

# Colby-Sawyer College

A photograph of the top of a white building with a brown copper dome and a weather vane, set against a blue sky with clouds. The weather vane is ornate and features a central figure. The building has a balcony with white balustrade and arched windows.

2011–2012 Curriculum Guide

# Curriculum Guide 2011–2012



## Colby-Sawyer College

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New London, NH 03257

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[www.colby-sawyer.edu](http://www.colby-sawyer.edu)

## Notice of Nondiscrimination

Under institutional policy, as well as under state and federal law (including Title IX of the Education Amendments of 1972 and the Age Discrimination Act), Colby-Sawyer College is committed to being an inclusive and diverse campus community which celebrates multiple perspectives. As an equal opportunity employer, Colby-Sawyer does not discriminate in its hiring, employment or admissions practices on the basis of gender, race or ethnicity, color, national origin, religion, age, mental or physical disability, family or marital status, sexual orientation, veteran status, genetic information, or gender identity.

Colby-Sawyer College has designated multiple individuals to coordinate its non-discrimination compliance efforts. Questions, complaints, or concerns about issues of discrimination or harassment, including complaints of sex discrimination in violation of Title IX and age discrimination in violation of the Age Discrimination Act, may be directed as follows:

- For students: associate dean of students, Ware Campus Center, room 203; phone: 603-526-3755.
- For non-faculty employees: director of human resources, Colgate 123; phone: 603-526-3740.
- For faculty: academic vice-president and dean of faculty, Colgate 131; phone: 603-526-3760.

In addition, complaints of discrimination on the basis of sex may be directed to: Assistant Secretary, United States Department of Education, 400 Maryland Avenue SW, Washington, D.C. 20202.

Colby-Sawyer College has adopted grievance procedures to respond to complaints of discrimination or harassment, as follows:

- For complaints about students: Student Handbook, Section-Academic and Student Life Standards of Conduct
- For complaints about non-faculty employees: Staff Handbook, Section 2
- For complaints about faculty: Faculty Handbook, Section 2.10.3 and 2.10.4

The *Colby-Sawyer College Curriculum Guide* represents the college's best academic, social and financial planning at the time the curriculum guide is published. Course and curriculum changes; modifications of tuition, housing, board and other fees; plus unforeseen changes in other aspects of Colby-Sawyer life sometimes occur after the curriculum guide has been printed but before the changes can be incorporated into a later edition of the same publication. For this reason, Colby-Sawyer College does not assume a contractual obligation with any party concerning the contents of this curriculum guide. A copy of audited financial statements is available upon receipt of written request.

## Table of Contents

<b>The Curriculum</b> .....	<b>2</b>	Mathematics .....	124
Liberal Education Program.....	3	<b>Media Studies</b> .....	126
Baccalaureate Degrees .....	9	<b>Multidisciplinary Studies</b> .....	136
Associate Degree .....	11	Music.....	138
Minors .....	11	<b>Nursing</b> .....	140
<b>Majors and Course Offerings</b> .....	<b>12</b>	Pathway.....	147
American Studies.....	13	<b>Philosophy</b> .....	153
<b>Arts</b> .....	14	Physics.....	158
<b>Art History</b> .....	15	<b>Psychology</b> .....	159
<b>Studio Art</b> .....	20	Religious Studies .....	166
<b>Graphic Design</b> .....	24	Science.....	167
<b>Biology</b> .....	35	<b>Sociology</b> .....	169
<b>Business Administration</b> .....	43	Theatre.....	174
Chemistry.....	52	Washington Internship Affiliation.....	177
<b>Child Development</b> .....	54	Women's Studies.....	179
Dance.....	60	<b>Writing</b> .....	180
Economics.....	62	<b>Additional Curricular Opportunities ...</b>	<b>186</b>
<b>Education</b> Early Childhood.....	64	Independent Study.....	187
<b>English</b> .....	68	Internships .....	187
<b>Environmental Science</b> .....	76	Research Assistantships.....	188
<b>Environmental Studies</b> .....	79	Teaching Assistantships .....	189
<b>Exercise and Sport Sciences</b> .....	86	Wesson Honors Program .....	190
<b>Athletic Training</b> .....	87	Study Abroad.....	191
<b>Exercise Science</b> .....	90	<b>Academic Policies</b> .....	<b>195</b>
<b>Sport Management</b> .....	92	Graduation Requirements .....	196
Government.....	104	Course Credit and Course Load .....	197
<b>Health Care Management</b> .....	105	Grading System .....	199
<b>Health Studies</b> .....	107	Satisfactory Progress and Standing ...	202
<b>Health Promotion and Wellness</b> ..	107	Athletic Eligibility.....	204
<b>Public Health</b> .....	109	Academic Honesty .....	205
<b>History, Society and Culture</b> .....	114	Major Acceptance .....	212
Honors Program .....	121	FERPA .....	213
Humanities.....	122	Honors and Awards.....	215
Interdisciplinary Studies.....	122	Honor Societies .....	218
International Studies.....	122	Index .....	220

Programs that award degrees appear in bold print.

## NEASC

New England Association  
of Schools and Colleges  
Accredited Member

Colby-Sawyer College is accredited by the New England Association of Schools and Colleges Inc., through its Commission on Institutions of Higher Education. Inquiries regarding the accreditation status by the NEASC should be directed to the administrative staff of the institution. Individuals also may contact

Commission on the Institutions of Higher Education  
New England Association of Schools and Colleges  
209 Burlington Road  
Bedford, MA 01730-1433, USA  
(781) 271-0022, Fax (781) 271-0950 • [www.neasc.org/cihe/cihe.htm](http://www.neasc.org/cihe/cihe.htm)

# The Curriculum



## The Curriculum

### An Overview of the Curriculum

The Colby-Sawyer curriculum is an expression of the belief that in this rapidly changing and pluralistic world the best undergraduate education is grounded in the liberal arts and sciences.

### Liberal Education Program

The goals of the liberal education program are to provide students with the skills needed to do successful college-level work, to obtain exposure to and to appreciate the integration of a variety of disciplinary areas. Students must complete the five components of the Liberal Education Program: Proficiencies, Pathway, Exploration Courses, Capstone, and Portfolio.

### 1. Proficiencies

*Purpose:* To ensure that students master the skills they will need to perform effectively in the classroom and as members of the college community.

#### Requirements

**Writing Proficiency–WRT 105: Writing I** (students must earn a minimum grade of C)

It is the purpose of the writing proficiency to initiate students into the rigors and rewards of academic writing. Through assignments including the academic argument, the research paper, and the personal essay, the course seeks to build solid foundations in each of four areas critical to written work at the college level and beyond: rhetoric, critical thinking/reading, processes, and conventions. Students leaving the course will recognize that learning to write well is a lifelong process requiring time, practice and diligence. It is assumed that skills acquired in the writing proficiency course will be reinforced across the curriculum as students continue their education at the college.

#### Learning Objectives

1. recognize and employ a variety of rhetorical strategies to create essays, arguments and research papers;
2. develop the critical reading, writing and thinking skills needed to enter scholarly conversations with thinkers from both within and without the college community;
3. understand writing as a process that involves prewriting, writing and rewriting;
4. practice the conventions of academic writing;
5. become acquainted with library resources; and
6. learn to give, receive and evaluate criticism of written work.

### Quantitative Literacy—Any math course numbered 122 or above

The underlying purpose of the quantitative literacy proficiency at Colby-Sawyer College is to teach students the necessary skills and tools to understand and use quantitative information to function effectively in their personal, public, and professional lives. An educated citizen in our increasingly information centered world must efficiently gather information, analyze and use it to make well-reasoned decisions on a variety of issues. The ability to display quantitative information is also an integral part of effective communication skills. Skills acquired in the quantitative literacy proficiency course will be reinforced across the curriculum as students continue their education at the college.

#### Learning Objectives

1. apply basic arithmetical, algebraic and geometric tools in everyday settings and distinguish between the appropriate use and misuse of numerical information;
2. use inductive and deductive thinking skills and understand fallacies in logic;
3. understand, correctly summarize, and use quantitative information given in the form of descriptive statistics and graphical displays;
4. use hypothetical reasoning to develop and test hypotheses and to draw correct inferences and make well reasoned decisions from collected data; and
5. improve students' attitude toward and confidence in using quantitative subjects and tools.

## 2. Pathway\*

*Purpose:* To ensure that students develop the ability to integrate knowledge from several disciplines.

#### Goals of the Pathway:

- to introduce students to the demands and pleasures of rigorous intellectual endeavors and to develop good habits of the mind;
- to help students construct their own knowledge;
- to develop students' ability to work collaboratively in a community of co-learners;
- to help students appreciate the interconnectedness of knowledge from different disciplines across the breadth of human experience; and
- to help students achieve the clarity and perspective to choose an area of concentration while gaining the tools and experience to carry out upper level study.

\* Colby-Sawyer College would like to acknowledge our colleagues at the University of Oregon whose work inspired our use of the term Pathway and helped shape our thinking as we developed our liberal education model.

### Requirements

Each Pathway is a set of five courses that all relate to a theme. A variety of Pathway choices are offered each fall semester. This year's Pathway choices are listed in the Major Programs and Course Offerings section of this curriculum guide. A Pathway includes:

- PTH 101: First Year Seminar. This three-credit seminar is taken in the first semester.
- Three Stepping Stone courses chosen from the Exploration Areas required as part of individual Pathway courses. These courses must be completed by the end of the fourth semester. They fulfill Exploration requirements (listed below), and some may also fulfill requirements of the major.
- PTH 201: Sophomore Seminar. This three-credit seminar is taken in the fourth semester.

Students who do not earn a passing grade in PTH 101: First Year Seminar, must enroll and successfully complete another First Year Seminar as soon as one is offered. Students also must successfully complete the three Stepping Stone courses before or during the semester in which they enroll in PTH 201: Sophomore Seminar.

#### Transfer Students

Students who transfer less than 24 credits to Colby-Sawyer must complete each of the Pathway requirements including the First Year and Sophomore Seminars and three Stepping Stone courses. The registrar determines if transfer credit will be awarded for a course that is the equivalent of a Stepping Stone course.

Students who transfer at least 24 credits are exempt from the First Year Pathway Seminar. However, the remainder of the Pathway courses, three stepping Stone courses and the Pathway Sophomore Seminar are required. Transfer Students must officially declare a Pathway by submitting the completed Intent to Declare a Pathway form to the registrar's office no later than the first week of classes for the first semester of the student's enrollment.

## 3. Exploration Courses

*Purpose:* To ensure that students develop a breadth of understanding and perspective in the arts and sciences.

#### Goals of the Exploration Courses are:

- to foster interdisciplinary thinking;
- to emphasize the connectedness of learning;
- to allow the student to acquire breadth of understanding and perspective; and
- to support the free exploration of ideas and perspectives.

#### Requirements

Students are required to take a total of nine Exploration courses (9 courses, 28–29 credits).

Six of the nine courses will come from the following Exploration areas (6 courses, 19 credits):

Fine and Performing Arts	1 course—3 credits
History	1 course—3 credits
Humanities	1 course—3 credits
Literature	1 course—3 credits
Science	1 course—4 credits
Social Sciences	1 course—3 credits

Two more courses will come from selecting one course from two of the following areas (2 courses, 6 credits):

Environmental Literacy	Media Literacy
Global Perspectives	Wellness

The remaining one course is chosen by the student from any of the ten Exploration areas listed above.

## Exploration Areas

### Environmental Literacy

Environmental literacy involves an understanding of the interrelations of natural and social-cultural systems and the ways in which human agency can both degrade and sustain the environment. Environmental literacy courses examine environmental issues through several methods and analytical frameworks and offer an experiential learning component so that students can directly explore environmental responsibility. The study of environmental literacy provides students the opportunity to study, reflect and explore ways of responding to one of the greatest challenges confronting humanity: ensuring a sustainable future for the human species and the planet.

*Courses:* BUS 321; ENV 100, 207, 321; PHI 312

### Fine and Performing Arts

The arts offer an understanding of culture through the study of art objects, visual communication, live theatre, dance and movement studies, music, voice and writing. These arts courses are interdisciplinary in nature and require an understanding of cultural and historical contexts to grasp the intent of the artist. The study of the fine and performing arts provides students with a comprehensive view of the ways artists make work within the historical, scholarly, and technical frameworks of the visual arts, performance arts.

*Courses:* ART 100, 110, 125, 230, 234, 240, 245, 260, 270; COM 101; DAN 110, 120, 130, 240; MUS 103; THE 102, 140, 201, 230; WRT 201

### Global Perspectives

Global perspectives involve an understanding of the power, responsibility and challenge associated with membership in a global community, economy and environment. Global perspectives courses provide an understanding of the culture, values and histories of other societies and encourage the development of tolerance and broad-mindedness. The study of global perspectives offers students the opportunity to develop an invaluable perspective from which to

critique the assumptions and actions of our society and to appreciate the power of our society to influence world affairs.

*Courses:* BUS 323; COM 244; ENG 224, 248, 249; ESS 208; GOV 100; IST 101; PSY 221

### History

History is the record and story of life as experienced by individuals and communities in the past. History courses provide the opportunity to understand the development of political, economic and social institutions and the evolution of contemporary social issues. The study of history provides unique and essential insight into today's complex challenges and helps students develop the judgment necessary for thoughtful civic discourse and civil action.

*Courses:* AME 201; ARH 201, 202; HIS 101, 102, 217, 218; HIS/WII 230

### Humanities

The humanities foster capacities for intellectual imagination and vision through study of some of humanity's greatest works; works that explore the nature and meaning of human existence. Humanities courses use such works to inspire and instruct students in the inclusion of ethical, aesthetic and philosophical considerations into their decision making. In a rapidly changing world, the study of the humanities provides students a crucial means for the realization of their own potential and for educated and effective participation in democratic society.

*Courses:* PHI 100, 110, 111, 209, 213, 214, 221, 305; REL 100, 206, 234, 237; WST 111

### Literature

Literature utilizes a variety of textual forms and a variety of critical theories and interpretive methods to question, shape and order human experience. Literature courses focus on an in-depth body of imaginative literature (arranged for study by either chronology, culture, genre or theme) to challenge students to reflect on their own lives through an encounter with literary texts. The study of literature offers students the opportunity to enrich and deepen their own forms of self-knowledge and expression through textual analysis.

*Courses:* ENG 213, 215, 216, 218, 220, 221, 222, 226, 229, 231, 232, 244, 247, 251, 265; ENV 215

### Media Literacy

Media Literacy enhances the ability to attend to the world's tools of conversation, the communications media, because those tools are potent forces that shape the world through their influence on a culture's intellectual and social preoccupations. Media literacy courses are concerned with specific, identifiable techniques that each medium uses to construct reality and to transmit values. The study of media literacy offers students the opportunity to comprehend the full range of meanings imbedded in all strata of culture and to develop the ability to make the critical and ethical judgments necessary to participate meaningfully in a democratic society.

*Courses:* COM 203, 227, 235, 241, 243; ENV 204; WST 243

## Science

Science is a basic and formative part of the 21st-century world, and each citizen must make personal and public choices that require knowledge about the content and method of science. Science courses focus on basic scientific principles and methods, the powers and limits of the scientific method and the critical judgment and communication about scientific issues. The study of science offers students an introduction to the use of the scientific method to formulate and test hypotheses in a broad, interdisciplinary context applicable to the life of a non-scientist.

*Courses:* BIO 106, 107, 108; CHE 101; ENV 120, 201, 203; PHY 101; SCI 112, 130, 140

## Social Sciences

The Social Sciences focus on interactions among people, society and institutions, based primarily in the present. Social Sciences courses provide an understanding of society and an introduction to multiple methods of inquiry and modes of reasoning that require the use of evidence to test ideas. The study of the social sciences offers students the ability to explore the relationship between personal and social worlds and to develop responsibility not only to themselves but also to the broader society in which they live by integrating a variety of ideas into their own informed perspectives.

*Courses:* BUS 115; ECO 100, 101, 102; EDU 201; PSY 101; SOC 101

## Wellness

The Wellness model focuses on five integrated components of well-being: the spiritual, emotional, physical, intellectual and social self. Wellness courses provide the opportunity to reflect on the various aspects of life that have an impact on health and well-being, to identify factors detrimental to well-being and to shape choices and behaviors to improve well-being. The study of wellness offers students the opportunity to examine current science and literature to integrate health knowledge and make life choices in a considered and deliberate manner.

*Courses:* ESS 100; HEA 220; PSY 214; SCI 201

## 4. Capstone

*Purpose:* To ensure that all seniors will demonstrate their accumulated knowledge through action and effectively communicate their knowledge and actions to others in an interdisciplinary setting.

### Goal of the Capstone

The goal of the Capstone is to demonstrate the knowledge and expected outcomes of the major and of the liberal arts education.

The Capstone is one of the final courses in the major and is taken in the senior year. The Capstone differs from major to major; see course listings in each set of degree requirements.

## 5. Portfolio

*Purpose:* To provide students with an opportunity to concretely demonstrate how they have met the college learning outcomes.

### Requirements

The liberal education portfolio is a selective and reflective demonstration of the achievement of learning outcomes through students' experiences over their years of learning at Colby-Sawyer College, both inside and outside of the classroom. Students are authors of their own portfolios, which include reflections on a range of experiences across the major, across the liberal education program and across the college. The portfolio demonstrates personal and professional growth throughout the college years.

Portfolio elements include:

- writing portfolio assignments from WRT 105: Writing I;
- reflective pieces of writing from the PTH 101: Pathway First Year Seminar and PTH 201: Pathway Sophomore Seminar;
- material submitted in application for Major Acceptance and other material specified by the particular major;
- a piece of work from the junior year; and
- reflections and other material from the Capstone Experience.

## Baccalaureate Degrees

Colby-Sawyer offers a wide range of majors. The college awards the Bachelor of Arts, Bachelor of Fine Arts, and Bachelor of Science. Each of these degrees requires that students complete the Liberal Education Program and select a major from among those offered. A minimum grade point average of 2.00 and a minimum of 120 credits for the baccalaureate degree are required. Degrees are awarded at commencement, following approval by the faculty and the Board of Trustees. Degree requirements are described in more detail in the Majors and Course Offerings section of this curriculum guide.

The faculty and staff who serve as advisors and mentors for students take seriously their responsibility to assist students in planning and making decisions about course selection, choice of major, and career opportunities. Each student is responsible for ensuring that decisions are made in a careful and timely manner and that all of the degree requirements are met.

**Colby-Sawyer's Majors:****For the Bachelor of Arts Degree (B.A.)**

Art History  
 Art–Studio Art  
   Ceramics  
   Drawing  
   Graphic Design  
   Painting  
   Photography  
   Printmaking  
   Sculpture  
 Biology  
 Creative Writing  
 English  
 History, Society and Culture  
 Media Studies  
 Multidisciplinary Studies  
 Philosophy  
 Psychology  
 Sociology

**For the Bachelor of Fine Arts Degree (B.F.A.)**

Art–Studio Art  
   Ceramics  
   Drawing  
   Painting  
   Photography  
   Printmaking  
   Sculpture  
 Graphic Design

**For the Bachelor of Science Degree (B.S.)**

Athletic Training  
 Business Administration  
 Child Development  
 Environmental Science  
   Aquatic  
   Terrestrial  
 Environmental Studies  
 Exercise Science  
 Health Care Management  
 Health Studies  
   Health Promotion and Wellness  
   Public Health  
 Nursing  
 Sport Management

**Teacher Preparation Program**

Colby-Sawyer offers New Hampshire Teacher Certification in Early Childhood Education (N–3). Information on preparation for graduate school is in the Education Minor section of the curriculum guide.

**Note:** Whenever the state of New Hampshire changes certification standards, program requirements may change.

**Associate Degree**

Colby-Sawyer also offers a two-year degree in the Associate in Liberal Arts. Associate degree candidates follow the Liberal Education Program, which introduces them to the liberal arts and sciences, helps them to develop competency in writing and mathematics, and permits them to explore other fields. To earn an associate degree, students must earn a minimum 2.00 cumulative grade point average and complete 60 credits of study, including the requirements in liberal education. Students who earn the Associate Degree often continue for two more years to earn a baccalaureate degree. This progress toward the bachelors degree can readily be done at Colby-Sawyer or elsewhere.

**Minors**

Students pursuing baccalaureate degrees who wish to have a concentrated area of study in addition to their major may pursue one of the minor programs offered by Colby-Sawyer. Minors require at least 18 but no more than 24 credits taken in prescribed courses. A minimum of six credits must be at the 300–400 level. Students may take no more than three credits of independent study to satisfy minor requirements. No more than two courses completed to satisfy the requirements for a minor may be counted toward the requirements for any major or another minor. Declaration of Minor forms are available in the Registrar's Office.

The following minors are offered:

American Studies	Film Studies
Art History	Health Studies
Studio Art	History
Biology	International Studies
Business Administration	Media Studies
Chemistry	Philosophy
Child Development	Psychology
Education	Sociology
Environmental Studies	Women's Studies
English	Writing for Publication



# Majors and Course Offerings



## American Studies

### American Studies Minor

The minor in American studies stresses interdisciplinary coursework to provide the student with the opportunity for examining relationships among American disciplines, leading to a fuller understanding of American culture as a whole.

#### Requirements

The minor in American studies consists of 18 credits of study. A student must complete AME 201 and six credits of work in American studies at the 300 or 400 level. The other nine credits of work may be done in any other courses in American studies, American literature (ENG 215, 221, 222, 224, 226, 229, 247, 324, 333, 339) or American history (HIS 101, 102, 307, 309, 310, 323; HSC 250, 350) or in any of the following: ARH 315; COM 227, 235, 241, 325, 341; ENV 215, 323; GOV 202, 301; PHI 111; SOC 101, 203, 304; WST 111. Please refer to the Minor Programs section of the curriculum guide for further information.

### American Studies Course Offerings

#### AME 201 The West in American Culture

3 credits

Drawing on myriad interdisciplinary perspectives, this course examines the impact of the frontier experience and contact with the land from the Puritans to the present, considering how this contact has shaped American culture. Of particular interest is the way this experience has been depicted by frontier women and mythic Western heroes, Native Americans and environmentalists, 19th-century writers and artists, and 20th-century filmmakers. Offered fall.

Exploration Area: History

#### AME 250, 350 Topics in American Studies

1–3 credits

These courses offer students in-depth study of topics in American studies that are not part of the regularly scheduled course offerings. The topics are announced before registration.

#### AME 285, 485 Internships in American Studies

0–6 credits

AME 285 may be taken for 0–3 credits; AME 485 for 0–6 credits. Qualified juniors and seniors may arrange internships related to American studies with a member of the American Studies Program faculty. Internships are available in areas of teaching, journalism, law, government, museum curatorship, and library work. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Preinternship seminar, permission of the instructor

#### AME 295, 395, 495 Independent Study

1–3 credits

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction between course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent

study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**AME 305 The American Dream in Literature and Film** **3 credits**

This course examines the myths and realities associated with the American Dream of Success, as reflected in the literature and film from the past hundred years. After briefly tracing the history of this ideal, the course focuses on how it has been treated by modern writers and filmmakers, including Fitzgerald, Miller, Hellman, Salinger, Chaplin, Welles, Wilder and Spike Lee. Offered spring of odd-numbered years.

*Prerequisite:* One 200-level literature or film course

**AME/COM 341 History of U.S. Mass Media** **3 credits**

This course considers the development of U.S. mass media, with particular reference to significant influences of the 19th and 20th Centuries. Students examine a variety of media (newspapers, magazines, advertising, telegraph, motion pictures, radio, television, and the Internet) within the broad social contexts within which they were developed and operated. Offered fall.

*Prerequisite:* COM 203; or HIS 101 or 102

**AME 480 Teaching Assistantship** **1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

## Arts

The mission of the Department of Fine and Performing Arts is to provide rich educational opportunities in the visual arts, art history, and the performing arts, in an environment that encourages the interdisciplinary exploration of art, scholarship, and technology. The department offers BA and BFA programs in six studio art concentrations—Ceramics, Drawing, Painting, Photography, Printmaking, and Sculpture—as well as a BA or BFA in Graphic Design and a BA in Art History. The department offers minors in Studio Art and Art History and supports the integration of the fine arts with dance, music, theatre, and other performance-based media.

All programs emphasize individual ideation and expression, the relevance of continuing research, and the value of critical and creative thinking. Department

faculty are dedicated to promoting students' scholarship while developing their aesthetic perception, analytical capability, historical perspective, and sense of curiosity and exploration. All programs are designed to enrich student learning across the curriculum and support Colby-Sawyer's Liberal Education Program. Students are encouraged to engage in the intellectual life of the campus community and the larger world around them.

Information about opportunities in dance, music, and theatre can be found in other sections of this curriculum guide.

### Bachelor of Arts: Art History

The study of the history of visual culture is a vital component of the liberal arts model, providing students an understanding of how art and the built environment have responded to and shaped significant historical events, projected and constructed social meaning, and enriched human experience across cultural and geographical boundaries. It enables students to analyze and interpret the visual culture of their own world.

The Bachelor of Arts degree in Art History is intended for students considering a career in education, museum curatorship, historic preservation, art conservation, or a related historical field. The program begins with a two-semester introductory survey and fundamental studio work before continuing through intermediate-level courses in more focused historical and geographical areas. In order to gain an interdisciplinary perspective, students must integrate courses in other departments that complement their art historical interests. Students may arrange internships in an art historical field, although this is not a degree requirement. The major culminates in a senior seminar (which art history minors are also encouraged to take) and a Capstone thesis based on intensive, independent research.

#### Major Requirements—Art History

Liberal Education Program requirements

ART 125 and one introductory studio course chosen from: ART 110, 230, 234, 240, 245, 260, or 270

ARH 201, 202, 324, 325, 333, 401, 402

ARH 314 or 315

ARH 365 or 375 or 380

HSC 100

Two 100- or 200-level non-ARH courses from: AME 201; COM 203, 227, 235, 241, 244; COM/WST 243; ENG/ENV 215; ENG 221, 222, 226, 231, 232, 247, 265; HIS 101, 102, 217, 218; PHI 100, 221; PHI/WST 111; REL 100, 206, 234, 237; THE 202

Two non-ARH 300-level courses from the following: AME 305; AME/COM 341; ENG 317, 324, 339; ENG/WST 331; HIS 307, 309, 310, 317, 319, 321, 324; PHI 308

ARH 285 or 485 recommended

### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum average of C (2.00) in ARH 201 and 202, and HSC 100
- Liberal Education Portfolio review
- Brief personal statement on research and methodology

When applying for Major Acceptance, students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	Math Requirement
PTH 101	ART 125 or Intro. Studio Course
ARH 201	ARH 202
Liberal Education Course	Liberal Education Course
Elective	Elective
<b>Sophomore Year</b>	
ART 125 or Intro. Studio Course	PTH 201
HSC 100	Non-ARH 100/200-level
ARH 300-level or Liberal Education Course	ARH 300-level or Liberal Education Course
ARH 300-level	Liberal Education Course
Elective	Elective
<b>Junior Year</b>	
ARH 300-level or Liberal Education Course	ARH 300-level or Liberal Education Course
ARH 300-level or Liberal Education Course	ARH 300-level or Liberal Education Course
Non-ARH 100/200-level	Non-ARH 300-level or Elective
Elective	Liberal Education Course
Elective	Elective
<b>Senior Year</b>	
Non-ARH 300-level or Elective	ARH 300-level or Elective
ARH 300-level or Elective	ARH 300-level or Elective
ARH 401	ARH 402
Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

### Art History Minor

#### Requirements

The minor consists of 18 credits in the following required courses:  
One introductory studio course: ART 110, 125, 230, 234, 240, 245, 260, or 270

ARH 201, 202

Two courses from the following: ARH 314, 315, 324, 325, 333

One course from the following: ARH 365, 380; ARH/HIS 375

### Art History Course Offerings

#### ARH 201 History of Western Art I

**3 credits**

This course surveys developments in painting, sculpture, and architecture in Western cultures from pre-history through the Gothic period in Europe (ca. 1400 CE). While identifying typical formal characteristics of artistic production in various civilizations, the course emphasizes a fundamental historical understanding of those civilizations as well. Art and architecture are considered as expressions of specific contexts of culture, society, religion, and politics. Offered fall.

Exploration Area: History

#### ARH 202 History of Western Art II

**3 credits**

This course surveys developments in painting, sculpture, and architecture in Western cultures from the early Renaissance to the present. While identifying typical formal characteristics of artistic production in various periods, the course emphasizes a fundamental historical understanding of those periods as well. Art and architecture are considered as expressions of specific contexts of culture, society, religion, and politics. Offered spring.

Exploration Area: History

*Prerequisite:* ARH 201 strongly recommended, but not required

#### ARH 250, 350, 450 Topics in Art History

**1–3 credits**

These courses offer students in-depth study of topics in art history that are not part of the regularly scheduled course offerings. Topics are announced before registration. Offered fall and spring.

#### ARH 285, 485 Art History Internship

**0–6 credits**

An ARH 285 may be taken for 0–3 credits; ARH 485 for 0–6 credits. Qualified students may arrange internships of either 120 or 240 hours to gain on-site experience in fields related to art and architectural history, including museums and galleries, the college's Permanent Collection, historic preservation firms, auction houses, or other organizations. A faculty member serves as the student's sponsor. Students must submit an application to the Harrington Center and a study plan to the department chair for approval prior to beginning the internship. Upon completing the internship, students submit a written report to their faculty sponsor. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisite:* Permission of faculty sponsor and department chair.

