based on the premise that change is the dominant characteristic of our times and that the truly useful education stresses intellectual adaptability and the development of those problem-solving abilities, cognitive skills, and learning techniques vital to lifelong learning.

**General Education Requirements**

Students must fulfill the following general education requirements:

1. one course in writing skills, which must be taken during a student’s first year. This course will satisfy the English 401/Freshman Composition component of the writing requirement;
2. one course in quantitative reasoning, which must be taken during a student’s first year;
3. three courses in biological science, physical science, or technology, with no more than two courses in any one area;
4. one course in historical perspectives;
5. one course in foreign culture (may also be satisfied by approved study abroad programs);
6. one course in fine arts;
7. one course in social science; and
8. one course in works of philosophy, literature, and ideas.

General education requirements shall not be waived on the basis of special examinations or placement tests, except for the College Board Advanced Placement tests and the College Level Examination Program (CLEP) tests. The required courses cannot be taken on a pass/fail basis. No single course may be counted in more than one general education category. Academic departments may or may not permit general education courses to count toward requirements for a major. Each course must carry at least 3 credits to qualify for general education consideration.

The specific courses that fulfill each category of the general education requirements are printed below. Any course appearing in this list will fulfill a general education requirement if taken after September 1, 2005. For the most current listing of general education courses, go to: unhinfo.unh.edu/registrargeneduc/geneducreq.html.

1. **Writing skills**
   ENGL 401

2. **Quantitative reasoning**
   ADM 430‡
   ADMN 420
   BIOL 528
   CIS 425‡
   CS 405, 407, 410
   EREC 525
   HHS 540
   INCO 404B*
   MATH 419, 420, 424, 425
   PHIL 412, 550
   PSYC 402
   SOC 502

3. **Biological science, physical science, and technology**
   **Biological science**
   ANSC 401
   BIOL 407, 411, 412, 413‡, 414‡
   BSCI 405‡, 406‡, 431‡
   HMP 501
   INCO 404C*
   KIN 527, 607
   MICR 501
   MLS 444
   NR 410, 433
   NUTR 400
   PBIO 400, 412, 421, 582
   ZOOL 401, 402, 412, 474, 507, 508
### Physical science
- CHEM 401, 402, 403, 404, 405, 409
- ESCI 401, 402, 405, 409, 420, 450, 501
- GEOG 473
- INCO 404D*
- NR 504
- PHYS 401, 402, 406, 407, 408

### Technology
- BIOL 404, 520
- BSCI 421‡, 422‡
- CHE 410
- CIS 411‡, 515‡
- CS 401, 403
- ENE 520
- HHS 450
- HMP 444
- INCO 404E*
- NR 415, 435, 444, 502
- PBIO 405
- PHIL 447, 450
- PHYS 444
- TECH 444, 583

### 4. Historical perspectives
- CHEM 444
- CLAS 405, 406, 550
- ENGL 515
- GEOG 586
- HIST 405, 406, 410, 421, 422, 435, 436, 483, 497, 505, 506, 511, 512, 521, 522, 523, 531, 532, 565, 567
- HMP 505
- HUMA 510C†, 511C†, 512C†, 513C†, 514C, 515C
- INCO 404F*, 404G*
- ITAL 681A**, 682A***
- KIN 561
- POLT 403, 508
- RS 483

### 5. Foreign culture
- ANTH 411, 500, 512, 515, 650
- ARTS 695I
- CHIN 425, 503, 504
- ENGL 581
- FREN 425, 426, 503, 504, 525, 526
- GEOG 401, 402, 520, 541
- GERM 503, 504, 523, 524, 525
- GREK 503, 504, 505, 506
- HIST 425, 563
- INCO 404H*, 404J*, 404K*
- INTR 438‡
- ITAL 425, 503, 504, 525
- JPN 425, 503, 504
- LATN 503, 504
- NR 660
- POLT 553, 555, 556
- PORT 503, 504
- RUSS 425, 502, 503, 504
- SW 444, 525, 550
- WS 401, 444