Major Acceptance required for ARH 485

**ARH 295, 395, 495 Independent Study** 1–3 credits

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Students develop an independent study course in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ARH 314 European Art, 1400 to 1750** 3 credits

This course offers close study of the art and architecture of Europe from the Renaissance through the Rococo, a period that established fundamental artistic and theoretical traditions in modern culture. Major themes include the patronage of church and state, the cyclical popularity of aesthetic standards, the authority of academic institutions, and the rise of artistic professionalism and the art market. Offered fall of odd-numbered years.

*Prerequisite:* ARH 202 (ARH 201 recommended); relevant coursework in history acceptable with permission of the instructor

**ARH 315 American Art, 1600 to 1945** 3 credits

This course examines the history of American painting, sculpture, and occasionally architecture from the pre-colonial period to the mid-twentieth century. The course focuses on the United States and its evolving relationship with European traditions, considering issues of formal and visual analysis alongside questions of national identity, artistic independence, cultural and social change, and modernity. Offered spring of even-numbered years.

*Prerequisite:* ARH 202 (ARH 201 recommended); relevant coursework in history acceptable with permission of the instructor

**ARH 324 Nineteenth-Century Art** 3 credits

This course investigates the evolution of modern painting, sculpture, photography, and architecture, with a focus on Europe. From eighteenth-century Neoclassicism through the complex expressions of Symbolism and Art Nouveau around 1900, the course examines how artists and architects fashioned themselves and their work as modern, amidst unprecedented changes in industry and technology, political and economic structures, and social and national identity. Offered fall of even-numbered years.

*Prerequisite:* ARH 202 (ARH 201 recommended); relevant coursework in history acceptable with permission of the instructor

**ARH 325 Twentieth-Century Art** 3 credits

This course follows developments in painting, sculpture, photography, and art criticism in Europe and the United States during the twentieth century. From early avant-garde movements, through two World Wars and the Cold War, to the diverse expressions of Post-Modernism and contemporary trends, the course considers art's social and historical context while scrutinizing its formal and expressive characteristics. Offered spring of odd-numbered years.

*Prerequisite:* ARH 202 (ARH 201 recommended); relevant coursework in history acceptable with permission of the instructor

**ARH 333 History of East Asian Art and Culture** 3 credits

This course examines three major artistic traditions in East Asia: Indian, Chinese, and Japanese. Within a chronological and cultural framework, painting, architecture, sculpture and the decorative arts are examined and interpreted. Attention to the influence of religion, nature, and philosophy on the major art forms is central to this course. Offered spring of odd-numbered years.

*Prerequisite:* ARH 201 or 202

**ARH 365 Modern Architecture** 3 credits

The built environment is the most visible expression of cultural, social, and political history. This course explores architecture in Europe and the United States from the late-eighteenth century to the present, focusing on major buildings, architects, and patrons. While identifying characteristics of form and design, the course also raises issues of industrialization and technology, nationalism and historicism, modernity, and architectural training and theory. Offered spring of even-numbered years.

*Prerequisites:* ARH 201, 202

**ARH/HIS 375 Urbanism and City Planning in the Modern West** 3 credits

This course investigates urban planning in modern Europe and the United States, encompassing Renaissance, Baroque, and Neoclassical city design, industrialization and its urbanistic consequences, and the challenges that have faced cities and suburbs in the last century. Students consider the strategies (religious, propagandistic, aesthetic, commercial, reformist, utopian, etc.) that architects, theorists, social critics, politicians, and others have proposed for various urban contexts. Offered fall of even-numbered years.

*Prerequisites:* ARH 201 and 202, or relevant coursework in history acceptable with permission of the instructor

**ARH 380 History of Graphic Design** 3 credits

This course surveys graphic design from prehistory to the present. Within the context of cultural, socio-political, technological, and artistic movements, students examine the work of various nations and individuals who have shaped contemporary practice and theory. While focusing on graphic design, the course introduces parallel developments in industrial design and architecture. Assignments encourage students to examine historical influences in their own work. Offered fall.

*Prerequisites:* ARH 202 (ARH 201 recommended)

**ARH 401 Senior Seminar in Art History****3 credits**

The Senior Seminar is an intensive, student-driven forum for collective investigation, exchange, and research. With minimal guidance and facilitation from faculty, students determine topics and reading lists that provide the basis for weekly discussion. The course culminates in substantial student presentations of individual research. Offered fall.

*Prerequisites:* Senior standing and completion of at least two 300-level ARH courses

**ARH 402 Senior Thesis (Capstone)****3 credits**

The Senior Thesis is an independent research project of significant scale, involving considerable scholarly rigor, intellectual content, and depth of research. In addition to the written thesis, students orally present their research to their peers in a group forum. Offered spring.

*Prerequisites:* Major Acceptance and ARH 401

**ARH 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**Bachelor of Arts: Studio Art**

The Bachelor of Arts degree in Studio Art provides a broad study of the visual arts, based on a solid foundation in several studio disciplines and art history. Building their learning around the core of the liberal arts curriculum, studio art majors first complete a series of foundation and introductory courses in two- and three-dimensional design. Students select a concentration in one of seven areas: Ceramics, Drawing, Graphic Design, Painting, Photography, Printmaking, or Sculpture. Students are encouraged to continue experiments outside their concentration area, thus gaining a wider working knowledge of the arts. The Bachelor of Arts in Studio Art is recommended for students seeking depth of study in the fine arts while still exploring professional options outside of the field. This degree is also recommended for students pursuing the Education minor and intending graduate study in arts education.

In addition to the foundation and introductory courses, BA studio majors complete a three-course studio sequence in their area of concentration, the two-term art history survey, and two upper-level courses in art history. Seniors are required to prepare a formal presentation and exhibition of their work in the Mugar Art Gallery as part of their Capstone experience. Studio majors are encouraged to explore internship opportunities in the arts, either on or off campus.

**Major Requirements—Studio Art**

Liberal Education Program requirements

ART 110, 125, 132, 425

One course chosen from: ART 111, 112, 113, 114, 115, 116, 117, 118

ARH 201, 202

ART 245 or THE 230

Two Studio courses chosen from: ART 210, 213, 226, 230, 234, 239, 240, 245, 260, 270; THE 226

One Art History course chosen from: ARH 314, 315, 324, 325, 333, 365, 375, 380, 350; HIS 375

Two Concepts I courses chosen from (studio courses must be outside the student's area of concentration): ART 310, 311, 313, 319, 328, 330, 331, 334, 339, 340, 341, 345, 346, 360, 361, 370, 371; THE 319

One Concepts II course: AME 341; ARH 314, 315, 324, 325, 333, 365, 375, 380; COM 303, 310, 312, 316, 321, 325, 326, 328, 341, 360; DAN 320, 330, 340; ENG 317, 324, 331, 333, 335, 338, 339, 342; HIS 375; PHI 305, 308, 309, 312; THE 330, 340, 360; WRT 303, 311, 312, 326; WST 331, 360

Three 300–400-level Studio courses in one concentration area

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum average of C (2.00) in three courses: ART 110 or 125 or 132; ARH 201 or 202; and one 200-level introductory studio course
- A portfolio review by art department faculty
- Artist's statement

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	Math Requirement
ART 110 or 125	ART 125 or 110
PTH 101	Intro. Studio Course or ART 132
Liberal Education Course	Liberal Education Course
Elective	Elective
<b>Sophomore Year</b>	
ART 132 or Intro. Studio Course	Intro. Studio Course
ARH 201	Intro. Studio Course
Liberal Education Course	ARH 202
Liberal Education Course	PTH 201
Elective	Liberal Education Course

**Suggested Registration** (continued)

<i>Fall</i>	<i>Spring</i>
<b>Junior Year</b>	
Intro. Studio Course	Intro. Studio Course
ARH 300-level Course or Liberal Education Course	Studio Concentration Course Liberal Education Course or ARH 300-level Course
Liberal Education Course	
Elective	Elective
Elective	Elective
<b>Senior Year</b>	
Studio Concentration Course	Studio Concentration Course
ARH 300-level Course	ART 425
Elective	Elective
Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

**Bachelor of Fine Arts: Studio Art**

The Bachelor of Fine Arts degree in Studio Art provides intensive study of the visual arts and prepares students for careers as professional artists and designers. Building their learning around the core of the liberal arts curriculum, BFA students first complete a series of foundation and introductory courses in two- and three-dimensional design. Students select a concentration in one of six areas: Ceramics, Drawing, Painting, Photography, Printmaking, or Sculpture. Students are encouraged to continue experiments outside their concentration area, thus gaining a wider working knowledge of the arts. The essential purpose of the BFA in Studio Art is to develop students' creative and critical thinking alongside strong studio skills and technical abilities, ensuring a solid foundation for graduate-level study and a professional career in the fine arts.

In addition to the foundation and introductory courses, BFA studio majors complete a four-course studio sequence in their area of concentration, the two-term art history survey, and three upper-level courses in art history. Seniors are required to prepare a formal presentation and exhibition of their work in the Mugar Art Gallery as part of their Capstone experience. BFA students are strongly encouraged to explore internship opportunities in the arts, either on or off campus.

**Major Requirements—Studio Art (BFA)**

Liberal Education Program requirements

ART 110, 125, 132; ART 245 or THE 230

One course chosen from: ART 111, 112, 113, 114, 115, 116, 117, 118

ART 425, 491

ARH 201, 202

Five Introductory Studio courses chosen from: ART 210, 213, 226, 230, 234, 239, 240, 245, 260, 270; THE 226

Three Art History courses chosen from: ARH 314, 315, 324, 325, 333, 365, 380; ARH/HIS 375

Two Concepts I courses chosen from (studio courses must be outside the student's area of concentration): ART 310, 311, 313, 319, 328, 330, 331, 334, 339, 340, 341, 345, 346, 350, 360, 361, 370, 371; THE 319

One Concepts II course chosen from: AME 341; ARH 314, 315, 324, 325, 333, 365, 375, 380; COM 303, 310, 312, 316, 321, 325, 326, 328, 341, 360; DAN 320, 330, 340; ENG 317, 324, 331, 333, 335, 338, 339, 342; HIS 375; PHI 305, 308, 309, 312; THE 330, 340, 360; WRT 303, 311, 312, 326; WST 331, 360

Three 300–400-level studio in one concentration area (ceramics, drawing, painting, photography, printmaking or sculpture)

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum average of C (2.00) in four courses: ART 110 or 125 or 132; ARH 201 or 202; and two 200-level introductory studio courses
- A portfolio review by art department faculty
- Artist's statement

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	ART 125 or 110
ART 110 or 125	Intro. Studio Course or ART 132
ARH 201 or Elective	Math Requirement
PTH 101	Liberal Education Course
Liberal Education Course	ARH 202 or Elective
<b>Sophomore Year</b>	
ART 132 or Intro. Studio Course	ART 245 or THE 230
Intro. Studio Course	Intro. Studio Course
ARH 201 or Elective	ARH 202 or Elective
Liberal Education Course	PTH 201
Elective or ART 129	Concepts I Course
<b>Junior Year</b>	
Intro. Studio Course	Concepts II Course
Intro. Studio Course	Studio Concentration Course
Concepts I Course	Liberal Education Course
ARH 300-level Course or Liberal Education Course	or ARH 300-level Course Liberal Education Course
Liberal Education Course	Elective or ART 129

**Suggested Registration** (continued)

<i>Fall</i>	<i>Spring</i>
<b>Senior Year</b>	
Studio Concentration Course	Studio Concentration Course
Intro. Studio Course	ARH 300-level Course
Concepts II Course	ART 425
ART 491	Elective
ARH 300-level Course	Elective

**Total credits: 120 minimum**

**Bachelor of Fine Arts: Graphic Design**

The Bachelor of Fine Arts degree in Graphic Design provides intensive study and preparation for students who intend to pursue a professional career in the graphic design field. Building their learning around the core of the liberal arts curriculum, graphic design students first complete a series of foundation and introductory courses required of all studio art majors. The program then offers focused work in graphic design, using both traditional methods and state-of-the-art digital resources. Students are encouraged to continue experiments in other visual media, thus gaining a wider working knowledge of the arts. The program seeks to develop students' creative and critical thinking alongside their technical and professional skills, ensuring a solid foundation for a career in design.

The program's studio courses explore all aspects of graphic design, from basic principles and typography to web design, visual identity, and advertising and retail design. Additionally, students complete the two-semester art history survey, a course in graphic design history, and two additional upper-level courses in art history. Seniors are required to prepare a formal presentation and exhibition of their work in the Mugar Art Gallery as part of their Capstone experience. The major also requires a 240-hour internship with a graphic design firm.

**Major Requirements—Graphic Design (BFA)**

Liberal Education Program courses

ART 110, 125, 132, 213, 217, 313, 317, 328, 425, 485, 492; ART 245 or THE 230  
Three Studio courses chosen from: ART 210, 226, 230, 234, 239, 240, 245, 260, 270; THE 226

Three 300-400 -level Graphic Design courses chosen from: ART 339, 421, 422, 423, 424, 437

ARH 201, 202, 380

Two Art History courses chosen from: ARH 314, 315, 324, 325, 333, 365, 375; HIS 375

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum average of C (2.00) in four courses: ART 110 or 125 or 132; ARH 201 or 202; and two graphic design studio courses
- A portfolio review by art department faculty
- Artist's statement

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	ART 110
ART 132	ART 213
ART 125	Liberal Education Course
PTH 101	Math Requirement
ARH 201	ARH 202
<b>Sophomore Year</b>	
Intro. Studio Course	Intro. Studio Course
ART 217	ART 313
ARH 380 or Liberal Education Course	PTH 201
Liberal Education Course	Elective
Liberal Education Course	Elective or ART 129
<b>Junior Year</b>	
ART 317	ART 328
ART 245 or THE 230	300–400-level Graphic Design Course
Intro. Studio Course	Liberal Education Course
ARH 380 or Liberal Education Course	ARH 300-level Course
Elective	Elective or ART 129
	ART 485 Summer Internship
<b>Senior Year</b>	
ART 492	300–400-level Graphic Design Course
ARH 300-level Course	ARH 300-level Course or
ART 485 or Elective	Liberal Education Course
300–400-level Graphic Design Course	ART 425
Elective	Elective
	Elective

**Total credits: 120 minimum**

**Studio Art Minor**

The minor consists of 18 credits with the following required courses:

ART 110 or 125

ARH 201 or 202

Two introductory Studio courses chosen from: ART 210, 213, 226, 230, 234, 239, 240, 245, 260, 270; THE 226

Two 300-level Studio courses chosen from: ART 310, 311, 313, 330, 331, 334, 340, 341, 345, 346, 360, 361, 370, 371

## Gladys Greenbaum Meyers Juried Student Art Exhibition

Each spring the Fine and Performing Arts Department offers all Colby-Sawyer students, art majors and art non-majors, the opportunity to submit work to the Juried Student Exhibition. This annual exhibition of work created in studio courses is made possible by a significant gift from Gladys Greenbaum Meyers '39, an avid and longtime supporter of the arts.

## Senior Art Exhibition

Each spring semester, all seniors in the studio art and graphic design programs exhibit their strongest works together in the Marian Graves Mugar Art Gallery. This exhibition is a required component of the Capstone experience in studio art and graphic design.

## Art Course Offerings

### ART 100 Introduction to Visual Art

3 credits

This course acquaints students with major periods of cultural history and introduces the basic visual vocabulary necessary for making informed critical judgments about art. It establishes a framework of understanding through discussion of a variety of historical and contemporary visual ideas. In addition to verbal and written activities, students create their own art in hands-on studio assignments. Offered fall and spring.

Exploration Area: Fine and Performing Arts

### ART 110 Drawing Foundations

3 credits

Through studio practice, this course introduces the basic elements of line, shape, space, value, and texture, using the expressive medium of drawing and emphasizing the use of the principles of design. Students develop skills of critical observation and visual organization, internalizing their understanding of foundational concepts that they are expected to employ in all future art courses. Offered fall and spring.

Exploration Area: Fine and Performing Arts

### ART 111, 113, 115, 117 Exhibition Foundations

1 credit

These courses offer hands-on experience in exhibition preparation and installation, under the guidance of the director of the Marian Graves Mugar Art Gallery. Weekly class meetings cover topics relating to gallery operations and management, including promotion and publicity, budgeting and scheduling, selection of artists, and exhibition themes. The differences between commercial and nonprofit galleries are also discussed. Offered fall.

*Prerequisites:* Scheduling with the gallery director and permission of the instructor

### ART 112, 114, 116, 118 Exhibition Foundations

1 credit

These courses offer hands-on experience in exhibition preparation and installation, under the guidance of the director of the Marian Graves Mugar Art Gallery. Weekly class meetings cover topics relating to gallery operations and management, includ-

ing promotion and publicity, budgeting and scheduling, selection of artists, and exhibition themes. The differences between commercial and nonprofit galleries are also discussed. Offered spring.

*Prerequisites:* Scheduling with the gallery director and permission of the instructor

### ART 125 Design Foundations

3 credits

This course introduces the theory and practical application of the principles of two-dimensional design. It emphasizes the fundamental design principles that produce aesthetically sound compositional structure. Students investigate visual cause and effect and formal problem-solving, learning to think creatively and independently about the design process. They are expected to integrate practical knowledge from this course into future studio courses. Offered fall and spring.

Exploration Area: Fine and Performing Arts

### ART 132 Digital Art Foundations

3 credits

This studio course surveys the digital technology used by artists and designers, covering a range of applications and image acquisition and generation techniques. It also introduces related hardware such as scanners, cameras, and printers. Students develop ideas and learn how to use software creatively and artistically. Assignments and in-class projects encourage students to experiment and avoid using built-in image manipulation and plug-in filters that require little creative thought. Offered fall and spring.

### ART 210 Drawing I

3 credits

This course continues the development of perceptual and technical skills, with particular emphasis on drawing the human figure from life. Several approaches to life-drawing are used, including a study of anatomy, an analytical approach to drawing, and a more gestured and intuitive approach, using a variety of media and paper. Offered fall and spring.

*Prerequisites:* ART 110, 125

### ART 213 Graphic Design I

3 credits

As the beginning course in the graphic design major, this course intends primarily to provide a foundation of visual and problem-solving skills essential to upper-level work. Students are introduced to basic exercises in composition, abstraction, and communication. Working methods combine traditional hand skills with an introduction to basic computer technology. Offered spring.

*Prerequisite:* ART 132

### ART 217 Typography

3 credits

This course encourages students to creatively investigate the technical and theoretical aspects of typography. It focuses on the organizational and creative aspects of designing with type and on the development of typography. Students develop a basic proficiency with typographical options for problem solving, including integrated typographic layouts, type and system development, typographic principles, and interaction of type choices with text context. Offered fall.

*Prerequisite:* ART 213



**ART/THE 226 Integrated Arts Performance Studies and Theory I** 3 credits

Students are introduced to concepts, approaches, and theories relevant in emerging media and technology. Students explore and create a type of art which is in the forefront of contemporary work. Students from different disciplines in the arts (music, dance, theatre, graphic design, and studio art and art history) work together becoming aware of each other's materials and craft while creating a collaborative work. Offered spring.

**ART 230 Painting I** 3 credits

This course introduces the materials and techniques of painting. Working with acrylic-based paints, students learn how to prepare a surface for painting, explore several techniques and strategies for making a painting, and engage in group critique. Students complete several paintings and learn how to prepare them for exhibition. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**ART 234 Watercolor I** 3 credits

This course offers students an introduction to the materials, basic techniques, and expressive potential of the watercolor medium. It emphasizes the unique attributes of watercolor, including transparency, fluidity, brilliance and spontaneity. Students are expected to integrate these qualities into their own style of visual expression, which they develop through practical exercises and quizzes, risk-taking, class critiques and a final portfolio. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**ART 239 Animation and Video Art I** 3 credits

This course expands on knowledge gained in ART 132 to develop projects in such areas as animation, video and sound used in interactive Web art and projection or screen-based installation art. Offered fall of odd-numbered years beginning fall 2013.

*Prerequisite:* ART 132

**ART 240 Printmaking I** 3 credits

This course introduces the four basic printmaking areas: intaglio, lithography, relief, and screen printing. It emphasizes the student's development of ideas and imagery through drawing and the understanding and use of the printmaking processes. Students view original contemporary and Old Master prints and learn the proper manner of caring for and presenting original prints for exhibition. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**ART 245 Sculpture I** 3 credits

In this course students develop an understanding of three-dimensional ideation and sculpture construction. Students conceptualize through research and sketch-book work, explore methods of assemblage such as additive and subtractive processes, and create at least three sculptures from their own imagination. The course covers armature building, clay modeling, and numerous approaches to designing,

building, and finishing a three-dimensional object. Protocols for studio safety and equipment usage are emphasized. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**ART 250, 350, 450 Topics in Art** 1–3 credits

These courses offer students in-depth study of topics in art that are not part of the regularly scheduled course offerings. Topics are announced before registration. Offered fall and spring.

**ART 260 Photography I** 3 credits

This course introduces basic theories and mechanical skills necessary to use a single-lens reflex camera, process film, and print black-and-white photographs. Creative exercises develop the student's understanding of the camera and lenses and increase awareness of the image-making possibilities of photography. Students learn and follow studio and chemical safety standards. A fully manual and adjustable SLR camera with light meter is required and it is recommended that each student have a digital camera. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**ART 270 Ceramics I** 3 credits

This course introduces basic techniques of hand-built and wheel-thrown ceramics. Studio assignments encourage creativity and help students develop a solid technical foundation in the functional and sculptural aspects of the medium. The course encompasses glazing and decorating techniques, glaze formulation, and a variety of firing techniques, as well as the study of ceramic history. Studio safety is emphasized. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**ART 285 Art Internship** 0–3 credits

Qualified students may arrange internships related to the arts or art organizations, such as museums, art centers, design firms, artist studios, the college's Marian Graves Mugar Gallery, and other art-related institutions. Students are required to submit a written report on their experience to their faculty sponsor at the conclusion of the internship. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Preinternship seminar, permission of the faculty sponsor

**ART 295, 395, 495 Independent Study** 1–3 credits

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each independent study course is developed in consultation with a faculty member. May not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ART 310, 311 Drawing II and Drawing III** **3 credits**

Students build on knowledge, technical skills, and visual strategies gained in previous drawing courses. These intermediate courses emphasize an understanding of formal elements and correlate that understanding with individual expression. Developing their own lines of experimentation and study, students select media according to individual expressive needs. Offered fall and spring.

*Prerequisites:* For ART 310: ART 210. For ART 311: ART 310

**ART 313 Graphic Design II** **3 credits**

Students explore issues of aesthetics and communication in traditional graphic design applications for posters, page layouts, and symbols and logos. The course develops verbal presentation skills through short reports in the research phase of specific problems. Although working methods offer the student a choice of hand or digital tools, the course encourages the acquisition of more advanced computer technology. Offered spring.

*Prerequisite:* ART 217

**ART 317 Typography II** **3 credits**

This course builds upon the principles, concepts, vocabulary, technical skills, and creative processes learned in Typography I and Graphic Design II. Students solve various typographic problems as presented by posters, publication, identity, packaging, and user interface design. Students also delve deeper into their own personal creative expression, obeying and breaking, when appropriate fundamental rules of typography. Offered fall.

*Prerequisite:* ART 313

**ART/THE 319 Lighting and Color Theory** **3 credits**

This course provides an intensive exploration of color theory, additive and subtractive processes, and other concepts essential to the visual literacy of the advanced studio artist and designer. The course utilizes studio work, theater lighting practice, presentations and readings. Offered fall of even-numbered years.

*Prerequisite:* 200 level art or theatre class

**ART 328 Interactive Web Design** **3 credits**

This course is an introduction to current software used to create, design, and manage Web sites for use on the Internet. The course is dedicated to creating a well-designed and organized web site using each student's creative and artistic skill combined with knowledge of software and coding. Students are expected to envision and implement their own Web page design. Offered spring.

*Prerequisite:* ART 132 and at least two 200 level studio art courses

**ART 330, 331 Painting II and Painting III** **3 credits**

At this level, students begin to use painting as a more personal, creative means of expression. Beginning-level skills are developed toward greater technical proficiency and personal visual expression. Students examine several theories of art and strive to apply them in their work. Offered fall and spring.

*Prerequisites:* For ART 330: ART 110, 125, 230. For ART 331: ART 330

**ART 334 Watercolor II** **3 credits**

This intermediate-level course expands technical proficiency and creativity as students continue experimentation with the unique attributes of the watercolor medium. Students demonstrate their proficiency through practical exercises, risk-taking, ambitious assignments, class critiques, a self-designed series project, and a final portfolio. Students may also be asked to prepare and present a class demonstration and/or conduct a class critique. Offered fall and spring.

*Prerequisites:* ART 110, 125, 234

**ART 339 Animation and Video Art II** **3 credits**

This course expands on knowledge gained in ART 239. Students expand their knowledge of the software required to build more complex projects in the areas of animation, video and sound used in interactive Web art and projection or screen-based installation art. Offered fall of odd-numbered years.

*Prerequisites:* ART 132, 239

**ART 340, 341 Printmaking II and Printmaking III** **3 credits**

These intermediate courses introduce processes and materials that build upon those covered in ART 240. Students investigate monotypes, collagraphs, chine collé, multicolor printing in relief, and traditional and photo-based etching. Students are expected to develop their drawing skills, creative thinking, and visual literacy, along with greater technical proficiency and craftsmanship. Students are encouraged to experiment with more creative, personal expression. Offered fall and spring.

*Prerequisites:* For ART 340: ART 110, 125, 240. For ART 341: ART 340

**ART 345, 346 Sculpture II and Sculpture III** **3 credits**

These intermediate-level sculpture courses introduce techniques such as woodworking and welding (arc and oxygen-acetylene); plastics, glass, and nonferrous metals may also be options. Students expand their ideas in sketchbooks and construct working maquettes, observing studio safety protocols and learning the proper use of machinery and tools. Students are expected to develop creative, fresh, and individual ideas. Offered fall and spring.

*Prerequisites:* For ART 345: ART 110, 125, 245. For ART 346: ART 345

**ART 360, 361 Photography II and Photography III** **3 credits**

These courses require students to refine techniques introduced in ART 260 and expand their knowledge of the camera, printing, and various photographic methods, including digital imaging, artificial light, and color photography. These courses also emphasize the development of a photographic style and the creation of a cohesive body of work. Each student must have a fully adjustable digital camera with manual controls. Offered fall and spring.

*Prerequisites:* For ART 360: ART 110, 125, 260. For ART 361: ART 360

**ART 370, 371 Ceramics II and Ceramics III** **3 credits**

These courses continue the process of ART 270 with advanced work on the wheel and in hand-building techniques. Students produce a body of work that demonstrates individual expression and advanced technical proficiency. Emphasis is on glaze chemistry, kiln-firing principles, and contemporary developments in the field. Fine craftsmanship and personal vision emerge through additional studio experience and use of materials. Offered fall and spring.

*Prerequisites:* For ART 370: ART 110, 125, 270. For ART 371: ART 370

**ART 410, 411 Drawing IV and Drawing V** **3 credits**

Course activities at this level are determined largely on an individual basis. With the instructor's guidance, each student learns to synthesize earlier drawing experiences into strong visual statements, building upon them to a new creative level. Offered fall and spring.

*Prerequisites:* For ART 410: ART 311. For ART 411: ART 410

**ART 421, 424 Publication Design and Production Methods I and II** **3 credits**

These courses introduce a variety of publication design problems so that students develop hands-on skills in page layout and relevant computer programs. The production component explores the parameters of two-color and/or process-color limits in print work. These courses ask students to creatively investigate technical and theoretical aspects of digital media, while emphasizing print production and introducing Web design elements. Offered fall.

*Prerequisites:* For ART 421: ART 313. For ART 424: ART 421

**ART 422 Visual Identity and Systems Design** **3 credits**

This course explores the creation of corporate, institutional, and product identity. A crucial part of the project is the development of a corporate identity manual that defines and demonstrates the design system. Students create comprehensive, presentation-quality samples of stationery, product packaging, information pamphlets, annual reports, signage, and other applications of the identity system. Offered fall.

*Prerequisites:* ART 313

**ART 423 Advertising and Promotional Design** **3 credits**

This course explores the visual and verbal aspects of advertising, marketing, and promotional design. Topics include writing headlines and advertising copy; examining the significance of demographics; and understanding art and copy requirements, insertion schedules, deadline dates, and placement rates. The course also considers pro-bono work for not-for-profit organizations, the ethical issues of promotional design for controversial or unpopular causes, and design for hazardous products or services. Offered spring.

*Prerequisites:* ART 313

**ART 425 Professional Practices and Portfolio (Capstone)** **4 credits**

This course provides students with insight and practical skills in regard to planning, organizing, and developing a professional portfolio. Students are expected to develop a portfolio that represents their individual strengths, artistic skill, and

creativity. Students learn to promote themselves with cover letters, résumés, artistic statements, interviewing skills and portfolio presentations. Students are required to exhibit their work in the Senior Exhibition. Offered spring.