### 6. Fine arts
- ARTS 431, 480, 487, 532, 570, 571, 572, 573, 574, 580, 581
- FREN 522
- HUMA 480A*, 510A†, 511A†, 512A†, 513A†, 514A, 515A†
- INCO 404L*, 404M*, 404N*, 480
- MUSI 401, 402, 501, 502
- PHIL 421
- SOC 580
- THDA 435, 436, 438, 450, 459, 461, 462, 463, 487, 546, 548, 583

### 7. Social science
- ANSC 405
- ANTH 412, 625
- CD 415
- CLAS 506, 550
- CMN 402, 455, 457
- ECN 411‡, 412‡
- ECON 401, 402
- EDUC 444
- ENGL 444B, 505
- EREC 411
- FS 525, 545
- GEOG 581, 582
- GERO 600
- HHS 510
- HMP 401
- HUMA 510D†, 511D†, 512D†, 513D†, 514D, 515D†
- INCO 401, 402, 404O*, 404P*, 404R*, 404S*
- KIN 560
- LING 444B, 505, 506
- NURS 535
- NUTR 405
- POLT 402, 444, 504, 505, 560, 564, 565, 597
- PSYC 401, 444
- RMP 444, 490, 550, 570
- SOC 400, 500, 520, 530, 540
- SW 444, 525, 550
- WS 401, 444

### 8. Works of literature, philosophy, and ideas
- AMST 444A, 501, 502
- ANTH 450
- BIOL 444
- CLAS 401, 402, 421, 422, 500
- CMN 456
- ECS 400
- FREN 500, 521, 651, 652
- GEOG 587
- GERM 500, 520, 521
- HIST 484
- HUMA 401, 411†, 412†, 480B**, 500, 510B†, 511B†, 512B†, 513B†, 514B, 515B†, 519†, 520†, 650, 651
- INCO 404T*, 404U*, 404W*, 404Y*, 450
- ITAL 500, 521, 522, 651, 652, 681B***, 682B***
- LLC 440, 444
- PHIL 401, 417, 424, 430, 435, 436, 444, 520, 525, 530, 540, 560, 570, 630, 660
- POLT 401, 407, 520, 521, 522, 523, 524
- PORT 500
- PSYC 571
- RMP 511
- RS 484
- RUSS 426, 500, 521, 522, 593
- SPAN 500, 521, 522, 650, 651, 652, 653, 654

*Available only to honors program students and others who have obtained special permission.

**Students may take either HUMA 480A or 480B but not both.

***Students may not receive credit for both ITAL 681A and 682A or 682B.

†For students who complete the entire sequence of HUMA 510, 511, 512, and 513, enrolling in different discussion sections each term, a fifth general education requirement (in foreign culture) will be waived, although additional credit hours will not be granted.

‡Offered only at UNHM (Manchester).
Degree Requirements

Requirements in this catalog apply to students who enter the University between July 1, 2005 and June 30, 2006. (Students who entered the University at an earlier time but who wish to change to the requirements of this catalog must apply to the appropriate office for the change.) Students will be held responsible for all work required for graduation and for the scheduling of all necessary courses. Students are each provided one free copy of the catalog that is in effect at the time of their entry to the University. Any other copies must be purchased, and availability cannot be guaranteed.

Modifications tend to occur in major programs during the period of students’ undergraduate careers. Students are expected to conform to these changes insofar as they do not represent substantive alterations in their course of study.

Note: Although the University will try to provide sufficient facilities so that students may pursue any major or curriculum for which they meet the requirements, such a privilege cannot be guaranteed, since rapidly increasing enrollment sometimes results in the overcrowding of required specialized courses. On occasion, students may remain in a crowded curriculum if they are willing to take certain courses during the summer session.

Bachelor of Arts

1. At least 128 credits in courses numbered 200–799, with a cumulative grade-point average of 2.00 for all courses taken at the University in which a grade is given.
2. Completion of the University general education requirements.
3. Completion of the University writing requirement.
4. For specific requirements, check individual departmental or program listings.

See also pages 63, 85, 98, 121, and 152.

Associate in Arts

1. Completion of at least 64 credits with a minimum grade-point average of 2.00.
2. Completion of two “writing intensive courses,” one of which must be ENGL 401, Freshman Composition.
3. Completion of general education requirements as follows (no pass/fail allowed):
   a. one course in writing skills. This course will satisfy the ENGL 401, Freshman Composition, component of the writing requirement;
   b. one course in quantitative reasoning;
   c. one course in the biological sciences, or physical sciences, or technology;
   d. three courses chosen from the following, with no more than one from each category: historical perspectives; foreign culture; fine arts; social science; works of philosophy, literature, and ideas.

Up to four of the six required courses used to satisfy the general education requirements may be prescribed. A list of courses that may be used to meet these requirements will be available from an adviser.
4. A minimum of four courses freely selected by the student.
5. The remaining courses or credits may be earned in elective general education courses.
6. The last 16 credits must be University of New Hampshire courses completed at UNH following admission and matriculation, unless permission is granted to transfer part of this work from another institution.

Bachelor of Fine Arts, Bachelor of Music

Requirements for the B.F.A. degree are on page 31; for the B.M. degree, on page 51.

Bachelor of Science

1. At least 128 credits in courses numbered 200–799, with a cumulative grade-point average of 2.00 for all courses taken at the University in which a grade is given.
2. Completion of the University general education requirements.
3. Completion of the University writing requirement.
4. For specific requirements, check individual departmental or program listings.

See also pages 63, 85, 98, 121, and 152.

Associate in Applied Science

For degree requirements, see page 142.

Dual Degrees

The opportunity to pursue simultaneously two undergraduate degrees enhances and broadens the education of certain students. The program is only for those students who can adequately handle the requirements for two different degrees and who can reasonably allocate the additional time and effort needed for the program. Except for specific five-year degree programs (page 22), a student may not pursue two different degree levels simultaneously.

Requirements

1. Students desiring dual degrees must petition the college dean or deans involved for permission.
2. Students must have a minimum 2.50 cumulative grade-point average.
3. Students planning to take one degree in a highly prescribed curriculum should register as freshmen in the appropriate school or college for that curriculum.
4. It is expected that candidates for two degrees will complete 32 credits beyond those required for the first degree.
5. Students can earn more than one baccalaureate degree from another accredited institution may pursue an additional baccalaureate degree at the University of New Hampshire provided they fulfill the previously listed requirements. The degree received at the first institution will be accepted by UNH as awarded by that institution.

Transfer students already holding a baccalaureate degree from another accredited institution may pursue an additional baccalaureate degree at the University of New Hampshire provided they fulfill the previously listed requirements. The degree received at the first institution will be accepted by UNH as awarded by that institution.

 Bachelor of Fine Arts, Bachelor of Music

Requirements for the B.F.A. degree are on page 31; for the B.M. degree, on page 51.

Bachelor of Science

1. At least 128 credits in courses numbered 200–799, with a cumulative grade-point average of 2.00 for all courses taken at the University in which a grade is given.
2. Completion of the University general education requirements.
3. Completion of the University writing requirement.
4. For specific requirements, check individual departmental or program listings.

See also pages 63, 85, 98, 121, and 152.

Associate in Arts

1. Completion of at least 64 credits with a minimum grade-point average of 2.00.
2. Completion of two “writing intensive courses,” one of which must be ENGL 401, Freshman Composition.
3. Completion of general education requirements as follows (no pass/fail allowed):
   a. one course in writing skills. This course will satisfy the ENGL 401, Freshman Composition, component of the writing requirement;
   b. one course in quantitative reasoning;
   c. one course in the biological sciences, or physical sciences, or technology;
   d. three courses chosen from the following, with no more than one from each category: historical perspectives; foreign culture; fine arts; social science; works of philosophy, literature, and ideas.

Up to four of the six required courses used to satisfy the general education requirements may be prescribed. A list of courses that may be used to meet these requirements will be available from an adviser.
4. A minimum of four courses freely selected by the student.
5. The remaining courses or credits may be earned in elective general education courses.
6. The last 16 credits must be University of New Hampshire courses completed at UNH following admission and matriculation, unless permission is granted to transfer part of this work from another institution.

Associate in Applied Science

For degree requirements, see page 142.