*Prerequisite:* Major Acceptance and senior status

**ART 430, 431 Painting IV and Painting V** **3 credits**

At this level students are expected to work with considerable independence, demonstrating technical proficiency, craftsmanship, and understanding of art theory. Students are expected to produce distinctive, personal works of art that display a high degree of finish, aesthetic sophistication, and honesty. Offered fall and spring.

*Prerequisites:* For ART 430: ART 331. For ART 431: ART 430

**ART 434 Watercolor III** **3 credits**

At this level students are expected to work with considerable independence, demonstrating technical proficiency, craftsmanship, and understanding of art theory. Students are expected to produce distinctive, personal works of art that display a high degree of finish, aesthetic sophistication, and honesty. This course may be used to satisfy a course requirement in the painting concentration. Offered fall and spring.

*Prerequisite:* ART 334

**ART 437 Packaging and Retail Design** **3 credits**

Students learn the concepts, tools, and techniques necessary to build various forms of three-dimensional commercial design. Using computer software and traditional hand tools, students create product, package, and spatial/retail design that is innovative, artistic, and well crafted. Attention is paid to identity and branding, in-store display, shelf presence, point of purchase, marketing, and consumer trends. Offered spring of even-numbered years.

*Prerequisite:* ART 317

**ART 439 Animation and Video Art III** **3 credits**

This course focuses on using the computer in the development of an artistic practice. Lectures, demonstrations and critiques focus on theoretical, technical and aesthetic issues in contemporary digital and interactive media. Students learn how to acquire imagery from a range of sources such as scanners and digital video cameras or drawing tablet into image editing software and learn how to manipulate, generate and animate the imagery. Offered fall of even-numbered years.

*Prerequisites:* ART 132, 239, 339

**ART 440, 441 Printmaking IV and Printmaking V** **3 credits**

In these courses students work toward a unified body of prints that display a clear direction of purpose through creative decision making. Students pursue in-depth experimentation with color printing (intaglio and lithography) and explore other processes of historical and contemporary interest. Along with their studio work, students learn about final presentation, exhibition practices, and the business aspects of printmaking. Offered fall and spring.

*Prerequisites:* For ART 440: ART 341. For ART 441: ART 440

**ART 445, 446 Sculpture IV and Sculpture V****3 credits**

These advanced courses may incorporate learning techniques or processes new to the students, encouraging them to work on projects that evolve from their prior knowledge of sculptural techniques. Students explore three-dimensional solutions to art making and create individually expressive works. Advanced research, problem-solving, and self-criticism are major parts of this course. Offered fall and spring.

*Prerequisites:* For ART 445: ART 346. For ART 446: ART 445

**ART 460, 461 Photography IV and Photography V****3 credits**

Students in these courses further explore image-making options in photography. Emphasis falls on producing consistently high quality while developing an artistically cohesive body of work. Each student produces a professional-level portfolio. Each student must have a fully adjustable digital camera with manual controls. Offered fall and spring.

*Prerequisites:* ART 460: ART 361. For ART 461: ART 460

**ART 470, 471 Ceramics IV and Ceramics V****3 credits**

In these courses, a major series of wheel-built and/or hand-built forms occupies students for at least half of the term. Students gain further experience in firing electric, gas, salt, and Raku kilns. Benefiting from frequent critique sessions and visits to museums and practicing potters, students foster a more critical, mature view of their work. Emphasis is on consistently producing work of individual creativity and high quality. Offered fall and spring.

*Prerequisites:* For ART 470: ART 371. For ART 471: ART 470

**ART 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**ART 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ART 485 Art Internship****0–6 credits**

This 240-hour internship course is designed to provide students with an on-site art experience. A faculty member serves as the student's internship sponsor. An application must be submitted to the Harrington Center, and study plans must be submitted to the chair of the department for approval prior to the beginning of the intern-

ship. This course may be repeated. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair. Graphic Design majors must have completed ART 421.

**ART 490 Advanced Graphic Design****3 credits**

In this course students apply previous graphic design knowledge and skills to more complex design problems. The focus is on developing integrated design programs with unified concepts that explore levels of visual impact. The course provides students with insight and practical skills for planning, organizing, and developing advanced problem-solving strategies. The course considers special topics and current trends in the graphic design field. Offered as needed.

*Prerequisites:* ART 313 or permission of the instructor.

**ART 491 Senior Seminar: Contemporary Issues in the Arts****4 credits**

The course consists of two components. The first involves studio-based group activities and critiques, enhanced by museum and gallery field trips, visiting artists, curators and guest lecturers. Students work closely with faculty members to develop a coherent body of work to be presented in the spring Senior Exhibition. The second addresses the development of critical awareness through discussions of contemporary art and critical theory. Offered fall.

*Prerequisite:* Major Acceptance and senior status

**ART 492 Senior Thesis and Seminar in Graphic Design****4 credits**

Students engage in intensive personal research and create a cohesive, considered, and original body of work for the Senior Exhibition. Studio time is divided between critique, production assistance, and a seminar, in which students examine contemporary design as it relates to art, society, communication, business, ethics and global dialogue. Offered fall.

*Pre or co-requisites:* ARH 380, 317, Major Acceptance and senior status

## Biology

### Bachelor of Arts: Biology

The biology program offered by the Natural Sciences Department at Colby-Sawyer College is designed to take advantage of the wide variety of 'natural classrooms' in the Lake Sunapee region of New Hampshire and the laboratory facilities of the Ivey Science Center. Biology majors receive a strong foundation in the natural sciences and are introduced to a range of biological topics as first- and second-year requirements. Enrollment in upper-level biology courses is typically small, allowing for direct interaction with fellow students and professors. By working closely with academic advisors, biology students are able to tailor their course of study during their junior and senior years to concentrate in one of several areas of biology. All students engage in a rigorous three-semester senior project.

A summer or semester internship enables students to practice biology and focus their career goals. Internship sites include the Audubon Society of New Hampshire, the Nature Conservancy, the Montshire Museum of Science, Dartmouth-Hitchcock Medical Center, and the Lake Sunapee Protective Association, whose regionally recognized water-quality testing laboratory is located in the Ivey Science Center. An active Biology Majors Club supports a wide variety of cocurricular activities that are conceived and planned by students. Trips to museums, aquaria, and national wildlife refuges, and participation in the Northeast New England Biological Conference are among the opportunities sponsored by the club.

Biology graduates are prepared with necessary skills and knowledge for a career in biology. If a student wants to prepare for entry into a graduate, medical, or professional program, the Natural Sciences Department offers calculus, organic chemistry and physics to fulfill the necessary admission requirements. **Information on pre-medical and pre-veterinarian studies is available in the Additional Curricular Opportunities section of the curriculum guide.**

### Field Study Semester

Colby-Sawyer College has an affiliation agreement with the School for Field Studies. Students who meet the prerequisites may spend the fall semester of their junior year at one of the School for Field Studies locations. The Colby-Sawyer College financial aid will travel with the student and the credits earned will appear as Colby-Sawyer College credits. Interested students should contact the department chair of the Environmental Studies or Biology for more details. Please refer to the Website for additional information <http://www.fieldstudies.org>.

### Major Requirements—Biology

Liberal Education Program requirements

BIO 106, 107, 212, 351, 485, 486, 487; BIO 206, 207 or 217; CHE 101, 102

Two courses selected from CHE 307, 308; PHY 101, 102

Five BIO courses, at least four at the 300 or 400 level\*

At least one organismal/environmental course selected from: BIO 314, 317, 318, 334, 366, 407; ENV 100

At least one cellular/molecular course selected from: BIO 304, 321, 402, 406; CHE 304

MAT 220 or 221

SCI 108 or 109 strongly recommended

Students must have a minimum C (2.00) cumulative GPA in all BIO courses to graduate.

\* Includes all BIO courses plus ESS 324, 326, 419, 424; HEA 330; PSY 215.

### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in BIO 106 and 107
- Written statements that address the following (to be produced in consultation with the student's advisor in the sophomore year):
  1. strengths and weaknesses in biological subject matter and academic skills, e.g., writing, public speaking; and

2. future goals in terms of interests for upper-level courses, possible internship experiences, e.g., sites and goals, and senior research interests

- Writing sample chosen from BIO 106, 107, or 212

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BIO 106
BIO 107	CHE 102
CHE 101 or MAT 123*	Liberal Education Course
PTH 101	Liberal Education Course
SCI 107 or Liberal Education course *	ENV 108 recommended
<b>Sophomore Year</b>	
BIO 212	BIO 205 or 217
MAT 220 or 221	CHE 308 or PHY 102
CHE 307 or PHY 101	PTH 201
Liberal Education Course	Liberal Education Course
SCI 109 recommended	ENV 110 recommended
<b>Junior Year</b>	
Biology Elective	Biology 300- or 400-level Elective
Biology 300- or 400-level Elective	CHE 308 or PHY 102
CHE 307 or PHY 101	BIO 217 or Liberal Education Course
Liberal Education Course	BIO 351
SCI 111 recommended	ENV 112 recommended
	BIO 485 Summer Internship
<b>Senior Year</b>	
Biology 300- or 400-level Elective	Biology 300- or 400-level Elective
BIO 486	Elective or BIO 485
SCI 113 recommended	BIO 487
Elective	ENV 114 recommended
Elective	

### Total Credits: 120 minimum

\* Students who have successfully completed two years of high school algebra (B- or above) should take CHE 101 and SCI 109. Others should take MAT 123 and another liberal education course, then take CHE 101 and 102 in their sophomore year. Students unsure of their preparation can request a placement test.

## Biology Minor

### Requirements

BIO 106 and BIO 107; either BIO 212 or 217; three additional three- or four-credit courses in BIO (or ENV, ESS, HEA, PSY courses that are allowed for a Biology Major), at least two of which must be at the 300 or 400 level. Please refer to the Minor Programs section of the curriculum guide for further information.

## Biology Course Offerings

### BIO 106 The Chemical and Cellular Basis of Life 4 credits

This course introduces students to processes that occur within organisms. Topics include basic biological chemistry, enzyme action, acid/base balance, osmosis and diffusion, cell structure and function, energy and metabolism, cell division, genetics, protein synthesis, and an introduction to molecular genetics. Laboratory work is included. Offered fall and spring.

Exploration Area: Science

### BIO 107 Interactions in Ecology 4 credits

This course introduces biology as a study of patterns in nature and their causes. Using outdoor sites, students measure and observe plants and animals, and design independent investigations to explain the patterns students see. Their explorations are related to ecology theory in population, community, ecosystem, evolutionary, physiological, behavioral and applied ecology. Field investigations are supplemented with computer simulations. Offered fall and spring.

Exploration Area: Science

### BIO 108 Human Biology 4 credits

This course is an introduction to human biology. The structure and function of the various organs and systems of the body are discussed. The impact of the environment is discussed and the basis of various human diseases is explored. This course involves laboratory exercises surveying the various systems of the human body. Students who complete BIO 108 may not also receive credit for BIO 205 or 206. Offered spring.

Exploration Area: Science

### BIO 205 Human Anatomy and Physiology I 4 credits

This is the first of a two-semester sequence in human anatomy and physiology. Students begin with a review of cellular physiology and then explore the anatomy and physiology of four important systems: integumentary, skeletal, muscular, and nervous. This course has both lecture and laboratory requirements, including dissections. Students who complete BIO 205 may not also receive credit for BIO 108. Offered fall and spring.

*Prerequisite:* BIO 106

### BIO 206 Human Anatomy and Physiology II 4 credits

This is the second of a two-semester sequence in human anatomy and physiology. The material covered in this course includes anatomy and physiology of the following systems: endocrine, cardiovascular, immune, respiratory, digestive,

renal and reproductive. This course has both lecture and laboratory requirements, including dissections and/or computer simulations. Students who complete BIO 206 may not also receive credit for BIO 108. Offered fall and spring.

*Prerequisite:* BIO 205

### BIO 207 Microbiology 4 credits

This course involves the study of the fundamental principles of microbiology and the relationship of microorganisms to disease. Microbial morphology, growth, metabolism, genetics, diversity, ecology and viruses are stressed in the lectures. Laboratory work includes the preparation of media, cultural methods, microscopic work, control of organisms by physical and cultural means, and quantitative techniques. Offered spring.

*Prerequisite:* BIO 106

### BIO 212 Evolution and Diversity 4 credits

Biologists estimate there are 30 million species on earth. Students learn the major types of animals, plants, fungi, protists and bacteria, paying attention to how each organism is adapted to its environment. Students also learn how evolution works, from mutations in DNA to changes in frequency of genes and the formation of new species. Labs demonstrate principles and organisms discussed in class. Offered fall.

*Prerequisite:* BIO 106

### BIO 217 Organismal Physiology 4 credits

The physiology of organisms is a crucial link between cellular processes and ecological interactions. Students examine the physiology of plants, animals and fungi, as well as the essential anatomy of each. Students also explore tissues, organs and organ systems in animals, and transport, nutrition, reproduction, and control mechanisms in plants. Labs concentrate on anatomical studies and physiological experiments. Offered spring.

*Prerequisite:* BIO 106

### BIO 250, 350, 450 Topics in Biology 1–4 credits

Faculty may elect to offer advanced courses in biology that are not regularly scheduled. Previously offered topics have included plant physiology, comparative zoology, cellular pathology, and spectrophotometry. If one-credit topics courses are taken, a total of three credits may count as one of the required upper level BIO courses.

### BIO 285 Biology Internship 0–3 credits

This internship allows biology students an opportunity to explore particular careers and employment settings in biology. Students registering for this course work with departmental faculty and an on-site supervisor to design an appropriate internship experience. Presentation of results to the Natural Sciences Department is required. May not be used as a biology major requirement. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* Preinternship seminar, permission of the faculty sponsor and department chair

**BIO 295, 395, 495 Independent Study****1–4 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The course level depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence. Each independent study course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisites:* BIO 106, BIO 107, permission of the instructor and the department chair

**BIO/CHE 304 Biochemistry****4 credits**

Topics include the structure and function of proteins, carbohydrates, lipids, and nucleic acids. Enzyme kinetics, regulation, and mechanisms are emphasized. Thermodynamics and phosphate compounds are studied. Students examine important metabolic pathways, including glycolysis, the citric acid cycle, electron transport and oxidative phosphorylation, beta oxidation, fatty acid biosynthesis, and the urea cycle. Standard laboratory techniques of the biochemist are introduced. This cellular/molecular course is offered fall.

*Prerequisite:* CHE 307 or permission of instructor

**BIO 314 Animal Behavior****4 credits**

Students study what animals do, how they do it, and why. Behavior is thought of as an adaptation that has evolved through natural selection. Topics include feeding behavior, habitat selection, sexual selection, mating systems, parental care, orientation, communication and social organization. Students observe animals and conduct experiments during lab exercises and field trips. This organismal/environmental course is offered spring of even-numbered years.

*Prerequisite:* BIO 107

**BIO 317 Aquatic Ecology****3 credits**

This course explores the aquatic organisms that contribute to the structure and function of freshwater ecosystems. Students build their understanding of aquatic ecosystems as they examine both plant and animal physiology, and population and community dynamics. Aquatic ecosystem processes and services, including primary and secondary production, food web dynamics, and nutrient cycling are explored. Offered fall of even-numbered years.

*Prerequisite:* BIO 107

**BIO 318 Terrestrial Ecology****3 credits**

In this course students explore the aspects of ecology, applying them to a specific group of organisms that live on land. Students discover the details of behavioral, population, community, and physiological ecology. Students become familiar

with conceptual and mathematical models and their use in ecological studies as well how to evaluate studies reported in the scientific literature. Offered fall of odd-numbered years.

*Prerequisite:* BIO 107

**BIO 321 Cell Biology****4 credits**

This course includes considerations of microscopy, organization, replication, and expression of genetic material, membrane structure and physiology, organelle structure and function, cell-cell interactions, cytoskeletal organization and function, and cell mobility. Laboratory work is included. Offered fall of odd-numbered years.

*Prerequisite:* BIO 106

**BIO 351 Research Design****1 credit**

This course is the first of three comprising the senior research requirement. A student works closely with a faculty member to identify a topic for senior research, perform the literature search, determine the approaches and procedures to be employed, compile a list of necessary supplies, and develop a timetable for the project. The work culminates in a proposal suitable for submission to a granting agency. Offered spring.

*Prerequisites:* BIO 212, 217 Biology Major Acceptance

**BIO 386 Student Research****0–4 credits**

This course allows students to investigate a biological phenomenon of interest. Working closely with a faculty member, a student identifies a project, performs a background literature search, designs and conducts experiments and measurements, and writes a report and/or presents a seminar. These students meet regularly with seniors enrolled in BIO 486 or 487. May be repeated only once for credit. May be used as a biology major course requirement. Offered fall and spring.

*Prerequisites:* BIO 106, 107

**BIO 402 Genetics****4 credits**

Both classical and modern topics are covered as students learn about the nature of the gene, gene action and its control, transmission of inherited characteristics, and behavior of genes in populations. The course also focuses on recent developments in genetic research and technology. Laboratory work is included. Offered spring of odd-numbered years.

*Prerequisite:* BIO 106

**BIO 406 Biology of Development****4 credits**

Control of development in all stages of the life cycles of animals and plants is discussed. Laboratory work includes experiments with both animal and plant systems. Topics include fertilization, morphogenic movements, control of cell division, cell differentiation, and cell death in the normal development of organisms. Offered spring of even-numbered years.

*Prerequisite:* BIO 106

**BIO 407 Conservation Biology****3 credits**

This course investigates the scientific basis behind topics in the field of conservation biology. Topics include minimum viable population sizes, design of wildlife reserves, endangered species, habitat fragmentation, and biodiversity. Discussions focus on the ecological basis of the problem and relate that background to practical considerations and case studies. Offered spring of odd-numbered years.

*Prerequisite:* BIO 107

**BIO 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**BIO 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. May not be used as a biology major requirement. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**BIO 485 Biology Internship****0–6 credits**

Students in this course enroll for varied credit in a department-approved internship with an appropriate environmental or biological organization. Methods of evaluation are determined by the Natural Sciences Department in conjunction with the on-site supervisor. An oral presentation to the Natural Sciences Department of the results of the internship is required. A minimum of 120 hours is required for this internship. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* Biology Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

**BIO 486 Senior Research I****2 credits**

Seniors continue their research project. Each student works independently under the supervision of a faculty member to implement the project conceived during BIO 351. A faculty member meets weekly with all seniors to coordinate the projects. Students are expected to collect a substantial body of data. A final report includes the literature review, methods and results. Offered fall.

*Prerequisite:* BIO 351

**BIO 487 Senior Research II (Capstone)****1 credit**

In this course students complete the project planned in BIO 351 and begun in BIO 486. Students collect additional data and then analyze their full data set for presentation orally as well as in a final paper. Offered spring.

*Prerequisite:* BIO 486

# Business Administration

## Bachelor of Science: Business Administration

The Bachelor of Science in Business Administration provides a solid foundation in the liberal arts, which is essential for business careers in today's marketplace. The Business Administration major qualifies graduates for positions in corporate or business settings as well as in hospitals, museums, etc. Introductory courses develop an understanding of the terminology, underlying concepts and analytical techniques necessary to understand how organizations function. Emphasis is placed on computers as management tools. Upper-level courses allow students to gain knowledge and skills in various functional areas, such as marketing, finance and human-resource management. Students are equipped with decision-making abilities and the basic knowledge that permits them to progress toward responsible management positions in many different types of organizations.

Case studies and other simulation techniques give students the opportunity to gain skills in applying knowledge to concrete situations. An important feature of the program is integration of off-campus field experiences and internships with classroom study. Particular attention is given to personal and societal value issues as they pertain to working in an organization and to balancing the various demands of personal needs, family expectations, and career expectations. Graduates are working in a variety of organizations across the country, in such fields as marketing, finance, accounting, personnel, communications, brokerage, and retail.

### Major Requirements—Business Administration

Liberal Education Program requirements

BUS 115, 215, 216, 217, 224, 231, 305, 312, 316, 318, 403, 412, 460, 485, 486;  
ECO 101, 102; MAT 220

#### Business Electives:

Choose any four courses from those listed below. One must be at the 400 level:

Human Resource Management	Management	Marketing	Finance
BUS 302	BUS 320	BUS 325	BUS 313
BUS 324	BUS/ENV 321	BUS 328	BUS 319
BUS 331	BUS 323	BUS 407	BUS/ECO 203
	BUS 327	BUS 411	
	BUS 361		
	BUS 406		

Depending on the topic, BUS 350 can be used as a management, marketing or finance elective. BUS 460 must be completed at Colby-Sawyer.



### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in BUS 115, 215, 216
- Submit a 1–2 page reflective paper to the student's academic advisor that discusses reasons for wanting to becoming a business administration major and a statement of long term goals
- Submit a current résumé to student's academic advisor.

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BUS 215
BUS 115	BUS 216
PTH 101	MAT 220 or Liberal Education Course
MAT 220 or Liberal Education Course	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
BUS 224	BUS 231
BUS 312	ECO 102
ECO 101	PTH 201
BUS 217	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Junior Year</b>	
BUS 305	BUS 316
BUS 318	Elective
Business Elective	Elective
Business Elective	Elective
Elective	Elective
BUS 485 Internship	
<b>Senior Year</b>	
BUS 403	BUS 460
BUS 412	Business Elective
BUS 486	Elective
Business Elective	Elective
Elective	Elective
Elective	

**Total credits: 120 minimum**

### Business Administration Minor

The minor in business administration is designed to be completed with a major in another academic discipline and provides basic functional skills for employment in a wide variety of areas. Its purpose is to broaden the career opportunities of liberal arts graduates by combining a working knowledge of essential business principles with the student's chosen field of concentration.

**Note:** Students majoring in Exercise and Sport Sciences–Sport Management and minoring in Business Administration should refer to the Exercise and Sport Sciences–Sport Management section of the curriculum guide for clarification of requirements.

### Requirements

BUS 115, 215, 216, 231, 316

Any 300- or 400-level business elective

Please refer to the Minor Programs section of the curriculum guide for further information.

### Business Administration Course Offerings

#### **BUS 115 Introduction to Organizations**

**3 credits**

This course analyzes the functioning of organizations in our society and the way in which organizations cope with external forces in a changing and uncertain global environment. The course focuses on the internal arrangement and practices of organizations, covering aspects such as management, employees, customers, finance and controls. Offered fall and spring.

Exploration Area: Social Sciences

#### **BUS/ECO 203 Money and Banking**

**3 credits**

This course is a study of the money and banking structure in America. Topics include the role of the banking system and other financial institutions in the supply and control of money; relationship of money to government with reference to the Federal Reserve; examination of monetary theory and national income analysis; and development of overall economic policy, including international involvements. Offered fall of even-numbered years.

*Prerequisite:* ECO 101

#### **BUS 215 Management**

**3 credits**

This course aims to develop management skills such as decision making, motivating, communicating, team building, conflict management and empowering others. Students are engaged in hands-on exercises, case studies and group assignments. This course is designed to prepare future managers to deal with challenges they will face in our turbulent world. Not open to students in their first semester of study. Offered fall and spring.

*Prerequisite:* WRT 105

**BUS 216 Financial Accounting I****3 credits**

This course introduces the basic concepts of accounting. Accounting describes economic events that occur in organizations and is presented as a course of information and a tool for effective decision making. Students learn to prepare, understand and interpret financial statements. Actual company annual reports, 10k and proxy statements are used. The course is taught from an accounting user perspective. Offered fall and spring.

*Prerequisite:* BUS 115

**BUS 217 Business Ethics****3 credits**

This course provides a basic foundation of moral philosophy for ethical behavior with emphasis on the business arena. Students learn to appreciate the importance of business ethics and its impact on organizations and society, including legal issues, regulating corporate behavior, and acceptable practices in business both domestically and globally. Stakeholder obligations are viewed via use of case analysis. Offered fall and spring.

**BUS 224 Managerial Accounting****3 credits**

Building on the financial skills acquired in BUS 216, this course develops the student's ability to make management decisions for planning and control purposes using accounting data. Course topics covered include cost classification, cost behavior, pricing, cost-volume-profit break-even analysis, capital budgeting (net present value, internal rate of return, payback), operational and financial budgeting, forecasting, performance evaluation, and quality control. Offered fall and spring.

*Prerequisites:* BUS 216

**BUS 226 Introduction to Personal Finance****3 credits**

This course explores the world of money management, insurance, investments, taxes, pensions and employee benefits. At course conclusion, students understand the basics of financial planning: building a budget, benefits of paying yourself first, transferring risk through insurance, maximizing employer pension plans, and effects of taxation. This course is intended for non-business students nearing the end of their college courses. Offered fall and spring.

*Prerequisite:* MAT 122 or above, junior standing or above

**BUS 231 Marketing****3 credits**

This course is designed to introduce the student to the broad scope of marketing. Students survey the fundamentals of marketing, including planning, pricing, promoting, and distributing goods and services. They study market environments and marketing information systems, and analyze consumer and industrial markets. Students assume marketing management responsibilities for a high-tech company in a competitive industry, using a computer simulation. Offered fall and spring.

*Prerequisite:* BUS 115

**BUS 250, 350, 450 Topics in Business****1–3 credits**

These courses offer students in-depth study of topics in business that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**BUS 285 Business Internship****0–3 credits**

This internship course is a 120-hour-minimum commitment designed to provide students with an on-site business experience early in their college career. The firm where the internship is held provides on-site supervision to the intern and submits a final evaluation of the intern's performance. The intern is required to submit a written report on his or her internship experience to the department at the conclusion of the internship. This course may be repeated. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Preinternship seminar, permission of the faculty sponsor and department chair

**BUS 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**BUS 302 Managerial Communication****3 credits**

This course is designed to help students improve skills in professionally oriented communication: business letters, reports and résumés. Oral communication skills include running meetings, presenting to groups, and one-to-one situations such as job interviews and performance appraisals. Readings, computer simulation and assignments illustrate underlying principles of effective communication while providing hands-on practical application of the theory. Word-processing proficiency is required. Offered fall and spring.

*Prerequisites:* BUS 115, WRT 105, junior standing or above

**BUS 305 Business Law****3 credits**

This course provides a study of the origin of laws, the court system, and legal procedures, with emphasis on their impact on business policies. An in-depth study is made of contract law and its elements and agency. In addition, there are limited introductions to the laws relating to real property, wills and the Uniform Commercial Code. Offered fall and spring.

*Prerequisites:* BUS 115, sophomore standing or above

**BUS 312 Business Applications of the Computer****3 credits**

Students learn to use the computer in analysis and decision making. This class uses Microsoft Excel in business applications, utilizing spreadsheets, graphing, data analysis and macro development. By using software applications to create data tables, budgets and financial statements, students develop the ability to make use of applications common to business and organization needs encountered on the job. Offered fall and spring.

*Prerequisite:* MAT 220 or PSY 302

**BUS 313 Financial Accounting II****3 credits**

This course continues the study of accounting concepts. Students learn to analyze and interpret financial statements. Actual company annual reports, 10K, and proxy statements are fully analyzed in order to make financing, investing and operating evaluations. The course is taught from an accounting user perspective. Offered fall.

*Prerequisites:* BUS 115, 216

**BUS 316 Human Resource Management****3 credits**

The field of human resource management encompasses those activities designed to provide for and coordinate the human resources of an organization. The course focuses on the relationship between people and the organizations they work for from the manager's perspective. Topics include planning, recruiting, selecting, training and counseling employees, compensation management, and labor relations. Offered fall and spring.

*Prerequisites:* WRT 105, junior standing or above; or permission of the instructor

**BUS 318 Corporate Finance****3 credits**

This course integrates knowledge of accounting, management and economics as students study financial markets and institutions and the decisions of financial managers. Students develop skills in working capital management, capital budgeting, financial statement analysis, forecasting funds requirements, and interpreting stock and bond listings. Class discussions also cover timely topics from the financial press, such as *The Wall Street Journal*. Offered fall and spring.

*Prerequisites:* BUS 224

**BUS 319 Investment Management****3 credits**

This course covers basic investment concepts, practices and procedures. Industry and company financial analyses are studied, and emphasis is put on investment decisions. Students manage a hypothetical portfolio as an integral part of the course followed by research, recommendations and presentation of suggestions for the student managed investment fund. Visits to various types of financial institutions are normally offered as part of this course. Offered fall and spring.

*Prerequisites:* BUS 318

**BUS 320 Management of Technology****3 credits**

This course examines changes resulting from advances in technology and how they relate to administration and management. Cases and readings present a representative sampling of the disruptions technological innovations cause to the managerial process. The goal of the course is to prepare the student to manage the unexpected. Offered spring.

*Prerequisites:* BUS 115

**BUS/ENV 321 Sustainable Organizations****3 credits**

This course explores ways to build stronger sustainable organizations. Students use literature, readings, case studies, current examples, debate, site visits, outdoor walks and personal reflection to better understand their own relation to nature,

the challenges facing organizations, and ways to address them. Students also gain the practical experience by conducting a carbon footprint audit for an organization. Offered fall.

*Prerequisites:* WRT 105, sophomore standing or above

Exploration Area: Environmental Literacy

**BUS 323 Management in a Global Environment****3 credits**

One of the major challenges to management in modern times is coping with growing internationalization of the marketplace. This course explores opposing perspectives and searches for practical solutions to global problems. Offered spring.