Dual Degrees

The opportunity to pursue simultaneously two undergraduate degrees enhances and broadens the education of certain students. The program is only for those students who can adequately handle the requirements for two different degrees and who can reasonably allocate the additional time and effort needed for the program. Except for specific five-year degree programs (page 22), a student may not pursue two different degree levels simultaneously.

Requirements

1. Students desiring dual degrees must petition the college dean or deans involved for permission.
2. Students must have a minimum 2.50 cumulative grade-point average.
3. Students planning to take one degree in a highly prescribed curriculum should register as freshmen in the appropriate school or college for that curriculum.
4. It is expected that candidates for two degrees will complete 32 credits beyond those required for the first degree.
5. Students can earn more than one baccalaureate degree from another accredited institution may pursue an additional baccalaureate degree at the University of New Hampshire provided they fulfill the previously listed requirements. The degree received at the first institution will be accepted by UNH as awarded by that institution.

Transfer students already holding a baccalaureate degree from another accredited institution may pursue an additional baccalaureate degree at the University of New Hampshire provided they fulfill the previously listed requirements. The degree received at the first institution will be accepted by UNH as awarded by that institution.
Supervision
As soon as a student is accepted as a candidate for two degrees, the appropriate dean(s) will appoint supervisors for each of the proposed majors. The supervisors and the student will work out a basic course plan for the two degrees and inform the appropriate dual degree dean(s) of the plan. The supervisors will maintain joint control over the student’s academic program. The college offices and the supervisors will receive copies of grade reports and other records for students pursuing two degrees.

Minimum Graduation Average
A cumulative grade-point average of 2.00 in University of New Hampshire courses is the minimum acceptable level for undergraduate work in the University and for graduation. In addition, some majors require a grade-point average greater than 2.00 in certain courses or combinations of courses. The Academic Standards and Advising Committee examines the records of students periodically and may place academically deficient or potentially deficient students on warning, or may exclude, suspend, or dismiss those who are academically deficient.

Quota of Semester Credits
Students registering for more than 20 credits must receive the approval of the college dean.
Baccalaureate and Associate in Arts undergraduates are assigned class standing on the basis of semester credits of academic work completed with a passing grade, as follows: to be a sophomore—26 credits; to be a junior—58 credits; to be a senior—90 credits.

Residence
“Residence” means being enrolled in University of New Hampshire (including UNH Manchester) courses after admission to and matriculation in a degree program. Students who are candidates for a bachelor’s degree must attain the last one-quarter of total credits for the degree in residence unless granted permission by the Academic Standards and Advising Committee to transfer part of this work from other accredited institutions.

Leave of Absence or Withdrawal from the University
Students who leave the University are required to file formal notification with the registrar.

Majors, Minors, and Options
Majors and some interdisciplinary minors are described under their various schools and colleges; other interdisciplinary and inter-college minors are described in the section on Special University Programs.

Student-Designed Majors
See page 133 for requirements for a student-designed major.

Second Majors
Bachelor’s degree students may choose to fulfill the requirements of two dissimilar major programs, provided they obtain the approval of their principal adviser and the dean(s) of the college(s) in which the programs are offered, and comply as follows:
1. If the two majors are offered in different schools or colleges within the University, the admissions requirements of each must be satisfied.
2. If the two majors have two distinct degrees, e.g., B.A., B.S., or some other designated degree, students must choose which of the two degrees is to be awarded and fulfill all requirements for that degree.
3. No more than 8 credits used to satisfy requirements for one major may be used as requirements for the other major.

Minors
Bachelor’s degree students may earn a minor in any undergraduate discipline designated by the University. A list of minors is available from the advising coordinator in each college or school (or see the program descriptions for each college or school in this catalog). Students must consult with their major adviser and the minor supervisor. A minor typically consists of 20 credits with C- or better and a 2.00 grade-point average in courses that the minor department approves. Courses taken on the pass/fail basis may not be used for a minor. No more than 8 credits used to satisfy major requirements may be used for the minor. Students should declare an intent to earn a minor as early as possible and no later than the end of the junior year. During the final term, an application should be made to the dean to have the minor shown on the student’s transcript.