*Prerequisites:* WRT 105, sophomore standing or above

Exploration Area: Global Perspectives

**BUS 324 Labor Relations and Negotiations****3 credits**

This course explores the dynamic relationship between employers, organized labor and the state. Some of the more contemporary developments in American and global labor relations are discussed. This course also develops negotiating skills in general settings (in addition to labor negotiations) by means of role playing and case studies. Offered spring.

*Prerequisite:* BUS 115

**BUS 325 Consumer Behavior****3 credits**

This course takes an interdisciplinary approach to the study of consumers and decision-making processes for the purpose of systematically defining the organization's target market. Students explore behavior that consumers display in searching for, purchasing, using, evaluating and disposing of products. This course addresses psychological and sociological foundations of human behavior and how firms research these areas and design strategies. Offered spring.

*Prerequisites:* BUS 231

**BUS 327 Non-Profit Organizations****3 credits**

In this course students review reasons for the growth of non-profit organizations and discuss their economic, social and political ramifications. Particular reference is made to the development of non-profit organizations concerned with the environment, healthcare, visual and performing arts and diverse international activities. Students explore key policy issues such as managerial structure, the role of the board, and fundraising, among others. Offered fall of odd numbered years.

*Prerequisites:* BUS 115

**BUS 328 E-commerce Opportunities and Issues****3 credits**

This course focuses on e-commerce and the Internet. Issues such as the regulatory environment, security, risks, and the impact of e-commerce and the Internet on globalization are explained. Students look at e-commerce from the perspective of consumers, business partners, suppliers, system developers and internal company users. Offered spring.

*Prerequisites:* Junior standing or above

**BUS 331 Conflict Management and Resolution****3 credits**

This course investigates the theory of conflict in a variety of venues but particularly in business settings. Using lecture, discussions, research, case studies, and role-playing students investigate theoretical and applied issues in causes of conflict, problem solving, conflict handling, and creativity. Students look at constructive conflict, escalation practices, justice, peacekeeping and prevention. The class examines types of alternative dispute resolution. Offered fall.

*Prerequisite:* WRT 105, sophomore standing or above

**BUS 361 Classic Leadership****3 credits**

Leadership is an important aspect of successful management in modern times. Examples of leadership are found in all spheres of our society. Successful individuals through the ages have one thing in common – They are good leaders. In this course students explore modern leadership theory, using examples of both classic and contemporary leaders and writings. Offered fall.

*Prerequisites:* WRT 105, sophomore standing or above

**BUS 403 Organizational Behavior****3 credits**

This course looks at the way in which the interaction of people inside organizations contributes to overall organizational effectiveness and success. The classroom serves not only as a vehicle to achieve learning objectives but also as an object of analysis and interpretation. Topics such as group cohesion, diversity, leadership and organizational culture are addressed. Offered fall.

*Prerequisites:* BUS 215, 316

**BUS 406 Small Business Management****3 credits**

This course examines the many aspects of starting and successfully managing a small business, such as selecting location, securing financing, dealing with legal issues, developing a marketing plan, and securing and motivating employees. Students develop a comprehensive business plan, which they present to the class. Offered fall.

*Prerequisites:* BUS 231, 318

**BUS 407 Advertising****3 credits**

This course examines the functions and roles of promotional strategies in the context of the marketing concept. Emphasis is placed on the role of advertising as a strategic variable in executing a marketing plan. Case studies and projects provide experience in developing creative advertising and promotional strategies and in the use of such communication media as television, radio and print. Offered fall.

*Prerequisites:* BUS 231

**BUS 411 Market Research****3 credits**

This course introduces students to techniques of gathering, analyzing and using information to aid marketing decisions. It addresses the value of research as well as identification of the problem to be solved and research-design issues. Particular emphasis is placed on various survey techniques for data collection, and students

are given the opportunity to apply these techniques by developing research projects. Offered spring.

*Prerequisites:* BUS 231; MAT 220

**BUS 412 Operations Management****3 credits**

This course deals with complex organizational systems designed to coordinate a firm's personnel, equipment, materials and structures to effectively produce a product or deliver a service to the consumer. The focus is on the process of gathering scarce resources, organizing the production strategy, planning its operation, and controlling its output. Offered fall.

*Prerequisites:* BUS 224, 312; MAT 220

**BUS 460 Strategic Management (Capstone)****4 credits**

In this integrative capstone, students bring together learning from all liberal arts and business courses taken. This includes integrating the functional elements of a business and exploring the philosophical and theoretical assumptions underlying strategic management. The laboratory component incorporates a computer simulation. The experience culminates in a professional presentation by each group, open to the Colby-Sawyer campus and community. Offered spring.

*Prerequisites:* BUS 231, 312, 316, 318, 403, 412, Major Acceptance and senior standing

**BUS 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**BUS 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. This course cannot be used as a business elective course. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**BUS 485 Business Administration Internship****0–6 credits**

Candidates for a B.S. in Business Administration are required to complete an approved internship of six weeks, or 240 hours, duration in an organization. This internship must be completed between the beginning of the junior year and prior to the start of the senior year. During the internship, the student files weekly activity reports with the designated department faculty member. Graded Pass/Fail. Offered spring, summer and fall.

*Prerequisites:* Business Administration Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

**BUS 486 Senior Seminar****1 credit**

The senior seminar is designed to facilitate the integration of conceptual and practical learning in business and serve as a transition between college and career. An oral presentation based on the student's internship experiences is required. A résumé and job research serve as a basis for several mock interviews the student has with experienced guest executives invited to the seminar. Graded Pass/Fail. Offered fall.

*Prerequisites:* BUS 485, senior standing

## Chemistry

### Chemistry Minor

The Department of Natural Sciences offers a minor in Chemistry for students interested in further study in chemistry. Students may use this option to pursue laboratory research, education, or augment their transcript for application to graduate study.

#### Requirements

Students need to take five chemistry courses, one of which can be a three credit course for a total of at least 18 credits. Students must complete:

CHE 101, 102

CHE 304, 307, 308 or another CHE or appropriate ENV course

For Biology majors who want a Chemistry minor only two courses can count for both a major and minor. CHE 304, 307, and 308 count towards the minor and students need to take PHY 101 and 102 plus another BIO course to complete their major. Please refer to the Minor Programs section of the curriculum guide for further information.

### Chemistry Course Offerings

#### CHE 101 Chemical Principles I

**4 credits**

Topics covered in this course include basic properties of matter, stoichiometry, the interactions of light and matter, an introduction to quantum theory, the electronic structure of the atom, chemical periodicity, thermochemistry, bonding theories, and the properties of gases. The laboratory exercises introduce students to various quantitative methods of analysis, including gravimetric analysis, titrations and visible spectroscopy. Offered fall.

*Prerequisite:* Successful completion (B- or better) of two years of high school algebra or MAT 123.

Exploration Area: Science

#### CHE 102 Chemical Principles II

**4 credits**

This course builds upon the principles developed in CHE 101. Topics include properties of liquids, solids and solutions; kinetics; chemical equilibria; acid/base

chemistry; solubility equilibria; electrochemistry; nuclear chemistry; and an introduction to organic chemistry. The laboratory provides additional experience with instrumental and noninstrumental methods of analysis, synthesis and solution equilibria. Offered spring.

*Prerequisite:* CHE 101

#### CHE 295, 395, 495 Independent Study

**1–4 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisites:* CHE 102, permission of the instructor and the department chair

#### CHE/BIO 304 Biochemistry

**4 credits**

Topics include the structure and function of proteins, carbohydrates, lipids, and nucleic acids. Enzyme kinetics, regulation, and mechanisms are emphasized. Thermodynamics and phosphate compounds are studied. Students examine important metabolic pathways, including glycolysis, the citric acid cycle, electron transport and oxidative phosphorylation, beta oxidation, fatty acid biosynthesis, and the urea cycle. Standard laboratory techniques of the biochemist are introduced. This cellular/molecular course is offered fall.

*Prerequisite:* CHE 307 or permission of instructor

#### CHE 307 Organic Chemistry I

**4 credits**

Topics covered in the first semester of organic chemistry include the structure of organic compounds, organic nomenclature, stereochemistry, and an introduction to organic reaction mechanisms, including radical halogenation, nucleophilic substitution and elimination. Laboratory work emphasizes the mastery of basic techniques of organic chemistry, including recrystallization, extraction, distillation, and the determination of physical properties. Offered fall of odd-numbered years.

*Prerequisite:* CHE 102

#### CHE 308 Organic Chemistry II

**4 credits**

The study of organic chemistry continues, using a mechanistic and synthetic approach to functional group chemistry. Organic spectroscopy is emphasized. The behavior of alcohols, ethers, aldehydes and ketones, and carboxylic acids and their derivatives are examined in greater detail. The course concludes with an introduction to important classes of biomolecules, including lipids, carbohydrates and proteins. Laboratory work emphasizes synthetic organic chemistry and qualitative organic analysis. Offered spring of even-numbered years.

*Prerequisite:* CHE 307

**CHE 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisites:* CHE 102, permission of the instructor and the department chair

## Child Development

### Bachelor of Science: Child Development

The Social Sciences and Education Department offers a Bachelor of Science in Child Development that provides a liberal arts foundation, a solid grounding in psychology and child development, and professional experience in any of several potential fields. The Child Development Program provides students with the opportunity to obtain N-3 certification by taking additional courses in education and completing a teaching internship. The program places emphasis on evidence-based practice with children and families by placing students in practicum experiences in a variety of settings that serve children and families. An important resource available to the child development student is the Windy Hill Laboratory School in which knowledge of child development research is used to structure the play based experiences of young children and to offer students opportunities to collaborate with faculty on research projects. During their senior year, students complete an internship in a social service family setting (or in a school for students pursuing certification). Students play an active role in identifying internship experiences with the support and approval of the child development faculty.

Depending upon the focus of their studies, graduates of the Child Development program are prepared for employment in social work agencies, early intervention programs, government settings and with certification, in N-3 classroom settings. Graduates are prepared to pursue advanced studies in related fields such as child development and psychology, school guidance counseling, special education and clinical and counseling settings. **The college has an affiliation agreement to assist qualified Baccalaureate degree graduates from Colby-Sawyer into Masters Degree programs at Plymouth State College for those interested in certification (e.g., M.Ed; M.A.T.; M.B.A. and M.S. degrees) and with Springfield College for those interested in mental health related fields (e.g., clinical mental health counseling, guidance counseling, marriage and family therapy). Further information is available in the Graduate School Opportunities section of the curriculum guide.**

### Major Requirements—Child Development

Liberal Education Program requirements

CHI 205, 306, 308

PSY 101, 203, 401, 404

Two PSY courses at 200 level or above

PSY 306 or CHI 309

SOC 101, 203, 304

HIS 102

CHI 312 (Not required for students who choose to complete Early Childhood Education Certification)

CHI 485 (CHI 490 is required instead for students who choose to complete Early Childhood Education Certification)

### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum grade of C (2.00) in each of these courses: PSY 203 and CHI 205 classes, and C in the CHI 205 practicum
- A Major Acceptance essay (see the social sciences and education department chair for specific details regarding the application requirements)

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	PSY 203
PSY 101	SOC 203
SOC 101	Math Requirement
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Second Year</b>	
CHI 205	CHI 285 (recommended)
PSY 200- or 300-level Course	PSY 200- or 300-level Course
HIS 102 or Elective	HIS 102 or Elective
Liberal Education Course	PTH 201
Liberal Education Course	Liberal Education Course
<b>Third Year</b>	
CHI 309 or PSY 306	PSY 401
CHI 306	CHI 308
SOC 304	CHI 312
Elective	Elective
Elective	Elective

**Suggested Registration** (continued)

Fall	Spring
<b>Fourth Year</b>	
PSY 404	CHI 485 (may be taken either semester)
Elective	
Elective	
Elective	

Total credits: 120 minimum

### Child Development with Early Childhood Education Certification

Students seeking New Hampshire Teacher Certification in Early Childhood Education (N–3) complete the degree requirement for the B.S. in Child Development and qualify for certification by completing additional coursework in education. The program requirements, courses, minimum grades, and the suggested registration are in the Education section of this curriculum guide. To be admitted to the teacher preparation program, students must have taken the Praxis I and completed the Application Form for acceptance into the teacher preparation program.

### Child Development Minor Requirements

The child development minor consists of 18 credits: PSY 101, 203; CHI 205, 306; and four additional credits of coursework chosen from psychology, sociology or child development courses at the 300 or 400 level currently required for the child development major with or without teacher certification. Please refer to the section of the curriculum guide entitled Minor Programs for further information.

### Child Development Course Offerings

#### CHI 205 Services for Young Children 4 credits

This course provides students with an overview of normal and atypical development within the child's bio-psychosocial environment (family, neighborhood, and community). Students are introduced to theories of development that focus on understanding the child within the context of diverse family structures. Students explore the development of services and policies at the state and national level that are relevant to young children and their families. A 30-hour field practicum/lab is required. Offered fall and spring.

*Prerequisite:* PSY 203

#### CHI 285 Child Development Internship 0–3 credits

Students enroll in this internship (three to nine hours per week) to gain additional experience working with young children. Students identify a site of interest in collaboration with a child development faculty member and develop a research oriented project to enrich the students' applied work on site. Various placement sites

are possible and depend on student interest; these include, but are not limited to, child-care centers, hospitals, schools, social service agencies and special education programs. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* PSY 203, CHI 205, preinternship seminar, permission of the faculty sponsor and department chair

#### CHI 295, 395, 495 Independent Study 1–3 credits

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

#### CHI 306 Experiences with Young Children 4 credits

This course applies theory and research in child growth and development to the planning, implementation, and evaluation of appropriate activities and projects for young children through age eight. The student learns to assess children's behavior in all domains, to plan activities based upon these assessments, to present activities to groups of children, and to evaluate these activities objectively. A four-hour-per-week practicum/lab at the Windy Hill School is required. Offered fall.

*Prerequisites:* PSY 203, CHI 205

#### CHI 307 Methods and Materials in Early Childhood Education 4 credits

This course applies current research about learning and principals of child growth and development to classroom practice in early childhood education. Emphasis is placed upon the value of play and its inclusion in educational programs for grades N-3. Students develop a semester-long project based on children's interests that incorporates literacy, mathematics, the arts, science, technology and social studies. A four-hour-per-week practicum/lab at the Windy Hill School is required. Offered spring.

*Prerequisite:* CHI 306

#### CHI 308 Evaluation of the Young Child 3 credits

This course examines the process of assessing young children's social, emotional and intellectual functioning. Students examine the legal, ethical and cultural aspects of assessing young children. Students are introduced to the process of assessment by learning about different types of observation and interview techniques, rating scales and administration and interpretation of developmental norms associated with psychological tests. Offered spring.

*Prerequisite:* PSY 203 or 206 or 240

**CHI 309 Exceptional Children****3 credits**

This course focuses on educational handicapping conditions in young children. Legislation and litigation trends are examined. Such educational handicaps as mental retardation, learning disabilities, ADHD, behavioral disorders, communication disorders and physical disabilities as well as giftedness are examined with a view toward intervention and/or educational remediation. Student, teacher, parent, and administrative involvement in providing services for educationally handicapped children is examined. Offered fall.

*Prerequisite:* PSY 203 or 206 or 240

**CHI 310 Language and Literacy Development in Early Childhood Education****4 credits**

This course introduces theories of language and literacy development in young children. The focus is to understand how children, especially those from birth to five, develop language and literacy and how this process is supported by appropriate practices. Opportunities for in-depth study of children are provided through the required four-hour per week practicum/lab at Windy Hill School. Offered fall.

*Prerequisites:* PSY 203, CHI 205

**CHI 311 Literacy Instruction in Early Childhood Education****4 credits**

This course applies theories of teaching young children and research on literacy development to classroom practices in early childhood education. Emphasis is placed on understanding how children develop literacy and how this process informs best practices from kindergarten through third grade. Opportunities for in-depth study of children are provided through the required four hour per week practicum/lab at Windy Hill School or at a local public school. Offered spring.

*Prerequisites:* PSY 203, CHI 310

**CHI 312 Social Policy: Children, Youth and Society****4 credits**

This course offers an in depth exploration of current topics in social policy in the context of theories of family development and family resources. Students examine such topics as abuse and neglect, the impact of media and its regulation, community violence, gangs, bullying prevention, delinquency, substance use and abuse and physical (e.g., obesity and anorexia) and mental health issues (e.g., depression, PTSD). A practicum/applied experience is also required. Offered spring.

*Prerequisites:* PSY 203, CHI 205

**CHI 313 Early Childhood Education Mathematics Methods****2 credits**

This course applies theories of teaching young children and recent research on mathematics development to classroom practices in early childhood education. Emphasis is placed on understanding how children especially those in nursery school, kindergarten and the primary grades, develop mathematical knowledge and how an understanding of this process informs best practices. Offered spring.

*Prerequisite:* CHI 306, Math requirement

**CHI/PSY 320 Children at Risk****3 credits**

This course examines the factors associated with risk and resilience among children from various backgrounds. Topics vary from term to term but the focus will be on examining current national and international examples of children and families at risk and the role of culturally sensitive approaches in understanding methods of intervention and prevention. Offered spring.

*Prerequisite:* CHI 205 or PSY 200-level course

**CHI 350, 450 Topics in Child Development****1–3 credits**

These courses offer students in-depth study of topics in child development that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

*Prerequisite:* For CHI 350: one 200-level course in child development

For CHI 450: one 300-level course in child development

**CHI 430 Research and Reflection****in Early Childhood Education****1–3 credits**

This course provides prospective teachers with the opportunity for an in-depth research based study in an area of interest and/or need in combination with classroom experience. Child Development majors in the Early Childhood Education program may enroll in this course in the semester they are not completing CHI 490: Child Development, Early Childhood Education Teaching Internship. Offered fall and spring.

*Prerequisites:* CHI 307, 310, 311

**CHI 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**CHI 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring..

*Prerequisite:* Permission of the instructor and the department chair



**CHI 485 Child Development Internship and****Professional Development Seminar (Capstone)****6–15 credits**

This internship is required for child development students who are not pursuing teacher certification. The internship is composed of a seminar component and an internship in a setting serving children and/or families. The seminar focuses on improving research based practice with children and families while on internship and facilitates students' professional development, and preparation for work or graduate school. Placements include, but are not limited to internships in: hospitals, schools, museums, shelters, social-service agencies, and government agencies serving families and children. (Please note: 2.5 site-directed hours per week equals one credit). Graded Pass/Fail. Offered spring.

*Prerequisites:* Child Development Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

**CHI 490 Child Development, Early Childhood Education****Teaching Internship (Capstone)****15 credits**

This internship is required of students who are applying for New Hampshire Teacher Certification in Early Childhood Education. It is a full-time, semester-long internship in a nursery school, kindergarten, first, second, or third grade. Placement can be in either private or public schools. Students must have a minimum 2.50 cumulative grade point average, and a minimum 2.50 grade point average in the courses required for the child development, early childhood education program. Students earn a letter grade. Students seeking certification are required to pass the appropriate Praxis exams. Offered fall and spring.

*Prerequisites:* At least a grade of B- in CHI 306, the portfolio for CHI 306, and the lab portions of CHI 306, 307, 310, and 311; CHI 308, 309; acceptance into the Teacher Preparation Program; permission of the faculty sponsor and department chair.

## Dance

As a vital component of the mission of the Fine and Performing Arts Department, the college's Dance curriculum is technique-based and experiential in nature, offering a studio character based on demonstration and lecture followed by experimentation and practice. In addition to instructional technique courses, a course in choreography enables more advanced students to understand how dances are made and create their own movement-based art works. All dance courses (except Ballet) are offered at multiple levels of advancement; the lowest level of each satisfies the Exploration Area requirement for Fine and Performing Arts.

## Dance Course Offerings

**DAN 110 Ballet for the Creative Artist and Athlete****3 credits**

This course introduces the basic concepts, characteristics, and vocabulary of classical ballet technique (turnout, straight spine, and five body positions). It examines the athleticism of movement and emphasizes an understanding of the body as a means of communication. Students learn to develop poised posture, body placement, and muscular/core strength, helping them as dancers and athletes. Barre work progresses to center-floor and across-the-floor routines. Offered fall.

Exploration Area: Fine and Performing Arts

**DAN 120 Jazz Dance Technique I****3 credits**

In this introductory course students learn and practice basic jazz dance warm-ups, isolations, and combinations. The course emphasizes theory, technical development, and standard jazz dance vocabulary. Offered spring.

Exploration Area: Fine and Performing Arts

**DAN 130 Modern Dance Technique I****3 credits**

This course provides a beginning experience in modern dance technique. Through the theory and practice of basic modern dance technique and creative-movement activities, students develop core strength, freedom of movement, kinesthetic awareness, and control in the use of the body. Offered fall.

Exploration Area: Fine and Performing Arts

**DAN 220 Jazz Dance Technique II****3 credits**

This course builds on the jazz dance skills learned in DAN 120. More emphasis is placed on body and spatial awareness, clarity of expression and rhythm, and developing the jazz dance style. Students learn center-barre work and across-the-floor movement patterns which will develop into more complex jazz dance combinations. Offered spring.

*Prerequisite:* DAN 120

**DAN 230 Modern Dance Technique II****3 credits**

As a continuation of DAN 130, this course emphasizes the development of strength, flexibility, endurance, control, and coordination with music and rhythm in dance. Students practice basic axial and locomotive movements and their development into simple movement patterns. Offered fall.

*Prerequisite:* DAN 130

**DAN 240 Creating Choreography I****3 credits**

This class is for both beginning and experienced choreographers. In a safe, nurturing, but challenging class environment, students learn to create finished dance works using the language of movement. Through exploration of movement structures and music, and through study of other choreographers' work in relationship to the arts, students create a solo, duet, and small group works to be performed in the spring dance concert. Offered spring.

Exploration Area: Fine and Performing Arts

**DAN 320 Jazz Dance Technique III****3 credits**

A continuation of DAN 120 and 220, this course is designed for the intermediate-level student of jazz dance technique. The course emphasizes continued technical growth, the development of a more mature jazz dance style, and a solid grasp of rhythm, movement theory, and movement memory. Offered spring.

*Prerequisite:* DAN 220

**DAN 330 Modern Dance Technique III****3 credits**

A continuation of DAN 130 and 230, this class is designed for the intermediate-level student of modern technique. Students have the opportunity to further develop kinesthetic awareness and control of the body through the practice of specific modern dance movement exercises. The course seeks to expand the student's awareness of space and time and ability to discipline the body to move with energy and greater freedom. Offered fall.

*Prerequisite:* DAN 230

**DAN 340 Creating Choreography II****3 credits**

This class is an extension of DAN 240 and challenges the student choreographer to take more risks with movement invention and music choices, and to be open to the possibility of working with musicians, incorporating technology, or collaborating with other artists. New works culminate with a performance in the spring dance concert. Offered spring.

*Prerequisite:* DAN 240 or a previous dance technique course

**DAN 440 Creating Choreography III****3 credits**

An extension of DAN 340, this course challenges the experienced student choreographer to deeply explore the total performance experience. It provides opportunities to visit a prominent choreographer's rehearsal process and performance. New dance works are created by the students for performance in the spring dance concert. Offered spring.

*Prerequisite:* DAN 340 or a previous dance technique course

## Economics

**ECO 100 Liberal Arts Economics****3 credits**

This course is designed to allow a student to explore basic economic concepts. Knowledge of economic theory is of importance to students in all careers and of practical value to every student. In this course the non-business major is introduced to basic economic principles, monetary and fiscal policy, and the interrelationship between the U.S. and world economies. This course is intended for non-business majors and does not meet the economic course requirements for the business major. Offered spring

Exploration Area: Social Sciences

**ECO 101 Macroeconomics****3 credits**

The course introduces the basic principles of macroeconomics. Topics for discussion include the fundamentals of national income theory, monetary and fiscal policies, the nature and use of money, the gross national product, the effect of government on economic activity, problems in employment, contrasting economic systems, and business organization. Special reference is made to the role of women in the American economic system. Offered fall.

Exploration Area: Social Sciences

**ECO 102 Microeconomics****3 credits**

The course introduces the basic principles of microeconomics. Topics for discussion include the fundamentals of price theory; basic demand-and-supply relationships; problems in demand elasticity and utility; forms of economic competition; production schedules, costs and revenue; impact of the interaction of business and labor; economic rent; interest cost as a factor in production; and international trade. Offered spring.

Exploration Area: Social Sciences

**ECO/BUS 203 Money and Banking****3 credits**

This course is a study of the money and banking structure in America. Topics include the role of the banking system and other financial institutions in the supply and control of money; relationship of money to government with reference to the Federal Reserve; examination of monetary theory and national income analysis; and development of overall economic policy, including international involvements. Offered fall of even-numbered years.

*Prerequisite:* ECO 101

**ECO 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ECO 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

## Education

Colby-Sawyer students may earn New Hampshire Teacher Certification in Early Childhood Education (grades N–3). The Early Childhood Education Program is offered in conjunction with the Bachelor of Science in Child Development and provides the broad preparation necessary for teaching nursery school through third grade.

The education option requires students to complete specific coursework for education, including a full-semester, 15-credit teaching internship in the senior year. During the internship, the student teacher gradually assumes responsibility for the operation of the classroom with final responsibility for planning the curriculum, teaching, and supervising staff and volunteers. Each student teacher keeps records of learning plans, conducts parent conferences when appropriate, attends parent functions, and attends faculty meetings at the cooperating school. General criteria for admission to the student teaching internship include acceptance into the Teacher Preparation Program and approval by the supervisor of student teachers and by the cooperating teacher.

The college has an affiliation agreement to assist qualified Baccalaureate Degree graduates from Colby-Sawyer College into the graduate and teacher certification programs at Plymouth State University. Information is available in the Graduate School Opportunities section of this curriculum guide.

### Admission to the Teacher Preparation Program

Students must apply for formal acceptance into the Teacher Preparation Program at Colby-Sawyer College if they wish to pursue New Hampshire Teacher Certification. The college offers Teacher Preparation in Early Childhood Education (N–3). Students complete the necessary form with the assistance and approval of their advisor and return the completed form to the chair of the Department of Social Sciences and Education. Students must have received formal acceptance into the Teacher Preparation Program prior to enrolling in CHI 490.

**Note:** In order to be recommended for certification, a student must earn a State of New Hampshire passing score on the Praxis I and Praxis II (Early Childhood Education Content Knowledge) exams. The Praxis I exam must be taken prior to being admitted to the Teacher Preparation Program. Students who do not pass the Praxis I will work with the Director of the Teacher Preparation Program to design a plan to pass the exam. Further information is available from the department chair. In addition, to be accepted into the Teacher Preparation Program, students must complete and pass the School Employee Background Investigation and fingerprinting process with the New Hampshire Department of Safety.

*The State of New Hampshire Board of Education also requires prospective teachers to pass Praxis exams for certification. The precertification exams differ for each state. The requirements for teacher certification may change at any time if the State of New Hampshire sets new standards or requirements.*

## Child Development with Early Childhood Education Certification

Through this program students can earn New Hampshire Teacher Certification in Early Childhood Education (N–3). This certification provides the necessary credentials for teaching nursery school through third grade. New Hampshire certification transfers to most other states. *The State of New Hampshire may change its certification standards at any time. Therefore, program requirements may change.*

Students seeking early childhood education certification complete the major requirements for the B.S. in Child Development and additional courses. Teaching internships are done during the senior year and are arranged with cooperating teachers in local schools or in the campus laboratory school (Windy Hill School). To enter a teaching internship, students must be accepted into the Teacher Preparation Program and complete the application for student teaching.

### Child Development Major Requirements

CHI 205, 306, 308

PSY 101, 203, 401, 404

Two PSY courses at the 200 level or above

SOC 101, 203, 304

HIS 102

### Early Childhood Education Certification Requirements

Completion of the liberal education and major requirements for Child Development

WRT 105—minimum grade of C+

MAT 122 or above—minimum grade of C+

Exploration Literature course—minimum grade of C+

Successful completion of Major Acceptance and application for the Teacher Preparation Program

Minimum cumulative GPA of 2.50

CHI 205—class and practicum/lab minimum grade of C

CHI 306—class and practicum/lab minimum grade of B-

Successful completion of CHI 306 portfolio review

CHI 307 (practicum/lab—minimum grade of B-)

CHI 310 (practicum/lab—minimum grade of B-)

CHI 311 (practicum/lab—minimum grade of B-)

CHI 309, 313, 490

EDU 201—minimum grade of C+

### Suggested Registration

Fall	Spring
<b>First Year</b>	
WRT 105	PSY 203
PSY 101	SOC 203
SOC 101	Math Requirement
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course

**Suggested Registration** (continued)

<i>Fall</i>	<i>Spring</i>
<b>Sophomore Year</b>	
CHI 205 or EDU 201	EDU 201 or CHI 205
HIS 102 or Elective	HIS 102 or Elective
PSY Course 200-level or above	PSY Course 200-level or above
Liberal Education Course	PTH 201
Elective	Liberal Education Course
<b>Junior Year</b>	
CHI 306	CHI 307
CHI 310	CHI 308
CHI 309	CHI 311
SOC 304	CHI 313
PSY 404 or Liberal Education Course	PSY 401 or Elective
<b>Senior Year</b>	
PSY 404; or Liberal Education Course and Electives; or CHI 490	PSY 401; or Liberal Education Course and Electives; or CHI 490

CHI 285 or 430 is strongly recommended during the senior year in the semester when CHI 490 is not taken.

**Total credits: 120 minimum**

**Education Minor**

The Education minor allows all Colby-Sawyer students to explore the field of education through a combination of coursework and fieldwork. This minor provides students with a broad background of knowledge in education, psychology, and sociology, all areas which intersect in school environments.

**Note: Students who complete this minor are not eligible for New Hampshire Teacher Certification.**

**Requirements**

The minor in education consists of 19 credits that include EDU 201, EDU 305 with Lab, PSY 101, PSY 206 or PSY 240 [Students interested in pursuing graduate work in Physical Education may substitute ESS 204: Motor Development], SOC 101 and three additional credits chosen from CHI 309, CHI/PSY 320, EDU 350, EDU 485, PSY 306, SOC 304. Please refer to the section of the curriculum guide entitled Minor Programs for further information.

**Education Course Offerings****EDU 201 Foundations of Education** **3 credits**

This course explores the social, political and philosophical forces behind school structures and practices in the United States as they have evolved over time. Students analyze the interaction of ideas and practices in past and current contexts. Exploratory assignments and projects are conducted in the schools. Course readings, class activities, and projects in the schools provide students with a framework from which they can formulate their own educational principles and standards. Students seeking certification are required to pass the appropriate Praxis exams. Offered fall and spring.

Exploration Area: Social Sciences

**EDU 250, 350 Topics in Education** **1–3 credits**

These courses offer students in-depth study of topics in education that are not part of the regularly scheduled course offerings. The topics are announced before registration.

**EDU 285 Education Internship** **0–3 credits**

This internship allows students to observe and participate in classes at the college or at local schools. Students develop a focus question or questions for their work in a school or schools and keep a journal related to their work. Students may present their findings to one of their on-going education classes. Five hours in the classroom and one hour per week with the professor equals one credit. This internship may be repeated for a maximum of three credits. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* Preinternship seminar, permission of the faculty sponsor and department chair

**EDU 305 Methods of Teaching I** **4 credits**

This course provides students with an introduction to classroom methods and teaching strategies. Students develop and implement lessons, teach and critique lessons, and develop and apply assessment tools. Curriculum models and frameworks are introduced and applied in lesson planning. Opportunities for applied work and in-depth study of children and adolescents are provided through the required four-hour-per-week practicum experience in local schools. Students earning Teacher Certification may enroll in the 3-credit lecture either with or without the 1 credit practicum. Students seeking certification are required to pass the appropriate Praxis exams. Offered fall.

*Prerequisite:* EDU 201

**EDU 485 Education Internship** **0–15 credits**

In this course students work in an educational setting with children in the middle- and high-school years. Placements include, but are not limited to private schools and, recreational, tutorial, developmental, and residential programs. Internships involve work experiences and individual and group discussions with on-site campus supervisors and with peers in other internship placements. There is a required weekly seminar meeting. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* EDU 201, 305, 306, preinternship seminar, permission of the instructor

## English

### Bachelor of Arts: English

The Humanities Department offers an English major, a curriculum of literary studies, that provides an opportunity for personal, academic, and professional growth through study of literature and mastery of written expression. Specifically, students increase their understanding of the depth and variety of human experiences by exploring the literature of different cultures in an interdisciplinary way; develop close working relationships with faculty members that offer intellectual challenge while encouraging creative and unique courses of study; create a senior thesis project that utilizes interpretative insight, research skills, and writing abilities; and, finally, explore related professional experiences by means of internships and service-learning projects. Upon graduation, these skills in literary analysis and textual interpretation provide a strong foundation for either graduate studies or other professional pursuits.

#### Major Requirements—English

Liberal Education Program requirements

ENG 160—minimum grade of C

ENG 200-level courses: 18 credits

Two survey courses: ENG 221, 222, 231, 232, 248, or 249

Two genre courses: ENG 213, 220, 226, 244, 245, 251, or 265

Two interdisciplinary/cultural courses: AME 201; ENG 215, 216, 224, 229, or 247; ENV 215

ENG 300- and 400-level courses: 18–24 credits

ENG 342, 485, 487, 488

Four additional 300-level courses: AME 305; ENG 317, 324, 331, 332, 333, 335, 338, 339, or 350

#### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in ENG 160 and in one 200-level literature course
- Meet with a member of the English faculty to review coursework, GPA and professional goals
- Submit an electronic English major portfolio that will include an essay from WRT 105, the final reflective essay from ENG 160, and material from a 200-level literature course of the student's choosing. The portfolio must include the Major Acceptance application that lists grades, courses taken in the major and overall GPA.
- Submit a letter to introduce the portfolio explaining the reasons for wanting to major in English.

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply.

Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

#### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	ENG 200-level Survey Course
ENG 160	ENG 200-level Genre Course
Math Requirement	ENG 200-level Interdisciplinary/ Cultural Course
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
ENG 200-level Survey or Genre Course	ENG 200-level Survey or Genre Course
ENG 200-level Interdisciplinary/ Cultural Course	ENG 300-level Literature Course
Liberal Education Course	Liberal Education Course
Elective	PTH 201
Elective	Elective
<b>Junior Year</b>	
ENG 300-level Literature Course	ENG 342
ENG 300-level Literature Course	ENG 485
Liberal Education Course	Elective
Elective	Elective
Elective	Elective
<b>Senior Year</b>	
ENG 300-level Literature Course	ENG 488
ENG 487	Elective
Elective	Elective
Elective	Elective
Elective	Elective

Recommended electives: courses in creative writing, philosophy, religion, American studies, women's studies, communication studies, and film.

**Total Credits: 120 minimum**

#### English Minor

##### Requirements

The English minor consists of 18 credits of courses that satisfy the English major. ENG 160 is required, and at least six of the remaining 15 credits must be at the 300 or 400 level. Please refer to the Minor Programs section of the curriculum guide for further information.

## English Course Offerings

### **ENG 160 Thinking About Literature** 3 credits

Students take a creative and critical approach to such questions as what is literature, how do literary texts relate to each other, and how does literature relate to ordinary life. Students learn critical vocabulary and read a variety of texts to develop a more creative and playful process of engaging with literary texts. A minimum grade of C is required for English majors. Offered fall.

### **ENG 213 The Poem** 3 credits

This course explores the ways of reading and understanding poetry of many cultures and literary periods. The material ranges from ancient poetry to contemporary song lyrics. This course investigates the origin of poetry and addresses such questions as ‘where does poetry come from?’; ‘what is it that we pay tribute to when we write poetry?’ Offered fall of even-numbered years.

Exploration Area: Literature

### **ENG/ENV 215 Visions of Nature: The Literary Tradition** 3 credits

Using examples of the nature writing tradition begun by Gilbert White and continued by writers such as Edward Abbey, Rachel Carson, Charles Darwin, Annie Dillard, Michael Pollan, Wallace Stegner, Henry David Thoreau, this course examines the sources of the nature-writing tradition in prose and poetry. Students explore definitions of the pastoral, wilderness, the birth of environmentalism looks toward ecocentric visions for the 21st-century. Offered fall and spring.

Exploration Area: Literature

### **ENG 216 Irish Literature** 3 credits

This course examines Irish literature in its cultural context. Special attention is given to Anglo-Irish relations, Catholicism, the Famine, Irish nationalism, and Ireland’s hold on the Irish-American imagination. Students read a sampling from Ireland’s rich literary heritage ranging from ancient heroic narratives to writers more familiar to 21st-century readers, such as Heaney and McCourt. Offered spring of even-numbered years.

Exploration Area: Literature

### **ENG 218 Perspectives in Children’s Literature** 3 credits

Students explore what role literature for young children plays in the social, psychological and cultural life of young people and of the adults who care for them. This is not a survey course. Rather, it is an in-depth look at how particular books help to shape a child’s moral and social development. Offered spring of even-numbered years.

Exploration Area: Literature

### **ENG 220 Adolescent Literature** 3 credits

Students enrolled in this course work to identify those criteria that set literature written exclusively for adolescents apart from that written for a more general read-

ership. Students also reflect on and write about their own adolescence in ways that will help them understand this literature in deeper, more personal context. Offered spring of odd-numbered years.

Exploration Area: Literature

### **ENG 221 Survey of American Literature I** 3 credits

This course is the study of selected representative works by American writers before 1855. Special attention will be paid to literary periods, major literary themes, and major authors. Offered fall of odd-numbered years.

Exploration Area: Literature

### **ENG 222 Survey of American Literature II** 3 credits

This course is the study of selected representative works by American writers from 1855 to the present. Special attention will be paid to literary periods, major literary themes, and major authors. Offered spring of even-numbered years.

Exploration Area: Literature

### **ENG 224 Caribbean Written and Oral Literature** 3 credits

Students study the written literature, oral traditions and music from the Caribbean. Topics such as the relation of literature to oral tradition, the emergence of new literature in a post-colonial context, the experience of immigration, and the aesthetic legacy of Africa in the Caribbean are considered. Offered fall of odd-numbered years.

Exploration area: Global perspectives

### **ENG 226 American Poets, The Puritans to the Present** 3 credits

This course explores the writing of major American poets from the 17th century to the 21st century in the context of American social and intellectual history. This course satisfies a survey requirement for the English major. Offered spring of odd numbered years.

Exploration Area: Literature

### **ENG 229 Native American Literature** 3 credits

This course is a study of representative works created by native peoples of the United States, including traditional songs and chants from the oral traditions of past centuries as well as poetry, fiction and autobiographical writings from such contemporary authors as Sherman Alexie, Michael Dorris, Louise Erdrich, Joy Harjo, Leslie Silko, and N. Scott Momaday. Offered fall of even-numbered years.

Exploration Area: Literature

### **ENG 231 British Literature I** 3 credits

Anglo-Saxon, Medieval, Elizabethan, Restoration, and 18th-century figures are approached within the contexts of social and religious roles/concepts, aesthetic forms and conventions, and literary themes. Student read the works of Chaucer, Milton, Shakespeare, Donne, Swift, Pope, Johnson and others. Offered fall of even-numbered years.

Exploration area: Literature

**ENG 232 British Literature II****3 credits**

In this course students study major British authors from the 1780's to the present. Their writings are studied in relation to literary themes, historical change, and creative innovation. Offered spring of odd-numbered years.

Exploration area: Literature

**ENG 244 The Novel in a Global World****3 credits**

This course focuses on novels that portray a modern, globalized world and how individuals cope with cultural change. Students consider the relation of content to form. How has the novel changed to represent a new, more global world? Offered fall of odd-numbered years.

Exploration Area: Literature

**ENG 247 Encountering America****3 credits**

The Americas proved to be the meeting ground of cultures which were vastly different in religion, technology and culture. This course examines the encounters which took place across North, Central and South America as they were experienced by Native Americans, Europeans and West Africans. Early and modern texts are studied to consider the perplexing situation of confronting the unimaginable. Offered spring of even-numbered years.

Exploration Area: Literature

**ENG 248 World Literature I: Foundations of Culture****3 credits**

This course introduces the origins of human expression in non-Western cultures. The readings begin with some of the first works of recorded literature and ends with the discovery of new worlds. Students study the contexts and meanings of the texts as well as the new and important perspectives they can bring to our own lives. Offered fall.

Exploration Area: Global Perspectives

**ENG 249 World Literature II: Modern World Literature****3 credits**

This course focuses on modern European and non-Western literature. We will examine cultural expression in language and art, the impact of emigration and exile on identity and gender, and the deep connections among globalization, politics, and the literary imagination. Offered spring.

Exploration Area: Global Perspectives

**ENG 250, 350 Topics in English****1–3 credits**

These courses offer students in-depth study of topics in English that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**ENG 251 Modern Drama****3 credits**

This course introduces students to the various forms of modern drama through the study of plays and playwrights from different cultures. Of particular interest are the similarities and differences in both form and content of modern drama from various countries and the cultural values which are reflected in it. Principal writers

include Beckett, Chekhov, Ibsen, O'Neill, Pirandello, Williams, and Wilson. Offered spring of even-numbered years.

Exploration Area: Literature

**ENG 265 Literature and Film****3 credits**

This course explores the similarities and differences in both the form and content of works of literature—short stories, novels, nonfiction, drama—and their cinematic adaptations. Using literary and filmic examples from a variety of cultural traditions, the course considers how the two media draw on their unique aesthetic elements to develop characters, themes, narrative lines and point of view. Offered spring of odd numbered years.

Exploration Area: Literature

**ENG 285 English Internship****0–3 credits**

Qualified sophomores, juniors, and seniors may arrange internships related to English with a faculty member in the Humanities Department. The goal is to gain practical experience under the supervision of both a professional in the field and a member of the English faculty. Any organization involved in writing or publishing, or the promotion of literature, literacy and the arts would serve as appropriate sites. These organizations might include newspaper, magazine, journal and book publishers, advertising and public relations firms, state and local libraries, writers' organizations, arts councils, historical societies, and the like. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Preinternship seminar, permission of the faculty sponsor and department chair

**ENG 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ENG 317 The Romantic Rebellion****3 credits**

Students study Romantic poetry and prose within the political context of the time. The late 18th century was a time of near revolution in Great Britain where ideas about democracy, slavery, gender, class structure and even literature were intensely debated. Wordsworth, Coleridge, Blake, Mary Shelley and others participated in these debates. Offered spring of even-numbered years.

*Prerequisite:* one 200- level literature course.

**ENG 324 Literature of the American Renaissance** **3 credits**

This course explores the major figures of mid-19th century American literature—Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, and Dickinson—by examining their works in considerable detail, understanding their contributions to the American Renaissance in the context of the times when they were created and tracing the connections and influences these authors had on the works of one another. Offered fall of odd-number years.

*Prerequisite:* One 200-level literature course

**ENG/WST 331 Images of Women in Literature** **3 credits**

This course examines the various ways women have written the text of their lives within the genres available to them and within the context of the cultures they have inhabited. Writers studied include Zora Neale Hurston, Toni Morrison, Tillie Olsen, Adrienne Rich, Virginia Woolf, Arundhati Roy, and Margaret Atwood, as well as feminist literary critics and theorists. Offered fall of odd-numbered years.

*Prerequisite:* One 200-level literature course

**ENG 333 The Flying Africans and the Talking Book** **3 credits**

African Americans have had a complex relation to literature and literacy. On the one hand, the ability to read and write was a means to freedom and to progress. On the other, African Americans always had a great faith in the power of the spoken words as a means of creative and even magical power. The creativity of both oral and written expression will be studied in this course. Offered spring of odd-numbered years.

*Prerequisite:* one 200-level literature course.

**ENG 335 Autobiography: The Tentative Self** **3 credits**

This course introduces hybrid literary genre autobiography. The life of the self, written by the self, provides students with insights into historical, literary, political and cultural truths as they were recognized by a wide range of autobiographers. Examples of autobiography performed as confession, apologia, profession of faith, or transformation of experience are included and represented in forms as diverse as letters and fiction. Offered fall of even-numbered years.

*Prerequisite:* one 200-level literature course.

**ENG 338 Contemporary Novel and Narrative Theory** **3 credits**

The purpose of this course is to study modern novels with the tools provided by contemporary narrative theory. Students read experimental novels mostly published since the 1960s and excerpts from recent theoretical essays. This course also explores the differences between Modernism and Postmodernism in the example of chosen novels. Offered fall of even-numbered years.

*Prerequisite:* One 200-level literature course

**ENG 339 Modernism: Literature from 1890–1940** **3 credits**

This course examines representative works of poetry, fiction and drama from the experimental literary movement known as modernism, exploring the social, cultural, and aesthetic influences that gave rise to this literature and which are reflected

in it, including links with the art, music and film of the period. Among the writers to be considered are Cather, Eliot, Faulkner, Hemingway, Joyce, Pirandello, Pound, Stein, Toomer and Woolf. Offered spring of even-numbered years.

*Prerequisite:* One 200-level literature course

**ENG 342 Writing About Literature** **3 credits**

This course introduces students to a range of traditional and contemporary critical approaches to literary texts with the goal of extending their level of analysis, research, and writing. In the process, students also develop a keener sense of how critical study and analysis are performed at the professional level. This course prepares them for the extended senior capstone project. Offered spring.

*Prerequisite:* ENG 160

**ENG 478 Research Assistantship** **1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**ENG 480 Teaching Assistantship** **1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ENG 485 English Internship** **0–6 credits**

All English majors are required to complete a 400-level internship to gain practical experience under the supervision of both a professional in the field and a member of the English faculty. Any organization involved in writing or publishing, or the promoting of literature, literacy, and the arts would serve as appropriate sites. These organizations might include newspaper, magazine, journal and book publishers, advertising and public relations firms, state and local libraries, writers' organizations, arts councils, historical societies, and the like. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* English Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

**ENG 487 The Capstone Proposal** **1 credit**

Students design and complete the proposal and an annotated bibliography for the Capstone Project they write the following semester. Students plan their project with both the instructor and their advisor for the project. Proposals are evaluated by the instructor, their advisor, and another member of the department. Graded Pass/Fail. Offered fall.

*Prerequisites:* ENG 342, English major.



**ENG 488 The Capstone Experience:****Senior Seminar in Literary Studies****2 credits**

Students complete a significant, independent project in a workshop setting. Students draw upon their own interests, developing their skills to a more professional level, and design a project that consolidates their own approach to literary studies. Students present the project on Scholars Day. Three faculty members, including the instructor and the advisor assess the final essay. Offered spring.

*Prerequisites:* ENG 487 or permission of the instructor.

## Environmental Science and Environmental Studies

Several essential features of the Environmental majors provide students with a unique and exciting learning experience. First, the majors are preprofessional and designed to provide students with the necessary hands-on skills they need to step from college directly into the work force. They are designed to prepare students for graduate training in a number of fields. Second, many student projects are linked closely with the local community. Third, many experiences in the majors are student driven. Students are responsible for determining which questions and issues are important as well as the proper methods for addressing those issues. These academic and professional opportunities in the environmental discipline provide an educational experience that students are unlikely to encounter at any other small liberal arts college.

Students in both the Environmental Science and Environmental Studies majors start with a foundation of core courses and after this the two majors diverge. There are two different concentrations to select from in the Environmental Science major: terrestrial and aquatic. Students in the Environmental Studies major have a more interdisciplinary focus and an opportunity to develop a concentration in their area of interest related to the environment. Students in both majors come back together to share the Community-Based Research project and capstone courses.

**Field Study Semester**

Colby-Sawyer College has an affiliation agreement with the School for Field Studies. Students who meet the prerequisites may spend the fall semester of their senior year at one of the School for Field Studies locations. The Colby-Sawyer College financial aid will travel with the student and the credits earned will appear as Colby-Sawyer College credits. Interested students should contact the department chairs of the Environmental Studies or Biology for more details. Please refer to the Website for additional information <http://www.fieldstudies.org>.

**Bachelor of Science: Environmental Science**

The Environmental Science major is for those students whose interest in the environment has a more scientific focus. The major is designed to prepare students to enter the field with the skills environmental professionals are using in the workplace. There are two different concentrations to select from in this major: terrestrial and aquatic. These two concentrations take full advantage of the fact that the college is surrounded by lakes and forests and students have the benefit of field research at their doorstep. Students selecting the Aquatic concentration will have a stronger chemistry component and students selecting the Terrestrial concentration have more of a conservation biology focus.

**Major Requirements—Environmental Science**

Liberal Education Program requirements

Students majoring in Environmental Science choose a concentration in either Aquatic or Terrestrial studies

**Environmental Science—Aquatic**

ENV 100, 120, 201, 203, 301, 302, ENV 300-level (environmental chemistry), 485, 487, 488

BIO 107, 317

CHE 101, 102

SCI 200-level (geology)

MAT 220

Students must have a minimum cumulative GPA of C (2.00) in all required courses for Environmental Science-Aquatic to graduate.

**Environmental Science—Terrestrial**

ENV 100, 120, 201, 203, 204, 301, 302, 485, 487, 488

BIO 107, 314, 318, 407

MAT 220

SCI 200-level (geology)

Students must have a minimum cumulative GPA of C (2.00) in all required courses for Environmental Science-Terrestrial to graduate.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in ENV 100, 120, 201 and 203.

**Note:** There is no Major Acceptance essay required for Environmental Science. A liberal education learning outcomes reflection is completed in ENV 301 and is added to the liberal education portfolio in lieu of a Major Acceptance essay.

**Environmental Science—Aquatic Concentration****Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	ENV 120
ENV 100	MAT 220
BIO 107	Liberal Education Course
PTH 101	Liberal Education Course
Liberal Education Course	Elective
<b>Sophomore Year</b>	
ENV 201	ENV 203
CHE 101	CHE 102
Liberal Education Course	PTH 201
Liberal Education Course	Liberal Education Course
Elective	Elective
<b>Junior Year</b>	
ENV 301	ENV 302
BIO 317 or SCI 200-level (Geology)	ENV 300-level (Environmental Chemistry)
Liberal Education Course	ENV 487
	Liberal Education Course
	ENV 485 Summer Internship
<b>Senior Year</b>	
BIO 317 or SCI 200-level (Geology)	ENV 488
Liberal Education Course	Elective
Elective	Elective
Elective	Elective
Elective	

**Total credits: 120 minimum****Environmental Science—Terrestrial Concentration****Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	ENV 120
ENV 100	MAT 220
BIO 107	Liberal Education Course
PTH 101	Liberal Education Course
Liberal Education Course	Elective
<b>Sophomore Year</b>	
ENV 201	ENV 203
BIO 318 or SCI 200-level (Geology)	ENV 204
Liberal Education Course	PTH 201
Liberal Education Course	Liberal Education Course
Elective	Elective

**Junior Year**

ENV 301	ENV 302
BIO 318 or SCI 200-level (Geology)	BIO 314 or BIO 407
Liberal Education Course	ENV 487
	Liberal Education Course
	ENV 485 Summer Internship

**Senior Year**

Liberal Education Course	ENV 488
Liberal Education Course	BIO 314 or BIO 407
Elective	Elective
Elective	Elective
Elective	

**Total credits: 120 minimum****Bachelor of Science: Environmental Studies**

This major is for students whose environmental interest is more interdisciplinary. Required study areas provide an introduction to ecology, business, nature writing, ethics, and psychology or sociology where links can be made between each of these areas and the environment. Students choose program electives in their area of interest, and a minor to add depth to a discipline and to merge their environmental interest with a field in which they wish to work. This major prepares students for a career with a solid understanding of environmental issues and policy.

**Major Requirements—Environmental Studies**

Liberal Education Program requirements  
 ENV 100, 120, 201, 203  
 ENV 301, 302, 485, 487, 488  
 MAT 220

**Required Areas of Study:** Specific courses are required in five areas of study.

These include:

BIO 107  
 BUS 115  
 ENV/ENG 215  
 ENV 204  
 PSY 101 or SOC 101

**Electives:** Choose two of the following courses for a minimum of six credits, one course must be at the 300/400 level:

AME 201; BIO 317, 318, 407; BUS 321, 327; ENG 229; ENV 207, 250, 304, 305, 306, 321, 323, 334, 350, 366, ENV 300-level (env. chem.), 404, 450, 470, 480; PHI 312; GOV 306; HIS 323; SCI 200-level (geology); SOC 305

To graduate students must have a minimum cumulative GPA of C (2.00) in all required courses for the Environmental Studies major.

**Minor Requirement**

Environmental studies majors are required to select and complete a minor from among those offered by the college. In making their selection, students should consider which course of study highlights their specific interests. Refer to the Minor Programs section of the curriculum guide for further information.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in ENV 100, 120, 201 and 203.

**Note:** There is no major acceptance essay for Environmental Studies. A liberal education learning outcomes reflection is completed in ENV 301 and is added to the liberal education portfolio in lieu of a major acceptance essay.

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BUS 115
ENV 100	ENV 120
BIO 107	Liberal Education Course
Liberal Education Course	Liberal Education Course
PTH 101	Elective
<b>Sophomore Year</b>	
ENV 201	ENV 203
MAT 220	ENG/ENV 215
SOC 101 or PSY 101	ENV 204
Liberal Education Course or Minor Course	PTH 201
Liberal Education Course	Elective
<b>Junior Year</b>	
ENV 301	ENV 302
Liberal Education Course or Minor Course	ENV 487
ENV Elective	Liberal Education Course
	Minor Course
	ENV 485 Summer Internship
<b>Senior Year</b>	
Liberal Education Course	ENV 488
Minor Course	Minor Course
Minor Course	Elective
Elective	ENV Elective
Elective	

**Total credits: 120 minimum**

**Environmental Studies Minor****Requirements**

The minor in environmental studies consists of 20 credits. Students intending to minor in environmental studies must take the following courses:

ENV 100, 120, and ENV 201 or 203

Three additional Environmental Studies courses, two of which must be at the 300 or 400 level, chosen from the list of required areas of study and the list of elective courses. Please refer to the Minor Programs section of the curriculum guide for further information.

**Environmental Sciences and Studies Course Offerings****ENV 100 Exploring Nature: A Sense Of Our Natural Place** **3 credits**

The study of our natural world has fascinated people throughout time. People have studied it to determine what, how, where, and why certain plants and animals exist in a place. Students learn identification skills and understand the functional relationships between flora and fauna that will provide a strong foundation for future environmental studies, and a lifetime of enjoyment in the art and science of natural history exploration. Offered fall and spring.

Exploration Area: Environmental Literacy

**ENV 105 The Science of Maple Sugaring** **1 credit**

Students contribute to the preparation, processing and production of maple syrup on campus. Students gain an understanding of the physiological aspects of spring sap runs, learn forest management strategies to maximize sugaring yields, assess innovative technologies used in sugaring, as well as market and sell our maple syrup. Students gain hands on experience as they assist in running the college's sugar house. Offered spring.

**ENV 108, 110, 112, 114 Environmental Science Seminar** **1 credit**

The Environmental Studies Department provides a program of speakers that focus on environmental topics. Seminars are open to the public. Students receive one credit for attendance at 80 percent of the semester's talks and producing several short writing assignments. Graded Pass/Fail. Offered spring.

**ENV 120 Environmental Issues** **4 credits**

This course examines environmental issues that threaten the future of the earth and current lifestyles. Students examine these issues after being introduced to pertinent biological and physical scientific principles. Laboratory exercises are included. Topics include population control, ozone layer depletion, loss of species diversity, rain forest depletion, global warming, recycling, toxic wastes, and air and water pollution. Offered fall and spring.

Exploration Area: Science

**ENV 201 Water Resources****4 credits**

This course will explore aquatic ecosystems, an essential resource for human life that we often take for granted. Students will explore streams, lakes, wetlands, estuaries, and marine ecosystems, learning how humans impact water resources, and the broad implications of these alterations. The class will examine ecological, economical, societal, and political aspects of water resources. Students will participate in a variety of field based laboratory investigations on and off-campus. Offered fall.

Exploration Area: Science

**ENV 203 Climate Change****4 credits**

Climate is a fundamental component of life on Earth. This course explores the theory and dynamics of climate change over millions of years and also looks at evidence and consequences of more recent change. Students will learn how science, ethics, economics, public policy, and the study of human activities can affect environmental problems and solutions. Field study experiences complement classroom work. Offered spring.

Exploration Area: Science

**ENV 204 Geographic Information Systems I****3 credits**

Geographic Information Systems (GIS) is a computer application that uses spatially-referenced information to analyze data and display results in map form. This course introduces students to concepts and skills that will help them interpret GIS displays as well as create their own maps. A good deal of time is spent critiquing cartographic technique and the ways it can be used to influence how map readers will interpret the media. Offered spring.

Exploration Area: Media Literacy

**ENV 207 Global Environmental Issues****3 credits**

This course will take a multidisciplinary approach to global environmental issues such as climate change, biodiversity conservation, environmental justice, poverty reduction, and resource depletion. The scientific, social, economic and political consequences and approaches to global environmental issues will be explored by means of “place-based perception.” Simply, we will get to know our own local environment and use that knowledge to expand the scope and scale of understanding. Offered fall of even-numbered years.

Exploration Area: Environmental Literacy

**ENV/ENG 215 Visions of Nature: The Literary Tradition****3 credits**

Using examples of the nature writing tradition begun by Gilbert White and continued by writers such as Edward Abbey, Rachel Carson, Charles Darwin, Annie Dillard, Michael Pollan, Wallace Stegner, Henry David Thoreau, this course examines the sources of the nature-writing tradition in prose and poetry. Students explore defini-

tions of the pastoral, wilderness, the birth of environmentalism looks toward eco-centric visions for the 21st-century. Offered fall and spring.

Exploration Area: Literature

**ENV 250, 350, 450 Topics in Environmental Studies****3–4 credits**

These courses offer students in-depth study of topics in community and environmental studies that are not part of the regularly scheduled course offerings. The topics are announced before registration.

**ENV 295, 395, 495 Independent Study****1–4 credits**

Students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence. The course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the Environmental Studies department chair.

**ENV 301 Community-Based Research Project I****9 credits**

The third year is the defining characteristic of the Environmental Program. All students majoring in environmental studies and environmental science take ENV 301 and 302 for 15 total credits during the third year. In addition to traditional classroom and laboratory exercises, students are immersed in an in-depth, yearlong analysis of a local environmental issue with detailed fieldwork and extended site visits. A new project is developed each year with a local community partner. Offered fall.