Options
Some degree programs offer a selection of options (e.g., art history and art studio through the Department of Art and Art History). These concentrations allow students to specialize within a discipline. The choice of option is recorded on the student’s transcript.

Grades
Grading and honors policies as stated in this catalog apply to all undergraduate students. Instructors assign grades as listed below; grade points per credit are indicated in parentheses. For all undergraduate courses, grading standards established by the Academic Senate are that a C indicates competent, acceptable performance and learning; B indicates superior performance and learning; and A indicates excellent performance and learning. These standards apply to all undergraduate courses, instructors, departments, subjects, and colleges. The University reserves the right to modify grading and honors practices.

A (4.00) Excellent
A- (3.67) Intermediate grade
B+ (3.33) Intermediate grade
B (3.00) Superior
B- (2.67) Intermediate grade
C+ (2.33) Intermediate grade
C (2.00) Satisfactory, competent
C- (1.67) Intermediate grade
D+ (1.33) Intermediate grade
D (1.00) Marginal grade
D- (0.67) Intermediate grade
F (0.00) Failure: academic performance so deficient in quality as to be unacceptable for credit

AF (0.00) Administrative F (usually indicates student stopped attending without dropping the course); is included in grade-point average
CR Credit; given in specific courses having no letter grades, designated credit/fail
P Passing grade in a course taken under the student pass/fail grading alternative
W Withdrawal—assigned if withdrawal is later than fifth Friday of classes (but not after midterm); is not included in grade-point average
WP Withdrawal—assigned if withdrawal is after mid-semester and if student is passing; is not included in grade-point average
WF  Withdrawal—assigned if withdrawal is after mid-semester and if student is failing; is included in grade-point average

AU  Audit—no credit earned

IC  Grade report notation for student’s incomplete coursework

IA  Indicates “incomplete” in a thesis or continuing course of more than one semester; the grade earned will replace “IA” assigned in previous semesters

IX  Grade not reported by instructor

Students earning a semester or cumulative grade-point average less than 2.00 are placed on “academic warning.”

Pass/Fail

While earning a bachelor’s degree, students may choose the pass/fail grading alternative for a maximum of 4 credits per semester up to a total of 16 credits toward the degree.

Pass/fail cannot be used for general education requirements, for writing intensive courses, for courses required by a student’s major or second major, for option or minor requirements, for ENGL 401, or for repeated courses. In addition, B.A., B.F.A., and B.M. degree candidates may not use pass/fail for courses taken to meet the foreign language requirement, and no Whittemore School course may be taken on a pass/fail basis by a student majoring in administration, economics, or hospitality management.

The minimum passing grade for credit is a D- (0.67); any grade below this minimum is a fail. All grades will be recorded on the grade roster as A, B, C, D, F, or intermediate grades. The pass/fail marks will be placed on students’ transcripts and grade reports by the Registrar’s Office. The course will not be included in the grade-point calculation, but the pass or fail will be recorded, and in the case of a pass, the course credits will be counted toward degree requirements.

Associate in Arts students, see page 18.

Honors

An undergraduate degree student, after completion of at least 12 graded credits in University of New Hampshire courses, is designated as an honor student for a given semester if the student has (a) completed at least 12 graded credits for that semester and earned at least a 3.20 semester grade-point average; or (b) earned at least a 3.20 cumulative grade-point average and at least a 3.20 semester grade-point average regardless of the number of graded credits that semester.

These categories are used: 3.20 to 3.49 (honors); 3.50 to 3.69 (high honors); and 3.70 to 4.00 (highest honors).

Bachelor’s degree candidates who have earned honors for their entire work at the University will be graduated with honors based on the final cumulative grade-point average, provided that a minimum of 64 graded credits have been completed in University of New Hampshire courses. The Latin equivalent of the honors classification will appear on the student’s academic record and diploma. The student’s honors classification will be noted in the commencement program.

Academic Honesty

Academic honesty is a core value at the University of New Hampshire. The members of its academic community both require and expect one another to conduct themselves with integrity. This means that each member will adhere to the principles and rules of the University and pursue academic work in a straightforward and truthful manner, free from deception or fraud. The academic policy can be found in the annual publication, Student Rights, Rules, and Responsibilities.