*Prerequisites:* Major acceptance or permission of the department.

**ENV 302 Community-Based Research Project II****6 credits**

This course is the second, required component of the Community-Based Research Project. Students continue the yearlong analysis of a local environmental issue with detailed fieldwork and extended site visits, developing important skills in group-oriented tasks. Students must enroll in both ENV 301 (fall) and ENV 302 (spring). Offered spring.

*Prerequisite:* ENV 301

**ENV 304 Geographic Information Systems II****3 credits**

Students in this course should be proficient in the basics of Geographic Information Systems (GIS) and the ESRI ArcGIS software platform, including bringing data into a project, manipulating it, and creating a map layout. In this intermediate course students are expected to move from tutorial-based learning and exercises to developing their own research project. Offered spring.

*Prerequisite:* ENV 204

**ENV/SOC 305 Communities and Environment****3 credits**

This course examines how social organizations and structures such as the distribution of power and the construction of meaning shape and are shaped by what we call nature or the environment. Students seek to understand the interactions between environmental issues and social processes such as culture, community and social inequality, and how that influences our approaches to global as well as local social and environmental problems in sustainable and fair ways. Offered fall of even-numbered years.

*Prerequisite:* SOC 101

**ENV/GOV 306 Introduction to Environmental Law and Policy****3 credits**

In this course students learn the history and application as well as interpretation of environmental policy and law. Several of the most important federal environmental laws and Acts are studied and a number of international agreements such as the Montreal and Kyoto protocols. Current environmental challenges are explored especially with respect to how they might be addressed using law and policy. Offered spring.

*Prerequisite:* Sophomore standing or above

**ENV 300-level Environmental Chemistry (under development)****3 credits**

This course will study the quantitative aspects of environmentally important chemical cycles. We will take a systems approach by studying the chemical cycles within the atmospheric, hydrospheric, and lithospheric segments of the environment. Specific topics will include ozone formation/destruction, photochemical smog, acid rain, dissolved metals, dissolved nutrients, sewage treatment, and soil structure. Laboratory work will focus on the quantitative measurements of some of these systems. Offered: Spring of odd-numbered years.

*Prerequisites:* CHE101 and CHE102

**ENV/BUS 321 Sustainable Organizations****3 credits**

This course explores ways to build stronger sustainable organizations. Students use literature, readings, case studies, current examples, debate, site visits, outdoor walks and personal reflection to better understand their own relation to nature, the challenges facing organizations, and ways to address them. Students also gain the practical experience by conducting a carbon footprint audit for an organization. Offered fall.

*Prerequisites:* WRT 105, sophomore standing or above

Exploration Area: Environmental Literacy

**ENV/HIS 323 White Mountain History****3 credits**

This course uses the White Mountains region of New Hampshire as a case study about the manner in which humans and the natural environment interact, especially through resource extraction and tourism. Students study the history of the region, including the people, communities, and political and economic change, as well as the ecological and social effects of human actions. Offered fall even-numbered years.

*Prerequisites:* HIS 100- or 200-level course or one ENG 200-level course.

**ENV 334 River Communities****3 credits**

This field based course exposes students to the societal needs for water, such as potable urban use, agriculture, and industry, as well as the need to sustain the biological functions of the river systems using the Colorado River system as a case study. Part of the field experience is a 4 day raft trip on the river studying the geology, biology, and historical artifacts. There is an estimated fee of \$1,800 for the course.

Participants in this course receive a grade of incomplete 'I' at the end of the Spring term. Final course grades are be posted upon returning from the field component after the Spring term has ended. Students should consider this as it may delay official graduation of seniors until the final grade is submitted. Offered spring of odd-numbered years.

*Prerequisites:* One of the following: BIO 106, 107; ENV 100, 120, 201, 203; SCI 112, 130

**ENV 366 Desert Communities****3 credits**

This is a field study course to the Sonoran Desert in Arizona. Students apply ecological principles to the Sonoran Desert in order to understand how this region is similar and different to their own biome and to other deserts in the southwest. Students meet regularly before and after the trip and travel to Arizona during spring break. There is an estimated fee of \$700 for this course. Offered spring of even-numbered years.

*Prerequisite:* One of the following: BIO 106, 107; ENV 101, 120, 201, 202; SCI 130

**ENV 404 Geographic Information Systems III****3 credits**

Students in this course should be able to use the ESRI ArcGIS platform to plan and execute a research project using GIS. Students in this course will learn to use an ESRI ArcGIS extension of their choice, demonstrating proficiency with that extension by incorporating its use in a project. The final product will be a professional presentation of their research project. Offered spring.

*Prerequisite:* ENV 304

**ENV 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**ENV 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and department chair.

**ENV 485 Environmental Studies/Science Internship** **0–6 credits**

Through a 240-hour-minimum-internship, students gain professional experience in applying the skills and methods associated with a B.S. in Studies/Science. Students must follow the internship requirements developed by the staff of the Harrington Center for Career Development. An poster presentation of the internship is required. Course may be repeated for credit, however, 240-hour-minimum is not required. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair.

**ENV 487 Senior Capstone Seminar I** **1 credit**

This independent research project is completed in an area relevant to the study of environmental studies and sciences. Students learn to develop a research question, become familiar with quantitative and qualitative research methods, and write a literature review and a research proposal. Class sessions are be discussion-based as students apply the readings to the development of their research question and proposal. Offered spring.

*Prerequisite:* Environmental Science or Environmental Studies Major Acceptance

**ENV 488 Senior Capstone Seminar II** **2 credits**

The final component of the major is an independent research project. In consultation with faculty member, students identify a topic, complete a literature review, determine research and analytical methodologies, prepare a proposal, conduct research and analysis, and present their findings in a final written report and an oral presentation. This course also addresses the professional development following graduation. Offered spring.

*Prerequisite:* ENV 487

## Exercise and Sport Sciences

The Exercise and Sport Sciences department offers majors in athletic training, exercise science, and sport management. All three integrate the liberal arts and sciences with professional preparation. The majors are designed to provide an integration of practice and theory through classroom activities, internships, and student interactions with professionals in the field. Each major has its unique disciplinary focus and the commitment to enhancing positive and healthy experiences within sport and physical activity. Graduates are prepared for a wide array of professional opportunities and graduate school. Opportunities also exist within the department to pursue a coaching certificate.

Internships and/or field experiences are an integral part of the educational experience for all majors. Based on the major, students have a minimum of two internship/field experiences. Sites for these experiences are arranged in consultation with the department. **Information on pre-law, pre-physical thereapy, pre-medical and pre-veterinarian studies is available in the Additional Curricular Opportunities section of the curriculum guide. The college has an affiliation agreement to assist qualified Baccalaureate degree graduates from Colby-Sawyer into Masters Degree programs at Springfield College. Information is available in the Graduate School Opportunities section of the curriculum guide.**

### Bachelor of Science: Athletic Training

The Athletic Training Education Program, accredited by the Commission on Accreditation of Athletic Training Education, provides preparation in the prevention, recognition, management and rehabilitation of injuries for the physically active. This preparation may lead to careers in secondary schools, colleges and universities, professional sports, sports medicine clinics, or corporate or industrial settings.

#### Major Requirements—Athletic Training

Liberal Education Program requirements

Competency Requirement: ESS 105 (American Red Cross CPR/AED for the Professional Rescuer and Standard First Aid or American Heart Association CPR/AED for the Healthcare Provider and Standard First Aid. Other certifying organizations must be approved by the ESS department. First aid and CPR certification must be kept current.)

Foundation requirements: ESS 100, 101, 451, 452

Students must have a minimum cumulative GPA of C (2.00) in all required courses in the major to graduate.

BIO 106, 205\*, 206\*

MAT 123 or higher

SCI 201

PSY 101

ESS 106\*, 108, 215\*, 216\*, 231, 234, 307\*, 311\*, 316\*, 323, 324, 330, 331, 333, 334, 410\*, 431, 432, 433, 434, 443

\*A minimum grade of C (2.00) is required for each of these courses.

Students also must:

1. be enrolled in Colby-Sawyer's Athletic Training Education Program for a minimum of two years.
2. demonstrate competence in all athletic training proficiencies.

#### Complementary Courses (recommended but not required)

CHE 101, 102

ESS 204, 318, 326, 421, 424

MAT 220

PHY 101, 102

PSY 303

### Major Acceptance Requirements

Admission to the college does not guarantee Major Acceptance into the Athletic Training Education Program (ATEP). In the fall of the sophomore year (or later for transfer students and students reapplying for Major Acceptance), the candidate must make formal application to the program, which includes the following requirements:

- A minimum cumulative GPA of 2.0
- Students must have a minimum grade of C (2.00) in BIO 205 or 206; ESS 106 and a minimum combined average of C (2.00) in BIO 205, ESS 101, and ESS 106.
- Current certification in first aid and CPR for the professional rescuer
- Completed Hepatitis B Virus inoculation series or signed declination
- Signed Technical Standards for Athletic Training Education Program Admission form (available for review on the program Web site or from the program director)
- A signed Oath of Confidentiality form

### Major Acceptance Requirements—Athletic Training (continued)

- Completion of 80 hours of supervised athletic training observation
- Submission of an Athletic Training Observation Log documenting learning experiences
- Successful completion of a skills test in applying elementary athletic taping/wrapping procedures
- Completed Application for Major Acceptance form
- A personal statement explaining why the student wants to be admitted to the Athletic Training Education Program
- Participation in a personal interview with members of the clinical instruction staff

The application deadline for the ATEP is the Colby-Sawyer Major Acceptance application deadline during the fall of the student's sophomore year. This date is published in this curriculum guide and on the college Web site.

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

Students who have further questions should contact the ATEP Director or the Exercise and Sport Sciences Department chair.

Acceptance in the athletic training major is a prerequisite for all ESS 300- and 400-level courses and internships unless permission is granted by the department or suggested registration identified in this curriculum guide.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BIO 205
BIO 106	ESS 100
ESS 101	ESS 105
PTH 101	ESS 106
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
ESS 323	BIO 206
ESS 108	ESS 216
ESS 215	ESS 231
Liberal Education Course	ESS 234
Liberal Education Course	PSY 101
	PTH 201
<b>Junior Year</b>	
ESS 307	ESS 316
ESS 324	ESS 311
ESS 330	ESS 331
ESS 333	ESS 334
MAT 123 or higher	SCI 201
Elective	Liberal Education Course
	Elective
<b>Senior Year</b>	
ESS 410	ESS 432
ESS 431	ESS 434
ESS 433	ESS 452
ESS 443	Liberal Education Course
ESS 451	Elective

**Total credits: 120 minimum**

### Transfer Policy for Athletic Training Education Major

Given the specific nature of an education for the health professions, transfer students with prior athletic training education are evaluated on an individual basis. In direct consultation, the student and the Athletic Training Education Program (ATEP) director develop a plan of study that builds on previous learning, addresses necessary content and skill requirements, and ensures the student's complete incorporation into the program at the college. Transfer students are required to provide the ATEP director with course descriptions and appropriately dated syllabi for all athletic training major courses for which they seek transfer credit by October 15 if enrolling in the spring semester and by March 1 if enrolling in the fall semester. Transfer students are held to all Major Acceptance requirements and go through the

process at the end of the semester in which they complete these requirements. As also is the case with students who begin their education at Colby-Sawyer College, admission to the college does not guarantee Major Acceptance in the Athletic Training Program. Students must be enrolled in Colby-Sawyer's Athletic Training Program for a minimum of two calendar years prior to graduation to graduate from the athletic training major.

### Bachelor of Science: Exercise Science

The Exercise Science Major emphasizes the scientific approach to wellness. Courses in the major are designed to meet the recommended standards of the American College of Sports Medicine in preparing students to become a health fitness specialist. Graduates are prepared to work in community, commercial, and clinical exercise science settings. The curriculum also is structured to prepare students to pursue graduate studies in exercise science or allied health fields.

#### Major Requirements—Exercise Science

Liberal Education Program requirements

Competency Requirement: ESS 105 (American Red Cross CPR/AED for the Professional Rescuer and Standard First Aid or American Heart Association CPR/AED for the Healthcare Provider and Standard First Aid. Other certifying organizations must be approved by the ESS department. First aid and CPR certification must be kept current.)

Foundation requirements: ESS 100, 101, 451, 452

Students must have a minimum cumulative GPA of C (2.00) in all required courses in the major to graduate.

BIO 106, 205, 206

CHE 101, 102

SCI 201

MAT 123 or higher

PSY 303

ESS 204, 205, 285, 313, 324, 326, 421, 424, 485

ESS/ES electives. Choose two courses from the following:

ESS 350, 450 (Only one special topics course that is specially designated as an ESS/ES elective may fulfill this elective requirement.)

ESS 309, 310, 315, 318, 323, 419, 443

#### Complementary Courses (recommended but not required)

PHY 101, 102

MAT 220, 221

BIO 207

PSY 101

ESS 203, 395 or 495, 426, 486

#### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in ESS 101; ESS 204 or 205; BIO 205 or 206
- A Major Acceptance essay. See the ESS department chair or academic advisor for details.

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

#### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BIO 106
CHE 101	CHE 102
ESS 101	ESS 105
Liberal Education Course	ESS 100
PTH 101	Liberal Education Course
<b>Sophomore Year</b>	
BIO 205	BIO 206
MAT 123 or higher	SCI 201
ESS 205	ESS 204
Liberal Education Course	PTH 201
Liberal Education Course	Liberal Education Course
<b>Junior Year</b>	
PSY 303	ESS 285A
ESS 324	ESS 326
Liberal Education Course	ESS 421
ESS/ES Elective	Elective
Elective	Liberal Education Course
	ESS 485A Summer Internship
<b>Senior Year</b>	
ESS 313	ESS 424
ESS 451	ESS 452
Liberal Education Course	ESS 485A or Elective
ESS/ES Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

### Bachelor of Science: Sport Management

The Sport Management major is designed to integrate knowledge of sport and business with practical experience. The curriculum is guided by the standards of the National Association for Sport and Physical Education and the North American Society for Sport Management. Students are prepared to enter careers in the sport industry as well as to pursue graduate studies in related fields.



**Major Requirements—Sport Management**

Liberal Education Program requirements

Competency Requirement: ESS 105 (American Red Cross CPR/AED for the Professional Rescuer and Standard First Aid or American Heart Association CPR/AED for the Healthcare Provider and Standard First Aid. Other certifying organizations must be approved by the ESS department. First aid and CPR certification must be kept current.)

Foundation requirements: ESS 100, 101, 451, 452

Students must have a minimum cumulative GPA of C (2.00) in all required courses in the major to graduate.

BUS 115, 216, 231, 302

ECO 101

SOC 303

ESS 104, 203, 214, 285, 312, 317, 348, 426, 428, 485

ESS/SM elective. Choose one course from the following:

ESS 309, 322; PSY 303

**Complementary Courses** (recommended but not required)

BUS 224, 312, 316, 325, 403, 406, 407, 411

COM 101, 303

ECO 102

ESS 328, 395 or 495

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in ESS 101, 104; BUS 115 or 231
- A Major Acceptance essay. See ESS department chair or academic advisor for details

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

**Note:** Students majoring in Sport Management and minoring in Business Administration must complete BUS 115, 215, 216, 231, 302, 316 and 2 additional BUS 200, 300, or 400-level courses.

**Suggested Registration**

*Fall*

*Spring*

**First Year**

WRT 105

BUS 115 or Math

ESS 101

Liberal Education Course

BUS 115 or Math

ESS 104

PTH 101

Liberal Education Course

Liberal Education Course

Liberal Education Course

**Sophomore Year**

BUS 231

BUS 216

ECO 101

ESS 100

ESS 214

PTH 201

ESS 105

Liberal Education Course

ESS 203

Elective

Liberal Education Course

**Junior Year**

BUS 302 or Elective

ESS 312

ESS 285B

ESS 348

ESS 317

SOC 303

ESS/SM Elective

Liberal Education Course

Liberal Education Course

Liberal Education Course

ESS 485B Summer Internship

**Senior Year**

BUS 302 or Elective

ESS 428

ESS 426

ESS 452

ESS 451

Elective

Elective

Elective or ESS 485B

Elective

Elective

**Total credits: 120 minimum**

**Coaching Certificate Program**

The Coaching Certificate Program systematically educates students who are interested in pursuing careers in coaching as well as students who plan to coach athletics on a part time basis. Students are introduced to the core knowledge and experiential components of sport coaching. The certificate is a formal acknowledgement of training in coaching that is recognized by most states in the U.S. and all states in New England. The Coaching Certificate provides a coaching specific education for students at Colby-Sawyer College who are pursuing associate or bachelor degrees. Granting of the coaching certificate will only occur upon the completion of the following curriculum and the award of an associate or bachelor degree.

**Requirements:** Total credits 11–12

ESS 100

ESS 105

ESS 206 or ESS 324 (Students will receive credit for only one course)

ESS 328

**Complementary Courses** (not required)

BIO 205, BIO 206

ESS 204, ESS 318, ESS 326, ESS 402

PSY 303

SCI 201

## Exercise and Sport Sciences Course Offerings

### **ESS 100 Personal Health and Wellness** 3 credits

This course is an introduction to concepts and applications of lifetime personal health and wellness. Topics covered include components of fitness, cardiovascular disease and risk factors, nutrition, weight management, relaxation and massage techniques, sexually transmitted diseases, ergogenic aids and substance abuse. The course includes practical applications of certain topics through activities such as fitness testing, circuit training, weight training and aerobic training. Offered fall and spring.

Exploration Area: Wellness

### **ESS 101 Introduction to Exercise and Sport Sciences** 3 credits

This course offers an overview of the discipline of exercise and sport sciences with regard to related professions. Course content includes explorations of the historical and philosophical foundations of exercise and sport sciences. Attention is given to assisting students in selecting academic and career directions in exercise and sport sciences that are compatible with individual goals, interests and capabilities. Offered fall.

### **ESS 104 The Sport Industry** 3 credits

This course introduces topics such as governance; the mass media; players' and coaches' associations; labor relations; regulatory agencies; interscholastic, intercollegiate, and professional sport; sponsorship; sport travel; agents; and sporting goods. Students explore these topics to make links among the sport industry segments, delineate concepts and larger issues within each, and draw conclusions related to overarching policy implications. The course focuses on the United States but also draws from international case examples and authors. Offered spring.

### **ESS 105 First Aid and CPR** 1 credit

This course is designed to prepare students with basic knowledge and skills in first aid and CPR for the professional rescuer. Additionally, components of the emergency medical service system are discussed. Offered fall and spring.

### **ESS 106 Prevention and Care of Athletic Injuries** 4 credits

This course introduces the student to the profession of athletic training. Particular emphasis is placed on the prevention of injuries to the physically active individual. Topics include conditioning, protective equipment, preparticipation screening, and environmental risk factors. Advanced topics of emergency care also are covered. The student becomes familiar with common medical and human anatomical terminology and injury mechanisms. Offered spring.

### **ESS 108 Taping Techniques in Athletic Training** 1 credit

This is a laboratory course designed to prepare the student for work in an athletic training environment. The course focuses on specific taping techniques and includes instruction and practical experience. Graded Pass/Fail. Offered fall.

*Prerequisite:* ESS 106

### **ESS 203 Philosophy and Ethics of Sport** 3 credits

Students explore the central topics in the philosophy of sport, and moral and ethical issues related to sport. The development of a personal philosophy and an understanding of social responsibility in the sport management setting are specific goals of the course. Topics covered involve professional ethics, foundations of philosophy, rights and responsibilities, concepts of morality, developing a personal philosophy regarding social responsibility, theories of ethics, establishing a professional code of ethics, and personal and management values. Offered fall.

### **ESS 204 Motor Development** 3 credits

This course is designed to introduce students to the changes in motor behavior and skill performance across the lifespan. The lifespan approach is used because of the increased recognition of the importance of physical activity for all ages. In order to understand this approach, factors related to physical growth and maturation are explored. Offered spring.

### **ESS 205 Principles and Concepts of Exercise for Health and Wellness** 3 credits

Students explore various concepts related to the exercise science field. Specific focus is on health and performance related fitness. The course provides the foundation and the resources students need to create personalized fitness programs, including exercise guidelines, self-assessments and lab activities. Additional topics as they relate to exercise are nutrition and disease processes. Offered fall and spring.

### **ESS 206 Sport Science Applied to Coaching** 3 credits

The focus of this course is the basic science of exercise physiology and athletic performance as it applies to coaching. Topics include how the body responds to exercise, how to train the body to maximize health and athletic performance, basic movement and mechanical principles, risks associated with exercise, injury prevention strategies, and the influence of nutrition on exercise and athletic performance. Students may not receive credit for both this course and ESS 324. Offered Spring of odd-numbered years.

*Prerequisite:* ESS 100

### **ESS 208 Global Sport** 3 credits

Students will explore the political, socio economical, historical, cultural, ethnic, gender and racial perspectives of international sport. The course will encompass the identification and study of popular amateur and professional international sport. In addition, there will be a focus on the framework of sport from newly introduced grassroots sport to recognized international sport organizations and governing agencies. Offered fall.

Exploration Area: Global Perspectives

**ESS 214 Facility Planning and Management****3 credits**

The primary focus of this course is the many aspects of facility and event management: services and programs, day-to-day operations, legal and safety issues, fiscal management, facility trends and volunteer coordination. A secondary focus of this course includes the planning for and design of an athletic facility, and the planning, organization, budgeting, and promotion of an actual sporting event. Offered fall.

**ESS 215 Athletic Training Assessment I****4 credits**

This course includes an in-depth inquiry into the anatomical and physiological processes associated with the occurrence of injuries to athletes and physically active individuals. Students learn to perform and interpret the results of structural and functional tests in order to accurately evaluate and determine the extent of injury. Topics include general assessment procedures as well as procedures for the evaluation of posture, gait and the lower extremity. Offered fall.

*Prerequisites:* BIO 205, ESS 106

**ESS 216 Athletic Training Assessment II****4 credits**

This course includes an in-depth inquiry into the anatomical and physiological processes associated with the occurrence of injuries to athletes and physically active individuals. Students learn to perform and interpret the results of structural and functional tests in order to accurately evaluate and determine the extent of injury. Topics include procedures for the evaluation of the spine, abdomen and thorax, head, face and upper extremity. Offered spring.

*Prerequisites:* ESS 215

**ESS 231 Athletic Training Practicum I****1 credit**

This course is a structured clinical experience in the prevention and care of injury under the guidance of a certified athletic trainer. It requires the demonstration of proficiency in applying a defined set of clinical athletic training skills. Graded Pass/Fail. Offered spring.

*Prerequisite:* ESS 106

**ESS 234 Field Experience in Athletic Training I****1 credit**

This course is a structured clinical course in which students rotate through supervised observation experiences in a variety of athletic training and health care settings under the guidance of an approved clinical instructor. Personal reflection on the experience is a critical component of the course. Graded Pass/Fail. Offered spring.

*Prerequisites:* ESS 106, 215

**ESS 250, 350, 450 Topics in Exercise and Sport Sciences****1–3 credits**

These courses offer students an avenue for exploration of specific current and relevant issues in the field. No particular topic is offered on a regular basis. Instead, topics are selected on the basis of current students' needs and interests. Every attempt is made to offer topics that have cross-disciplinary appeal. The topics are announced before registration. Offered fall and spring.

**ESS 285 Internship in Exercise and Sport Sciences****0–4 credits**

This 120-hour-minimum experience in exercise and sport sciences is organized to allow for student participation in programs relevant to the student's major and professional interests. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Major Acceptance, preinternship seminar, current first aid and CPR certification, permission of the faculty sponsor and department chair

**ESS 295, 395, 495 Independent Study****1–4 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ESS 307 Therapeutic Modalities****3 credits**

This course focuses on the theory, principles and physiological effects of therapeutic modalities used in the treatment of injuries to physically active people. The indications, contraindications, and operational protocols for the following are addressed: electrical stimulating currents, infrared modalities, ultrasound, shortwave and microwave diathermy, ultraviolet therapy, low-power lasers, tractions, intermittent compression devices, and therapeutic massage. Laboratory experiences are used to supplement classroom instruction. Offered fall.

*Prerequisites:* ESS 216

**ESS/WST 309 Gender and Sport****3 credits**

This course examines gender issues in sport. Topics to be covered include political, economical, historical, psychological, and physiological perspectives, as well as sociological constructs concerning gender issues. This course may be used to satisfy a 300-level course requirement for the Women's Studies minor. Offered fall of odd-numbered years.

*Prerequisite:* ESS 101 or Social Sciences Exploration Area course

**ESS 310 Exercise Management for Individuals with Chronic Diseases****3 credits**

This course focuses on guidelines for developing exercise programs for people with special health considerations. For each condition, the pathophysiology, effects of training, exercise programming, management, and medications are discussed. Topics covered include cardiovascular and pulmonary diseases, metabolic diseases, immunological/hematological disorders, orthopedic diseases and disorders, and neuromuscular disorders. Offered spring of odd-numbered years.

*Prerequisite:* ESS 324

**ESS 311 Clinical Interventions in Health Psychology** 1 credit

This course prepares the student to address unhealthy sociocultural, mental, emotional and physical behaviors of the physically active population. Emphasis is placed on recognition, intervention and appropriate referral. Offered spring.

*Prerequisite:* ESS 231

**ESS 312 Athletics Administration** 3 credits

This course prepares students to organize and administer a program of intramural sports, club sports, and interscholastic and intercollegiate sports at the public school and college level. Consideration is given to both the challenges and standards associated with such programs. Offered spring.

*Prerequisite:* BUS 115

**ESS 313 Fitness Management** 3 credits

This course involves an examination of the business principles and administrative responsibilities related to managing fitness programs and facilities. Topics include leadership, scheduling, personnel management, program evaluation, equipment purchasing, market analysis, facility management and budget issues. Offered fall of even-numbered years.

*Prerequisite:* ESS 205

**ESS 315 Leading Group Exercise** 2 credits

This course is designed to prepare students in leading group exercise programs. Various principles, concepts and guidelines related to group exercise programs are examined through practical application and classroom activities. Students explore several types of group exercises, including conditioning, aqua aerobics, yoga, spinning and step aerobics. Offered fall of even-numbered years.

*Prerequisite:* ESS 205

**ESS 316 Therapeutic Rehabilitation** 3 credits

This course focuses on the theory and operation of various contemporary methods of therapeutic exercise in rehabilitation of injuries to physically active individuals. Students are introduced to manual as well as mechanical testing and other primary components of comprehensive rehabilitation design and implementation, including determining therapeutic goals, progress, and ability to return to athletic participation. Laboratory experiences are used to supplement classroom instruction. Offered spring.

*Prerequisite:* ESS 216

**ESS 317 Leadership and Governance in Sport** 3 credits

This course focuses on the various skills, roles and functions of sport managers. Students are able to describe the elements of leadership theory and practices as they relate to various managerial responsibilities. Specifically, the course concentrates on incorporating various concepts, such as the strategic planning process, organizational behavior, structure and staffing, motivation theories, personal management

style and philosophy, time management skills, human resource management, theories of leadership, and management theory. Offered fall.

*Prerequisite:* ESS 104

**ESS 318 Strength and Conditioning** 3 credits

This course focuses on the development of appropriate strength and conditioning programs for optimizing sport performance and the physiological responses of the body to those programs. The principles and guidelines for appropriate testing techniques are addressed as well as the design of sport-specific training programs. Offered spring of even-numbered years.

*Prerequisite:* ESS 324

**ESS/HIS 322 History of Sport** 3 credits

This course examines the development of sport as an integral part of American life from the Colonial period to the late 20th century. In particular, special attention is given to identifying sport practices in the context of changing work/leisure patterns and other economic, social, and cultural movements. Offered fall of even-numbered years.

*Prerequisite:* History Exploration Area course

**ESS 323 Structural Kinesiology** 3 credits

This course introduces students to the facts, concepts, and principles related to the study of human motion. The focus of the course is on the influence of anatomical structures. The specific focus is on the skeletal, neural, and muscular systems. This course has both lecture and laboratory requirements. Offered fall.

*Prerequisite:* BIO 205

**ESS 324 Exercise Physiology** 4 credits

This course concentrates on physiological adaptations made by the human organism to the stress of exercise. Acute and chronic adaptations are reviewed. Some of the topics covered include the effects of exercise on the cardiovascular and pulmonary systems, the nutritional basis for human performance, physical training techniques, ergogenic aids, environmental factors, exercise, and energy for physical activity. A required laboratory involving scientific instrumentation supplements lecture materials. Offered fall.

*Prerequisites:* BIO 205 and 206; or BIO 108

**ESS 326 Biomechanics** 3 credits

This course introduces students to the facts, concepts and principles related to the study of human motion. The focus of the course is the influence of mechanical principles on movement. The analysis of human movement is approached from qualitative and quantitative perspectives. Laboratory experiences supplement classroom instruction. Offered spring.

*Prerequisites:* BIO 205, MAT 123

**ESS 328 Theory of Coaching****4 credits**

This course is an overview of current theory and practice in coaching education. Topics include sport pedagogy, physiology, psychology, administration, and risk management. This course addresses issues common across all levels of performance and competition as well as issues specific to child, youth, and collegiate coaching. Principles of coaching will be applied in a laboratory setting. Offered spring of even-numbered years.

*Prerequisite:* ESS 100

**ESS 330 Athletic Training Practicum II****1 credit**

This course is a structured clinical experience in posture and gait analysis and assessment procedures for the lower extremity, under the guidance of a certified athletic trainer. It requires the demonstration of proficiency in applying a defined set of clinical athletic training skills. Graded Pass/Fail. Offered fall.

*Prerequisite:* ESS 215

**ESS 331 Athletic Training Practicum III****1 credit**

This course is a structured clinical experience in assessment procedures for the spine, trunk, head, and upper extremity, under the guidance of a certified athletic trainer. It requires the demonstration of proficiency in applying a defined set of clinical athletic training skills. Graded Pass/Fail. Offered spring.

*Prerequisites:* ESS 216

**ESS 333 Field Experience in Athletic Training II****2 credits**

This is a clinical course in which students apply previously acquired athletic training skills under the guidance of a certified athletic trainer in a real practice setting. This may include those skills up to and including the prevention and care of athletic injuries and athletic training assessment of the upper extremity. Personal reflection on the experience is a critical component. Graded Pass/Fail. Offered fall.

*Prerequisite:* ESS 234

**ESS 334 Field Experience in Athletic Training III****2 credits**

This is a clinical course in which students apply previously acquired athletic training skills under the guidance of a certified athletic trainer in a real practice setting. This may include those skills up to and including athletic training assessment of the lower extremity. Personal reflection on the experience is a critical component. Graded Pass/Fail. Offered spring.

*Prerequisite:* ESS 234

**ESS 348 Sales and Marketing in Sport****3 credits**

This course extends student understanding of basic marketing principles and applies that understanding to sales and marketing in sport business. Topics include sales and marketing aspects of sport, economic research and feasibility studies, data collection, segmentation, analysis, consumer behavior, public relations, sponsorships, media, promotion, placement, networking and cultivating sales opportunity. Offered spring.

*Prerequisite:* BUS 231

**ESS 402 Leadership and Motivation****3 credits**

This course prepares students for competent and effective leadership as professionals in the field of exercise and sport sciences. Topics include an overview of different theories and models of leadership and motivation as well as strategies for successful communication, group dynamics, problem solving and decision making. Offered fall.

*Prerequisite:* ESS 317 or ESS 324

**ESS 410 Athletic Health Care Administration****2 credits**

This course addresses the organizational and administrative aspects of athletic health care management for various employment settings. Content of this course includes human resource management, financial resource management, facility design and planning, information management, legal and ethical considerations, professional development, and promotion of athletic training. Offered fall.

*Prerequisite:* ESS 106

**ESS 419 Rapid Interpretation of EKGs****3 credits**

This course focuses both on the interpretation of normal and abnormal EKGs and on the pathological basis of abnormal EKGs. Arrhythmias, heart blocks, hypertrophies and axis deviation are examples of topics covered. Offered spring of even-numbered years.

*Prerequisite:* ESS 324

**ESS 421 Exercise Prescription****4 credits**

The major thrust of this course centers on the development of skills and knowledge related to exercise testing, prescription, measurement and evaluation. Topics include medical/health screening, exercise test administration and evaluation, metabolic calculations, exercise program development, and medications specific to cardiac patients. This course closely follows the *Resource Manual Guidelines for Exercise and Testing Prescription* published by the American College of Sports Medicine. Offered spring.

*Prerequisite:* ESS 324

**ESS 424 Advanced Exercise Physiology****3 credits**

This course builds on the principles learned in ESS 421. Topics covered include biochemical principles, all of which are applied to exercise physiology; exercise test interpretation in the general athletic and diseased populations; protocols for exercise testing, and evaluating cardiovascular and pulmonary responses to exercise; skeletal muscle adaptations to exercise; and many other current topics in exercise physiology. Offered spring.

*Prerequisite:* ESS 324

**ESS 426 Sport Law****3 credits**

This course examines the legal aspects of sport (i.e., coaching; administering fitness; instructional, recreational, and athletic programs; sport marketing). Areas of study include, but are not limited to, constitutions; legislative enactments; case law related to administrative, constitutional, contract, labor, product liability and tort law; and risk-management techniques. Offered fall.

*Prerequisite:* ESS 312

**ESS 428 Senior Sport Management Seminar****3 credits**

This course brings together all aspects of sport management, building on the foundation and specialized course prerequisites in the Exercise and Sport Sciences and Business Administration programs. Course content includes organizing, motivating, planning, staffing and supervising. Emphasis is on the practical application of the sport management knowledge base. Offered spring.

*Prerequisites:* ESS 248, 314, 317

**ESS 431 Athletic Training Practicum IV****1 credit**

This course is a structured clinical experience in the application of therapeutic modalities and exercise techniques, under the guidance of a certified athletic trainer. It requires the demonstration of proficiency in applying a defined set of clinical athletic training skills. Graded Pass/Fail. Offered fall.

*Prerequisites:* ESS 307 and ESS 316

**ESS 432 Athletic Training Practicum V****1 credit**

This course is a structured clinical experience in the application of general medical assessment, the nutritional aspects of injury prevention and recovery and the psychosocial aspects of injury, under the guidance of a certified athletic trainer. It requires the demonstration of proficiency in applying a defined set of clinical athletic training skills. Graded Pass/Fail. Offered spring.

*Prerequisites:* ESS 311, ESS 440, and SCI 201

**ESS 433 Field Experience in Athletic Training IV****2 credits**

This is a clinical course in which students apply previously acquired athletic training skills under the guidance of a certified athletic trainer in a real practice setting. This may include those skills up to and including the safe and proper use of various therapeutic modalities. Personal reflection on the experience is a critical component. Graded Pass/Fail. Offered fall.

*Prerequisite:* ESS 333

**ESS 434 Field Experience in Athletic Training V****2 credits**

This is a clinical course in which students apply previously acquired athletic training skills under the guidance of a certified athletic trainer in a real practice setting. This may include those skills up to and including the implementation of therapeutic exercise in the rehabilitation process. Personal reflection on the experience is a critical component. Graded Pass/Fail. Offered spring.

*Prerequisite:* ESS 333

**ESS 443 Clinical Pathology and Concepts in Pharmacology****4 credits**

This course is designed to enable students to recognize, evaluate, and differentiate common systemic diseases, along with the general principles of pharmacology as they relate to these diseases. Students study the interdependence of body systems and the conditions that affect human health and well-being. Additional topics include common risk factors associated with these conditions as well as their response to, and impact on, physical activity. Offered fall.

*Prerequisite:* BIO 206

**ESS 451 Research in Exercise and Sport Sciences:****Critical Components (Capstone)****2 credits**

In this first semester of the Capstone students explore, in depth, a topic of their choosing. This exploration involves reviewing and synthesizing the primary literature in the area as well as developing an original area of inquiry and the methods necessary to complete the investigation. Throughout the process, students review, learn, and incorporate basic techniques and procedures associated with the research process. Offered fall.

*Prerequisite:* ESS 312 or ESS 324

**ESS 452 Research in Exercise and Sport Sciences:****Assessment and Analysis (Capstone)****2 credits**

In this course students complete the investigation of the topic they designed in ESS 451 and present the results and analysis of their findings. Emphasis is placed on the analysis of various types of data and information as well as the interpretation of the findings. Offered spring.

*Prerequisite:* ESS 451

**ESS 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**ESS 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**ESS 485 Internship in Exercise and Sport Sciences****0–12 credits**

This 240-hour-minimum-experience in exercise and sport sciences is organized to allow for student participation in programs relevant to the student's major and interests. This final required internship experience serves as a opportunity to apply and more fully develop those professional competencies necessary for a successful work experience. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Major acceptance, junior status, preinternship seminar, current first aid and CPR certification, ESS 285, permission of the faculty sponsor and department chair

## Government

### **GOV 100 Comparative Government and Geography** 3 credits

This course examines political and geographic ways of understanding how people interact with their physical surroundings and with each other. Topics include the development of political ideologies; the nature of democracy and its challenges in the modern world; the relationship of geography and government, and structure and interactions of nation-states; the geopolitics of the modern world; and the political implications of environmental issues. Offered fall and spring.

Exploration Area: Global Perspectives

### **GOV 202 The American Presidency** 3 credits

This course analyzes the role and powers of the American president. Changes that have taken place since the framing of the Constitution, and reasons for those changes, are examined. Students also examine the effectiveness of the current institution of the presidency.

*Prerequisite:* One GOV course

### **GOV 250, 350 Topics in Government and Politics** 3 credits

Topic courses are a series of area studies focusing on regions throughout the world. They are intended to introduce students to the history and the contemporary politics of selected countries in those regions.

### **GOV 295, 395, 495 Independent Study** 3 credits

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the course number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

### **GOV 301 The United States Constitution** 3 credits

This course is a study of the U.S. Constitution, its philosophical background, the articles that provide the framework for our system of government, and the changes that have occurred as a result of amendments. Special emphasis is given to various interpretations of the Constitution by the judicial branch as well as current constitutional crises.

*Prerequisite:* One GOV course or permission of the instructor

### **GOV 303 Dissolution of the Soviet Empire** 3 credits

The purpose of this course is to acquaint students with the causes and results of the dissolution of the Soviet Union in 1991. Attention is directed toward geography, history, political philosophy, government structure, and many other factors involved in the breakup. Special consideration is given to current problems facing the Russian Federation and the successor states and the impact of those problems on the international community.

*Prerequisite:* Sophomore standing or above

### **GOV 304 The Far East in Modern Times** 3 credits

This course examines the governments of China and Japan since they were opened up to the West in the middle of the 19th century. Special emphasis is placed on the clash between traditional cultures and modernization. Topics include the collapse of the Ch'ing Dynasty in China up to the communist revolution of Mao Tse-tung and beyond, as well as the opening up of Japan by Commodore Perry, the Meiji period, the Tojo regime, World War II and modern Japan.

*Prerequisite:* Sophomore standing or above

### **GOV/ENV 306 Introduction to Environmental Law and Policy** 3 credits

In this course students learn the history and application as well as interpretation of environmental policy and law. Several of the most important federal environmental laws and Acts are studied and a number of international agreements such as the Montreal and Kyoto protocols. Current environmental challenges are explored especially with respect to how they might be addressed using law and policy. Offered fall even numbered years.

*Prerequisite:* Sophomore standing or above

## Health Care Management

### **Bachelor of Science: Health Care Management**

This major provides a solid foundation in the liberal arts and offers an understanding of health care organization operations, financing and delivery of health care services. This major integrates classroom, research, and field experiences to provide students with the necessary disciplinary knowledge and practical skills to manage the sustainable delivery of high quality clinical health care. This major prepares students for entry-level positions in health care and the knowledge and skills necessary for administrative positions in nursing homes, hospitals, rehabilitation facilities, managed care and other organizations providing health services in American society. The major also prepares graduates for more specialized study at the graduate level.

**Major Requirements—Health Care Management**

Liberal Education Program requirements

**Core courses:**

BIO 108 (or BIO 205 and 206)  
 HEA 100, 485, 486, 487  
 ESS 100  
 MAT 220  
 PSY 101  
 SOC 101, 307

**Required Areas of Study:**

BUS 115, 215, 216, 217, 316  
 Health Studies Seminar (2 semesters)  
 HEA 340, 341, 402

**Health Care Management Electives:** Choose 5 of the following courses, 4 courses must be at the 300-400-level for a minimum total of 15 credits

BUS 231, 302, 324, 331, 403, 412  
 HEA 330  
 SOC 304

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in Core Courses: BIO 108 or 205; HEA 100; ESS 100; MAT 220; PSY 101 or SOC 101

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BIO 108
HEA 100	ESS 100
PSY 101	SOC 101
PTH 101	BUS 115
Liberal Education Course	Liberal Education Course
HEA 105 recommended	Health Studies Seminar recommended
<b>Sophomore Year</b>	
BUS 215	PTH 201
BUS 217	BUS 216
MAT 220	Liberal Education Course
Liberal Education Course	Major Elective
Major Elective	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Junior Year**

SOC 307	BUS 316
HEA 341	HEA 340
Major Elective	Major Elective
Major Elective	Elective
Liberal Education Course	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Senior Year**

HEA 402	HEA 487
HEA 485	Elective
HEA 486	Elective
Elective	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Total credits: 120 minimum****Health Studies****Bachelor of Science: Health Studies**

The Health Studies Majors are interdisciplinary and prepare graduates for careers in the health care field, as well as graduate programs in the health professions. These interdisciplinary programs are constructed with a strong foundation in liberal arts and grounded in a core set of courses that are broadly applicable to studies of health issues and health care systems. The programs are offered in collaboration with several departments including: Business Administration, Exercise and Sport Sciences, Natural Sciences, Nursing, and Social Science and Education.

**Health Promotion and Wellness Program**

The Health Promotion and Wellness program focuses on the acquisition of knowledge and skill necessary to perform compassionately and effectively as educators for health and wellness, whether working with individuals, schools, communities or policy makers. The practical application of strategies that can assist individuals in societies in adopting and maintaining healthy actions is highlighted throughout the program. The program integrates classroom, laboratory, research, and extensive field experience to provide the student with the disciplinary knowledge and practical skills necessary to assume a role in health promotion and wellness for public, community, healthcare and worksite settings.



**Major Requirements—Health Promotion and Wellness Program**

Liberal Education Program requirements

**Core courses:**

BIO 108 (or BIO 205 and 206)  
 HEA 100, 485, 486, 487  
 ESS 100  
 MAT 220  
 PSY 101  
 SOC 101, 307

**Required Areas of Study:**

Health Studies Seminar (2 credits), HEA 220, 301, 320, 420  
 ESS 205  
 PHI 305  
 PSY 214, 316  
 SCI 201

**Health Promotion and Wellness Program Electives:** Choose 5 of the following courses, 4 courses must be at the 300-400-level for a minimum total of 15 credits

ESS 309, 311, 421  
 HEA 330, 402  
 PSY 227, 240, 310, 318, 320, 369; PSY/CHI 320  
 REL 206  
 SOC 304

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in: BIO 108 or 205; HEA 100; ESS 100; MAT 220; PSY 101 or SOC 101

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BIO 108
HEA 100	ESS 100
PSY 101	SOC 101
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
HEA 105 recommended	Health Studies Seminar recommended

**Sophomore Year**

HEA 220	PTH 201
MAT 220	PSY 214
SCI 201	Major Elective
ESS 205	Major Elective
Liberal Education Course	Liberal Education Course
Health Studies Seminar recommended	Health Studies Seminar recommended

**Junior Year**

SOC 307	PSY 316
HEA 320	HEA 301
PHI 305	Major Elective
Major Elective	Major Elective
Major Elective	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Senior Year**

HEA 485	HEA 487
HEA 486	Elective
HEA 420	Elective
Elective	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Total credits: 120 minimum****Public Health Program**

The Public Health program works within the framework of health studies and focuses on the study of public health as a cross-cutting, interdisciplinary specialty area within the health care system. Population health, health disparities, vulnerable populations and other current public health concerns are covered extensively. This course of study integrates classroom, laboratory, internship and research experiences that provide students with the necessary disciplinary knowledge and practical skills to practice within the public health system and/or pursue graduate education in public health.

**Major Requirements—Public Health**

Liberal Education Program requirements

**Core courses:**

BIO 108 (or BIO 205 and 206)  
 HEA 100, 485, 486, 487  
 ESS 100  
 MAT 220  
 PSY 101  
 SOC 101, SOC 307

*Requirements, continued next page*

**Major Requirements—Public Health** *continued***Required Areas of Study:**

Health Studies Seminar (2 semesters), HEA 230, HEA 301, 330, 332, 431  
 PHI 305  
 PSY 316

**Public Health Electives:** Choose 5 of the following courses, 4 courses must be at the 300-400-level for a minimum total of 15 credits

BUS 321, 327  
 ENV 305, 306, 321  
 GOV 306  
 HEA 320, 402  
 PSY 240, 369; PSY/CHI 320  
 SCI 201  
 SOC 304, 305, 313

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in: BIO 108 or 205; HEA 100; ESS 100; MAT 220; PSY 101 or SOC 101

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	BIO 108
HEA 100	ESS 100
PSY 101	SOC 101
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
HEA 105 recommended	Health Studies Seminar recommended
<b>Sophomore Year</b>	
HEA 230	PTH 201
MAT 220	HEA 301
Major Elective	Major Elective
Liberal Education Course	Elective
Liberal Education Course	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended
<b>Junior Year</b>	
SOC 307	PSY 316
HEA 330	HEA 332
PHI 305	Major Elective
Major Elective	Elective
Elective	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Senior Year**

HEA 485	HEA 487
HEA 486	HEA 431
Major Elective	Elective
Elective	Elective
Health Studies Seminar recommended	Health Studies Seminar recommended

**Total credits: 120 minimum**

**Health Studies Minor**

Students choosing to complete a minor in Health Studies must complete a minimum of 19 credits with at least 6 credits at the 300-400 level.

**Requirements**

HEA 100; HEA 220 or 230  
 BIO 108; or BIO 205 and 206  
 PSY 240 or ESS 204 or SOC 307

Any two 300-400 level elective courses chosen from:

HEA 301, 320, 330, 332, 340, 341, 402, 420, 431; PHI 305; PSY 316; SOC 307

**Health Studies Course Offerings****HEA 100 Introduction to Health Care Systems****3 credits**

This course will provide the student with an overview and analysis of American health care delivery system. Cultural, political, economic and environmental factors that affect health care delivery will be explored from a variety of perspectives. Specific internal and external forces influencing health care delivery will be discussed. Examination of structure, organization, function and roles will provide the student with an introduction to the complexity and unique elements of the health care system. Offered fall.

**HEA 105 The Vocabulary of Health****1 credit**

This course introduces students to the vocabulary, taxonomy and terminology related to body systems necessary to communicate information in the specialized environment of healthcare. Students learn the derivations and practice the principles of medical word formation, including the basic guidelines of accepted naming conventions, identifying suffixes and prefixes, and combining forms related to the structures and functions of the associated systems of the body. Graded Pass/Fail. Offered fall.

**HEA 109, 111, 113, 115 Health Studies Seminar****1 credit**

The Health Studies interdisciplinary departments cooperate to provide a program of speakers that focus on topics in the health care fields. Seminars are open to the public. Students receive one credit for attendance at 80 percent of the semester's talks and produce several short writing assignments. Graded Pass/Fail. Offered fall.

**HEA 110, 112, 114, 116 Health Studies Seminar****1 credit**

The Health Studies interdisciplinary departments cooperate to provide a program of speakers that focus on topics in the health care fields. Seminars are open to the public. Students receive one credit for attendance at 80 percent of the semester's talks and produce several short writing assignments. Graded Pass/Fail. Offered spring.

**HEA 220 Concepts of Health Promotion****3 credits**

Health Promotion is a dynamic field of study as the health issues facing society continue to expand. This course will focus on the basic concepts of health promotion. The process for delivering health promotion programs and the intended products of those interventions will be emphasized. Various behavioral theories and models will be explored. Offered fall.

Exploration Area: Wellness

**HEA 230 Introduction to Public Health****3 credits**

This course introduces the basic principles of public health. The context and scope of public health are covered including history, philosophy, literature, essential services, ethics, and application to current events. Public health is explored from an historical and modern perspective. Some of the topics covered include social justice, health disparities, vulnerable populations, and the role of governments in health care. Offered fall.

**HEA 301 The Mental Health System****3 credits**

This course focuses on the mental health delivery system and how people with mental illness interact with the system. The changing social constructions of mental illness and its evolution over time is explored as well as the related historical and contemporary public policy developments. Offered spring.

*Prerequisite:* HEA 100

**HEA 320 Foundations of Health Education****3 credits**

This course provides health studies students with a fundamental understanding of the education process including learner assessment, educational planning and strategies and evaluation techniques. Students build the foundation for upper division coursework with an understanding of the health education role in the current health care environment. Offered fall.

*Prerequisite:* HEA 100

**HEA 330 Epidemiology****3 credits**

This course is designed to introduce students to the field of epidemiology. Students are presented with the historical role of epidemiology in the understanding of disease causation as well as the role of modern epidemiology in public health and health education. Offered spring.

*Prerequisite:* HEA 100, MAT 220

**HEA 332 Prevention****3 credits**

Prevention of illness and injury is key to improving health care outcomes and controlling health care costs in the world today. This course explores and analyzes the multitude of systems and theories that contribute to prevention of illness and injury. Offered spring.

*Prerequisites:* HEA 100, 230

**HEA 340 Health Care Finance****3 credits**

This course integrates knowledge of the health care industry, accounting, and economics as students study health care payment systems and costs associated with various types of providers. Students explore the role of financial managers in health care settings and the various stakeholders impacted by their financial policy decisions. Students develop skills in working capital management, capital budgeting, financial statement analysis, forecasting funds requirements and productivity measurement, incentives mechanisms and organized labor. Offered spring.

*Prerequisites:* BUS 115, 216, HEA 100

**HEA 341 Concepts of Health Care Management****3 credits**

Building upon learning in the introductory health systems and general management courses this course focuses on the development of management knowledge and skills for application in health care organizations. Management challenges and opportunities unique to health care systems are explored through the use of directed reading, case study, experiential learning and class discussion. Offered fall.

*Prerequisites:* BUS 115, 215; HEA 100

**HEA 402 Health Law****3 credits**

Health Law will examine legal concepts related to individual health care, health care management, and public health systems in the United States. Offered fall.

*Prerequisites:* HEA 100; BUS 115

**HEA 420 Health Promotion Programming****3 credits**

This course focuses on the planning, development, implementation, and evaluation of health promotion programs. An analysis of strategies that may be appropriate to different health promotion settings is explored. Offered fall.

*Prerequisites:* HEA 220, 320

**HEA 431 Global Health Issues****3 credits**

The context and scope of global health are covered including the importance of culture to health, the global burden of disease, and demographic and epidemiologic transitions. The links between health and education, health and equity, poverty, and development are explored. Some of the topics covered include environmental health, human rights, reproductive health, nutritional needs, and infectious diseases. Offered spring.

*Prerequisites:* HEA 100, 230

**HEA 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**HEA 485 Health Studies Internship****0–12 credits**

Students in this course enroll for varied credit in a department-approved internship with an appropriate health-related organization. Methods of evaluation are determined by a faculty sponsor in conjunction with the on-site supervisor. An oral presentation of the internship experience is required. A minimum of 120 hours is required for this internship. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* Health Studies Major Acceptance; Preinternship seminar; permission of faculty sponsor and department chair.

**HEA 486 The Capstone Proposal in Health Studies****1 credit**

In this course students propose, design and carry out a research program in an area of interest in the health studies field. Throughout the semester students work with a member of the college community as their research advisor and meet weekly as a group with the course instructor to discuss research design, methodology, results and progress toward completion of the proposed. Presentation of the research in a public forum is required. Offered fall.

*Prerequisite:* Major acceptance

**HEA 487 Health Studies Senior Research (Capstone) II****2 credits**

In this course students complete the research project initiated in HEA 486. In coordination with their Capstone advisor students are expected to refine their projects from HEA 486 as appropriate, continue to collect data/results, and provide an appropriate treatment or analysis of them. Students give an oral presentation of their project and submit a final paper. Offered spring

*Prerequisite:* HEA 486

## History, Society and Culture

### Bachelor of Arts: History, Society and Culture

History, Society and Culture is an interdisciplinary major that provides students with a broad understanding of social conditions from the perspectives of history, the social sciences and the humanities. It is designed to prepare students interested in pursuing further study in any of its fields as well as students who are interested in careers where knowledge of social conditions is important. The major is supported by the Department of Social Sciences and Education and the Department of Humanities. **Information on pre-law studies is available in the Additional Curricular Opportunities section of the curriculum guide.**

### Major Requirements—History, Society and Culture

Liberal Education Program requirements

GOV 100 and one GOV 200- or 300-level course

HIS 101, 102, 217, 218

HSC 100, 400, 401, 485

Three additional 300- or 400-level history courses; at least one U.S. history:

HIS 307, 309, 310, 322, 323, 330; ESS 322 and one non-U.S. history course:

HIS 317, 319, 321, 324.

SOC 101 and one 300- or 400-level SOC course

Two culture courses from the following: AME 201, 305, 341; ARH 201, 202,

333; COM 203, 341; ENG 216, 224, 229, 247, 248, 249, 324, 331, 333, 339;

PHI 308; PSY 221; REL 234; WST 331

### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in any two of the following courses: HSC 100; HIS 101, 102; GOV 100; SOC 101
- Portfolio review

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	GOV 100
HSC 100	HIS 102
HIS 101	Math Requirement
PTH 101	Liberal Education Course
Elective	Liberal Education Course
<b>Sophomore Year</b>	
HIS 217	HIS 218
SOC 101	PTH 201
Liberal Education Course	Culture Course
Liberal Education Course	Liberal Education Course
Elective	Elective
<b>Junior Year</b>	
HIS 300-level Course	HIS 300-level Course
SOC 300-400 level Course	HIS 300-level Course
Culture Course	GOV 200-300 level Course
Elective	Elective
Elective	Elective

**Suggested Registration** (continued)

<i>Fall</i>	<i>Spring</i>
<b>Senior Year</b>	
HSC 400	HSC 401
HIS 300-level Course	HSC 485
Elective	Elective
Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

**History Minor Requirements**

The minor in history consists of 18 credits of history courses, including six credits chosen from HSC 100, HIS 101, HIS 102, HIS 217, and HIS 218. Six of the remaining 12 credits must be at the 300- and 400-levels. ESS 322: History of Sport may be used to satisfy a minor requirement. Please refer to the minor programs section of the curriculum guide for further information.

## History Course Offerings

### **HIS 101 U.S. History to 1877:**

#### **The Struggle to Create a Nation**

**3 credits**

This course uses the American Civil War as a lens through which to understand the development of the North American continent from the years 1600 to 1877. Students explore the social, economic, political and cultural forces that gave the North and South a common heritage, as well as divergences that brought them to war. Themes in the course include the origin and development of slavery; free-labor capitalism and abolition; and the way concepts of liberty and slavery influenced the development of the Declaration of Independence, the Constitution, and the subsequent course of race relations in America. Offered fall and spring.

Exploration Area: History

### **HIS 102 U.S. History 1877 to the Present:**

#### **The Quest for Power and Progress**

**3 credits**

Reunited after the Civil War, the United States experienced rapid and profound changes that transformed it into an industrial giant and a world leader. The challenge of translating into reality the promises of the Declaration of Independence and the Constitution continued as problems from the past and new ones generated by industrial growth sparked great reform movements at home and the nation's new global leadership encouraged it to attempt similar efforts throughout the world. This course examines the United States' quest for power and progress at home and abroad. Offered fall and spring.

Exploration Area: History

### **HIS 217 The West and the World I**

**3 credits**

This course examines the development of the West and its interactions with other parts of the world from antiquity into the 17th century. Special attention is given

to issues of political expansion and cultural exchange. Topics include the ancient foundations of Western Civilization, the rise of Christianity and Islam and the formation of a Mediterranean World, and the transformation of European society during the Middle Ages, the Renaissance, and the Reformation. From the crusades to the conquest of the New World, the West can best be understood through a global perspective. Offered fall.

Exploration Area: History

### **HIS 218 The West and the World II**

**3 credits**

This course examines the changing relationship of the West and other parts of the world from the 18th century to the present. Special emphasis is placed on the dramatic political and economic transformations occurring during this period. Topics include the spread of nationalism, the global implications of the industrial revolution and European imperialism, the revolutions in France and Russia, two world wars, and decolonization. From slavery and capitalism in the Atlantic to the new era of globalization, the West and the world are profoundly interconnected. Offered spring.

Exploration Area: History

### **HIS/WII 230/330 Making History: Monuments and Museums**

**3 credits**

Museums and monuments "make" history and attempt to shape the present by telling stories not only about the past but about the nature and identity of the nation and its people. After reading classic works about public history, students visit museums and monuments to analyze and write about how they shape and construct our understanding of the past and ourselves as a people. The 200-level course will investigate the production of patriotism. The 300-level course will focus on exploring the myths of public history. Taken at the 300-level, this course will fulfill a major elective requirement for the History, Society and Culture major. Offered fall and spring.

Exploration Area: History (only HIS/WII 230)

### **HIS 250, 350 Topics in History**

**3 credits**

These courses offer students in-depth study of topics in history that are not part of the regularly scheduled course offerings. The topics are announced before registration.

### **HIS 295, 395, 495 Independent Study**

**1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**HIS 307 America in the Cold War Era, 1945–1990****3 credits**

How did the Cold War help to create the world in which we live today? This course examines the conflict between the United States and U.S.S.R. in the second half of the 20th century and how this conflict affected American politics, culture and society. Topics include the origins of the Cold War, 1950s conformity, McCarthyism, the civil rights movement, Vietnam, the 1960s, liberalism, the rise of conservatism, and the end of the Cold War. Offered fall of odd-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS 309 America in the Sixties****3 credits**

What were the sixties really like? This course examines the turbulent 1960s, one of the most significant decades in American history. Using primary and secondary readings, documentary films, and oral history, the course focuses on the social movements of the Sixties (the civil rights movement, the New Left, the counter-culture, the peace movement, feminism, and environmentalism), the Vietnam War, liberalism and the conservative backlash, and popular culture. Offered spring of odd-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS 310 From Isolation to Global Policing:****American Foreign Policy, 1776 to the Present****3 credits**

The United States' road to global leadership was a twisting one that began with a nation that spurned any "entangling alliances" and only in the mid-20th century embraced the role of a world leader—though never without doubts and debate. This course surveys the development of United States foreign relations and diplomacy from the Revolution to the present post-Cold War era. Offered spring of even-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS 317 Revolutions and Revolutionaries****3 credits**

Our world is the child of revolutions and revolutionaries. The French and English revolutions created modern politics. The Commercial and Industrial revolutions spawned a global market economy. Marxism, nationalism and other ideologies have sparked revolutionary efforts to create new societies. This course explores revolutions and the people who have inspired and led them. Students study what events lead to these upheavals, what new societies revolutionary governments have created, and what changed and what remained the same. Offered spring of even-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS 319 Modern Mexico****3 credits**

United States—Mexican commerce continues to grow, especially with the NAFTA, making Mexico the nation's third-largest trade partner. Numerous Americans visit Mexico as tourists while, every year, thousands of Mexicans immigrate to the United States, exercising an increasing—and controversial—impact on politics, the economy and culture. In this course students become more literate about Mexico, familiarizing themselves with the basic events, people, and ideas that have shaped Mexican culture. Offered fall of even-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS 321 Contemporary Europe****3 credits**

This course is an intensive study of the political, economic, social and cultural history of 20th-century Europe with special emphasis on region, from its division and reconstruction at the end of World War II into the present, post-Cold War new order. Topics include the postwar economic recovery of Europe, the Sovietization of Eastern Europe, decolonization, the flowering of the welfare state, relations with the United States, and efforts at European unity. Offered fall of even-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS/ESS 322 History of Sport****3 credits**

This course examines the development of sport as an integral part of American life from the Colonial period to the late 20th century. In particular, special attention is given to identifying sport practices in the context of changing work/leisure patterns and other economic, social, and cultural movements. Offered fall of even-numbered years.

*Prerequisite:* History Exploration Area course

**HIS/ENV 323 White Mountain History****3 credits**

This course uses the White Mountains region of New Hampshire as a case study about the manner in which humans and the natural environment interact, especially through resource extraction and tourism. Students study the history of the region, including the people, communities, and political and economic change, as well as the ecological and social effects of human actions. Offered fall even-numbered years.

*Prerequisites:* HIS 100- or 200-level course or one ENG 200-level course.

**HIS 324 The Colonial Experience in the Modern World****3 credits**

This course examines the development, impact and experience of modern colonialism from the 19th century to the present day. Particular attention is given to the reciprocal influences between Western powers and colonized regions in Africa and Asia. Through class discussion, primary source readings, and written assignments, students will examine strategies of resistance; struggles for liberation; and the economic, social and cultural legacy of colonialism. Offered spring of even-numbered years.

*Prerequisite:* One 100- or 200-level HIS, HSC or GOV course

**HIS/ARH 375 Urbanism and City Planning in the Modern West****3 credits**

This course investigates urban planning in Europe and the United States, from Renaissance, Baroque, and Neoclassical city design, to industrialization and its urbanistic consequences, to the challenges that have faced cities and suburbs in the last century. Students consider the strategies (religious, propagandistic, aesthetic, commercial, reformist, utopian, etc.) that architects, theorists, social critics, politicians, and others have proposed for urban contexts. Offered fall of even-numbered years.

*Prerequisites:* ARH 202 (ARH 201 also recommended); relevant coursework in history acceptable with permission of the instructor

**HIS 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**History, Society and Culture Course Offerings****HSC 100 The Detective: Introduction to****History, Society and Culture Studies****3 credits**

This course provides an introduction to the detective work necessary to study history, society and culture. It considers epistemological issues such as fact, truth and inference and begins introducing research methods. Opportunities for deepening archival and primary document research skills and gaining an introduction to careers in archival and public history are provided through the required 10-hour practicum in the Colby-Sawyer College archives. Offered fall.

**HSC 250, 350 Topics in 18th- and 19th-Century****American History****3 credits**

These courses offer students in-depth study of topics in United States history that are not part of the regularly scheduled course offerings. The topics are announced before registration.

**HSC 285 History, Society and Culture Internship****0–3 credits**

This internship gives students the opportunity to gain experience in the skills associated with the study of history, society and culture as well as with career opportunities available to graduates. Internships include archives and historical societies, museums, law offices, political campaigns and public radio. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* Preinternship seminar, sophomore standing or above, permission of faculty sponsor and department chair

**HSC 400 History, Society and Culture Research Methods****3 credits**

Seniors in the HSC program design a research plan that facilitates an original exploration of a particular theme drawn from history, society and culture studies. Students begin by conducting an extensive review of the literature of their research topic and learn about (and practice) research techniques used in the social sciences, such as surveys, archival research and oral history interviews. This plan synthesizes their own and existing research and thinking. Students then carry out the research plan in HSC 401. Offered fall.

*Prerequisites:* Major Acceptance in History, Society and Culture, senior standing

**HSC 401 Advanced Research Seminar (Capstone)****3 credits**

In this course, students carry out the research projects they designed in HSC 400. The final project must make extensive use of primary research and appropriate research methods. A faculty sponsor guides students as they implement the research

project, helping them analyze findings and present their conclusions. Formal presentation of the results at the end of the project is required. Offered spring.

*Prerequisite:* HSC 400

**HSC 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**HSC 485 History, Society and Culture Internship****0–12 credits**

Through this 120-hour minimum internship, students gain professional experience in applying the skills and methods associated with the study of history, society and culture as well as career opportunities available to graduates. Internships include archives and historical societies, museums, law offices, political campaigns and public radio. This requirement for the major must be completed at a single internship site. Graded Pass/Fail. Offered fall and spring.

*Prerequisites:* Preinternship seminar, sophomore standing or above, permission of faculty sponsor and department chair

**Honors Program**

As its mission states: the Wesson Honors Program is designed to provide highly motivated students with an optional intensive experience in the liberal arts. By creating academic, cultural, and social opportunities for integrative and interdisciplinary intellectual discovery, the program challenges students not only to widen their own avenues of intellectual exploration but to take leadership in a community of scholars and participate as catalysts for inquiry and discussion across the college.

To receive an Honors Certificate, a student must complete the Honors Pathway sequence in the first and second years (6 credits), three additional honors courses (9 credits), or two honors courses and one honors contract (9 credits), an Honors component to their major Capstone course and the Honors Capstone Seminar (1 credit). Students who do not complete the Honors Pathway but plan to earn an Honors Certificate must meet with the honors coordinator to work out a plan to fulfill the requirements. Additional information can be found in Wesson Honors Program section of this curriculum guide and from the honors coordinator.

**HON 486 Wesson Honors Capstone Seminar****1 credit**

This Honors Capstone culminates the Wesson Honors Program and receipt of the Honors Certificate at graduation. Students meet together with the Honors Coordinator to refine the honors component of their major capstone, share their work with each other and the review the process of interdisciplinary thinking. Graded Pass/Fail. Offered spring.

## Humanities

### **HUM 150, 250, 350 Topics in Humanities** 1–3 credits

These courses offer students in-depth study of topics in Humanities that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

### **HUM 480 Teaching Assistantship** 1–3 credits

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

## Interdisciplinary Studies

### **INT 285, 485 Interdisciplinary Internships** 0–6 credits

An INT 285 may be taken for 0–3 credits; INT 485 for 0–6 credits. These interdisciplinary internships are designed to provide students an opportunity to explore areas of interest or to link their field of study to other academic or occupational areas. The internship can be completed in a variety of private or public settings and would require students to draw correlations between various academic areas and learning objectives of the internship experience. Students choose faculty sponsors from the academic discipline that most closely relates to their individual experiences. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisite:* Preinternship seminar, permission of the instructor

## International Studies

### **International Studies Minor**

The minor in American studies stresses interdisciplinary coursework to provide the student with the opportunity for examining relationships among American disciplines, leading to a fuller understanding of American culture as a whole.

The minor in International Studies is a fast-growing interdisciplinary minor offering a broad and flexible curriculum for students from any major interested in international affairs. The minor provides a broad overview to global structures, societies, and cultures as well as ways to think about and address international issues, challenges, and opportunities. The minor includes required foreign language and off-campus international experiences.

### **Requirements**

The minor in International Studies consists of 18 credits. In addition to the core requirements, at least 6 of the elective credits must be at the 300/400 level

### **Core requirements:** 6–9 credits

- IST101, GOV100
- Approved off-campus study abroad/international study focused program\*
- Approved Foreign Language Experience (maximum of 3 credits)\*

*\*See next page for criteria for approval*

### **Elective Courses:**

Choose 9–12 credits from the courses below, 6 of these credits must be at the 300-400-level.

Lower Level (200-level):

ARH 201, 202; COM 244; ENG 216, 224, 231, 232, 248, 249;  
ENV 203, 207; HIS 217, 218; PSY 221; REL 237

Upper Level (300-400) at least 6 credits:

ARH 314, 333; BUS 323, 324; ENV/SOC 305; GOV 303, 304;  
HIS 310, 319, 321, 324; PHI 308, 309; SOC 302

- Courses taken at a foreign educational program or institution that are international in content; must receive approval from the registrar
- A WII Internship which has an international focus; (maximum 6 credits applied to minor)

## International Studies Course Offerings

### **IST 101 Introduction to International Studies** 3 credits

This course provides an introduction to the field of International Studies. Students explore such themes as the emergence of the nation-state and the modern system of international relations, nationalism vs. global citizenry, the environment and “ecological commons,” globalization and culture, transnational movement and identity, terrorism, the global drug trade, how globalization shapes our personal lives and local communities, and the future of international collaboration and organization. Offered Spring.

Exploration Area: Global Perspectives

### **IST 105, 107, 109, 111 Independent Language Study** 1 credit

These courses allow students to study over 21 different languages at their own pace, supported by a weekly seminar and a language instructor. With each successive level the student is at a higher language level or a different language. These courses may be used to meet the foreign language requirement for the International Studies minor. Graded Pass/Fail. Offered fall.

### **IST 106, 108, 110, 112 Independent Language Study** 1 credit

These courses allow students to study over 21 different languages at their own pace, supported by a weekly seminar and a language instructor. With each successive level the student is at a higher language level or a different language. This course may be used to meet the foreign language requirement for the International Studies minor. Graded Pass/Fail. Offered spring.



## Approval criteria for Off Campus Study options and language experience requirements

### Off Campus Study Options

The minor in international studies requires an off-campus study opportunity that encompasses some element of global or international interaction. The following options are available through Colby-Sawyer, but other experiences may be acceptable as well:

- A semester abroad
- A field studies course through the School For Field Studies
- A short experience abroad that may be aligned with another course
- A semester at the Washington Internship Institute in an internship that is closely associated with globalization and international issues. For example, an internship at a foreign embassy.
- Having experienced the Global Beginnings semester as a first year student.
- A summer study abroad or internship experience in a foreign location.
- Originating from a foreign country, or having lived in a foreign nation for a period of time.

### Foreign Language Experience Options:

Students may meet the foreign language requirement in several ways. This includes, but is not limited to:

- Successful completion of one of the following: IST 105, 106, 107, 108, 109, 110, 111, 112
- Successful completion of a language course transferred from another institution
- AP credits/exam from high school language classes
- Bi-lingual expertise

*\*The off campus and language experiences must be approved by the Chair of the Multi-disciplinary Studies Department.*

## Mathematics

### MAT 122 Quantitative Reasoning

3 credits

Students investigate a variety of mathematical topics and explore the relationship between these topics and being a well-informed citizen. Topics include logic, personal finance, descriptive statistics, and probability. The use of spreadsheets is integrated into this course. The emphasis in this course is not on proofs and derivations but on reasoning skills. Offered fall and spring.

### MAT 123 College Algebra

3 credits

This course features a contemporary approach to algebra and focuses on using algebra in realistic situations. The course concentrates on the concepts of variable and function, with an emphasis on understanding the behavior of linear, quadratic, rational, exponential, and trigonometric functions, as well as on solving related equations. Offered fall and spring.

### MAT 212 Precalculus

3 credits

Designed for students who have successfully completed two high school courses in algebra, this course builds on the concept of a function and its applications. It emphasizes a numerical approach and incorporates computing technology to facilitate the analysis of polynomial, rational, logarithmic and trigonometric functions, and their applications. Preparation for calculus is an integral component of the course. Offered spring.

*Prerequisite:* Successful completion (B- or better) of two years of high school algebra or MAT 123

### MAT 220 Introduction to Statistics

3 credits

This course provides an overview of the field of statistics including gathering, and analyzing numerical information. Students study the concepts of sampling, experimentation, and measurement and examine statistical methods to study them. Students study confidence intervals and hypothesis testing, including t-tests, F-tests, Chi-Square tests, regressions, and analysis of variance. The use of statistical software and/or graphing calculators is included. Offered fall and spring.

### MAT 221 Calculus I

3 credits

Calculus involves the study of how quantities change. The ideas of infinity, limits, and continuity are developed, leading to the concept of the derivative of a function: its instantaneous rate of change. The process of differentiation is then applied to the study of motion, optimization and other areas. A working knowledge of algebra is expected. Offered fall.

*Prerequisite:* Successful completion (B- or better) of three years of high school math or MAT 212

### MAT 222 Calculus II

3 credits

This course focuses on the integral calculus as an extension of the differential calculus that is introduced in MAT 221. Topics include differential equations, techniques of integration, and applications thereof. Offered spring.

*Prerequisite:* MAT 221

### MAT 250, 350, 450 Topics in Mathematics

1–3 credits

These courses offer students in-depth study of topics in mathematics that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**MAT 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisites:* MAT 220 or 221, permission of the instructor and the department chair

**MAT 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

## Media Studies

### Bachelor of Arts: Media Studies

The Media Studies major offers a curriculum of theory and practice consistent with the college's mission to integrate professional preparation with a liberal arts education. This major seeks to inspire students to think critically, creatively and professionally in the analysis and production of written, oral and audiovisual communication. With an explicit concern for social responsibility, emphasis is on ethical professional practice and life-long learning. Central areas of study include analysis and criticism of media institutions and texts; theories and methods for producing audio, video, text and image for an array of traditional and evolving media; and the examination of the roles of media in transforming individuals, society and culture.

#### Major Requirements—Media Studies

Liberal Education Program requirements

##### Core Courses

COM 203, 209, 216, 238, 325, 341  
COM 469, 470  
COM 485

##### Media Studies Electives

Choose 6 courses from the following courses, 4 courses must be at the 300-level for a total of 24 credits

AME 305, ART 260, BUS 231, COM 208, 214, 222, 227, 228, 235, 241, 244, 250, 310, 316, 321, 328, 333, 337, 345, 350; COM/WRT 205, 303, 312, 326; COM/WST 243, 360; WRT 201, 208, 301, 302, 311; PHI 221

**Media Studies Minor**

The minor in media studies consists of 18 credits of media studies courses including COM 203 and 216. Two of the remaining four courses must be taken in media studies courses at the 300-level.

**Film Studies Minor**

The minor film studies consists of 18 credits of film studies courses including either COM 227 or COM 241; and COM 228. Six of the remaining 12 credits must be taken in film studies at the 300-level. Students may choose from the following:

AME 305; COM 227, 235, 241, 250, 328, 345, 350; COM/WST 243, COM/WRT 312; ENG 265

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum grade of C (2.00) in COM 203, 216
- Meet with a Media Studies faculty advisor to review coursework, scheduling and academic and professional goals
- Complete an application that includes a faculty recommendation form, a copy of the student's transcript, and a copy of the portfolio reflective essay written in COM 216

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
COM 203	COM 216
WRI 105	COM 238
PTH 101	Math
Liberal Education Course	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
COM 209	COM Elective
COM Elective	COM Elective
Liberal Education Course	PTH 201
Liberal Education Course	Liberal Education Course
Elective	Liberal Education Course
<b>Junior Year</b>	
COM 341	COM 325
COM 300 Elective	COM 300 Elective
COM Elective	Elective
Elective	Elective
Elective	Elective

**Suggested Registration** (continued)

<i>Fall</i>	<i>Spring</i>
<b>Senior Year</b>	
COM 469	COM 470
COM 300 elective	COM 300 elective
Elective	Elective
Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

Students interested in **Public Relations** are advised to complete the following courses: BUS 231; COM 208, 222, 228, 310, 337

Students interested in **Journalism** are advised to complete the following courses: COM 205, 208, 222, 312 or 303, 321, 326

Students interested in **Film Studies** are advised to complete the following courses: COM 214, 227, 228, 235, 241, 243, 244, 312, 328, 333, 345

**Media Studies Course Offerings****COM 101 Introduction to Public Speaking and Oral Communication** **3 credits**

This course is designed to teach students how to write and deliver public speeches effectively. Students prepare a number of short talks for presentation in class. Emphasis is placed on audience analysis, research and the speech-writing process as well as delivery. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**COM 203 Media Criticism** **3 credits**

This course is an introduction to the media studies major. Students learn to analyze and critique contemporary genres of media, to look critically at mass media institutions and how these institutions influence media content, and to consider what kinds of larger implications the mass media have on our lives and culture. Offered fall or spring.

Exploration Area: Media Literacy

**COM/WRT 205 Introductory Journalism** **3 credits**

Students learn the basic elements of journalism and study the basic forms of journalistic writing: editorials, news articles and feature stories. Offered fall.

**COM 208 Introduction to Desktop Publishing** **3 credits**

A comprehensive introduction to desktop publishing, this course introduces students to creating flyers, brochures, and newsletters. Students learn to write, edit, design and compose on desktop using page layout and image editing programs. Basic design principles and audience need analysis are emphasized. Offered fall.

*Prerequisite:* COM 203 or COM/WRT 205 or BUS 302

**COM 209 Expanding Perception: Image, Word and Sound** **3 credits**

This course is an introduction to the media that carry much of the meaning of contemporary culture: image, word, and sound. Still and moving images as well as audio sources (words, music, and effects) are analyzed and created. Offered fall.

**COM 214 Audio Production I** **3 credits**

This first course in audio production introduces fundamentals of writing for radio; sound recording; voice work; editing and mixing. Students listen to a variety of pieces, but the emphasis is on student production. Individual projects and group collaborations are assigned; history and theory are introduced to provide context for production activities. Offered fall or spring, three semesters out of four.

**COM/WRT 216 Writing for Public Communication** **3 credits**

Students learn how to write for the most common forms of public communication (radio and television public service announcement, newspaper editorial, news release, short magazine article, speech, etc.). While attention is given to the work of others through critical analysis, the focus is on writing assignments and grammar exercises designed to improve writing skills. Offered fall and spring.

*Prerequisite:* WRT 105

**COM 222 Internet Publishing** **3 credits**

This course is an introduction to publishing on the Internet with World Wide Web technologies. Class time and assignments center on (X)HTML coding, CSS and introductory Photoshop. Topics include identifying and addressing user requirements, information architecture, screen and interaction design, file organization and management for an ongoing presence, how to stay abreast of evolving technologies and associated best practices. Offered spring.

**COM 227 Film, Technology and Truth** **3 credits**

This course focuses on how themes of media are portrayed within cinema. Students consider the films from a variety of perspectives, including technical, aesthetic, social, and cultural. Themes include: image and reality; technologically enhanced truth; experience and perception; making media; media industries; media convergences and reactions to new media. Offered fall or spring.

Exploration Area: Media Literacy

**COM 228 Video Production I** **3 credits**

This course provides a comprehensive introduction to the art of video production. Students learn to use digital video cameras, lighting and audio equipment, and digital editing software. Through screenings and discussions, students develop an understanding of processes and practices in contemporary video production, and produce work in a variety of genres, from commercial and experimental to documentary. Offered fall and/or spring.

**COM 235 Documentary Film and Video****3 credits**

This course examines the history and development of documentary film and video. Through a series of screenings, readings, and discussions, a diverse sample of U.S. and international films are considered. Offered fall and/or spring

Exploration Area: Media Literacy

**COM 238 Digital Media****3 credits**

This course introduces students to the practical and theoretical implications of new digital media technologies from the Internet to I-pads. Students learn the basics of web design and produce an interactive multi-media project. Offered spring.

**COM 241 American Film****3 credits**

This historical survey of films produced in the United States, from the silent period to the present, focuses on various film genres—westerns, comedies, musicals, gangsters and horror films—as well as on such concepts as the auteur theory, the star system, and the “golden years” of the Hollywood studio system. The technical, aesthetic and cultural aspects of the media are explored. Offered fall

Exploration area: Media Literacy

**COM/WST 243 Women in Film****3 credits**

This course examines the images and roles of women in representative films from the silent era to the present. While the course includes films made by both men and women, the creative activity of women in the film industry (as directors, producers, writers, editors and actresses) is of special concern. Social, cultural and feminist perspectives of the films are considered. Offered spring of odd-numbered years.

Exploration Area: Media Literacy

**COM 244 International Film****3 credits**

This course focuses on the history of international film as it has developed in a dozen foreign countries throughout the 20th century, examining important aesthetic movements such as Russian montage, German expressionism, Italian neo-realism, French and Australian new waves and Third World cinema, as well as major figures like Eisenstein, Fellini, Bergman, Truffaut, Kurosawa, Bunuel, Wertmüller, Armstrong, Meirelles, and Yimou. Offered spring of even-numbered years.

Exploration Area: Global Perspectives

**COM 250, 350 Topics in Media Studies****1–3 credits**

These courses offer sophomore, junior and senior-level students opportunities to study particular subjects in various media areas that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**COM/WRT 251, 253, 255, 257 Newspaper Practicum****1 credit**

The *Colby-Sawyer Courier* is a student-run newspaper serving the campus community. A student may earn credit as a writer or an editor. Writers are required to write six stories, attend by-weekly critiques and help with copy editing. Editor's responsibilities may include assigning stories, copyediting, layout, composing paper sections, reporting and other duties as explained in the newspaper's mission statement. Offered fall.

*Prerequisite:* WRT 105; and COM/WRT 205 or ART 260

**COM/WRT 252, 254, 256, 258 Newspaper Practicum****1 credit**

The *Colby-Sawyer Courier* is a student-run newspaper serving the campus community. A student may earn credit as a writer or an editor. Writers are required to write six stories, attend by-weekly critiques and help with copy editing. Editor's responsibilities may include assigning stories, copyediting, layout, composing paper sections, reporting and other duties as explained in the newspaper's mission statement. Offered spring.

*Prerequisite:* WRT 105; and COM/WRT 205 or ART 260

**COM 261, 263, 265, 267 Radio Station Operations Practicum****1 credit**

Students develop and implement projects supporting programming, legal, regulatory and/or technical aspects of radio station operations at WSCS-FM. Requirements include a signed learning contract by end of the second week, 40 logged hours per credit and a weekly meeting with instructor. Offered fall.

*Prerequisite:* COM 214 or two satisfactory semesters as live on-air host, or instructor's permission

**COM 262, 264, 266, 268 Radio Station Operations Practicum****1 credit**

Students develop and implement projects supporting programming, legal, regulatory and/or technical aspects of radio station operations at WSCS-FM. Requirements include a signed learning contract by end of the second week, 40 logged hours per credit and a weekly meeting with instructor. Offered spring.

*Prerequisite:* COM 214 or two satisfactory semesters as live on-air host, or instructor's permission

**COM 285 Media Studies Studies Internship****0–3 credits**

This internship is designed to provide qualified students an opportunity to explore an on-site professional communication experience early in their college careers. The student works under the supervision of both a site evaluator, who is required to submit a final evaluation of the intern's performance, and a member of the faculty. The student is required to submit a final written paper and a final oral report to the faculty. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Preinternship seminar, permission of the faculty sponsor and department chair

**COM 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**COM/WRT 303 Writing About Sports****3 credits**

Students pursue advanced study of sports journalism by writing game analysis stories, press releases, commentaries, feature stories and audio scripts. Students study the field of sports public relations, with particular attention paid to the role of new media in sports promotion. Because this course focuses on game coverage, an extensive knowledge of sports is required. Offered spring of odd-numbered years.

*Prerequisite:* WRT/COM 205 or ESS 101

**COM 310 New Media Technologies****3 credits**

Students use experience, research, theory to explore new media. Topics reflect changing landscape and student interests (such as: blogs, gaming, Second Life, social networks, collaborative web). Central questions examine metaphors for new media, investigate deep transformations implicit in shift to digital representations of the world, and ask, So what? Small-group, presentation and writing assignments encourage students to assess fit between theory and personal experience. Offered fall.

*Prerequisites:* COM 203 or instructor permission

**COM/WRT 312 Writing About the Arts****3 credits**

Students learn to write hard-news stories, reviews, and features about the arts, works of art, artists, and those areas of the arts that shed light on cultural and social issues. Students become familiar with all the ways in which journalists gather information about the arts. Offered spring of even-numbered years.

*Prerequisite:* One 200-level WRT or COM course.

**COM 316 Multimedia Production I****3 credits**

Introduction to multimedia communication using Flash and elementary ActionScript. Projects include simple animation (frame-by-frame and tweened), game development, integrating multiple media in interactive “widgets” for deployment on the web or on CD-ROM. Assumes at least elementary training/experience in at least one of the following: audio or video production, or photography, or graphic design. Offered fall or spring.

*Prerequisite:* COM 222 or COM 208 or ART 132 or instructor permission

**COM 321 Electronic Journalism****3 credits**

This course analyzes the processes and products of electronic journalism. Included are social implications of news coverage, evolving technologies and strategies such

as blogwriting and gonzo journalism. The social, political and economic trends of contemporary electronic journalism are also studied. Offered spring of even-numbered years.

*Prerequisite:* COM 203 or 205 or 216

**COM 325 Media Law and Ethics****3 credits**

The First Amendment of the Constitution establishes freedom of speech as one of our democratic society’s fundamental freedoms. This course traces the origin of this freedom and its development in American law. Students explore and identify legal issues associated with the First Amendment, including topics of libel, obscenity, privacy, and intellectual property. Students also consider a range of ethical issues present in the mass media industries and their products. Offered spring.

*Prerequisite:* COM 203

**COM/WRT 326 Investigative Reporting****3 credits**

Students learn to use data bases, government reports, police logs, public meeting minutes, and other public information sources to report on local governments. Students learn to analyze statistics, interpret rulings, apply regulations, develop follow-up research strategies, synthesize findings and create over-views of social issues that effect local citizens. Offered fall of even-numbered years.

*Prerequisite:* COM 205

**COM 328 Video Production II****3 credits**

Building on knowledge and techniques learned in Video Production I, students expand and enhance their facility with and understanding of video production. The course includes an introduction to the department’s television studio, as well as advanced editing techniques and DVD authoring. Creativity and personal expression are encouraged as students write, direct, and produce their own projects. Offered fall.

*Prerequisite:* COM 228

**COM 333 Cartoons in American Culture****3 credits**

Editorial cartoons, comics and animated films have played an important role in America by creating, enhancing and critiquing cultural symbols and behaviors. This course explores the history of the cartoon in America, focusing on key illustrators, animators and publications. Students analyze the use of humor, the cartoon in war times, and the use of animation for propaganda. Offered fall of odd-numbered years

*Prerequisite:* COM 203

**COM 337 Public Relations Writing****3 credits**

This is a hands on, project-oriented (team and individual) course which studies then applies various theories of public relations in a diversity of settings. Past and current case studies, typical public relations problems in industry, labor, non profit and entertainment are analyzed. The course emphasis is on students’ writing, problem solving, research skills and utilization of successful strategies and tactics. Offered fall of odd-numbered years.

*Prerequisite:* COM 216

**COM/AME 341 History of U.S. Mass Media****3 credits**

This course considers the development of U.S. mass media, with particular reference to significant influences of the 19th and 20th Centuries. Students examine a variety of media (newspapers, magazines, advertising, telegraph, motion pictures, radio, television, and the Internet) within the broad social contexts within which they were developed and operated. Offered fall.

*Prerequisite:* COM 203; or HIS 101 or 102

**COM 345 Movie Mavericks: Independent Filmmakers Who Challenge the Hollywood System****3 credits**

This course examines the work of contemporary film directors and writers in the United States whose originality, independence and unconventional approaches to moviemaking have contributed to the evolution of the industry and the creation of many of its finest works. Students focus on the aesthetic styles and thematic concerns of films which challenge the conventions of classic Hollywood cinema. Offered fall of even-numbered years.

*Prerequisites:* COM 227, 235, 241, 243, 244 or ENG 265

**COM/WST 360 Gender and Media****3 credits**

This course considers relationships among popular culture, mass media, gender, race, class, and sexuality. Students learn reading strategies, analytical tools, and theoretical models for better understanding the role communication media play in our gendered selves. Offered spring of even-numbered years.

*Prerequisite:* COM 203 or PHI/WST 111

**COM 469 The Capstone Preparation****3 credits**

Students are introduced to the corporate and service aspects of professional communication. Introduction to the job search process and portfolio preparation is covered. Students work with faculty to find a client and develop a capstone project. Students study proposal writing and prepare a formal proposal for their project. Offered fall.

*Prerequisite:* Senior standing

**COM 470 The Capstone Proposal****3 credits**

The Capstone project requires senior Media Studies majors to conduct field-related research or to create a media project that serves the communication needs of a campus or community-service organization. Projects include audio, video or multimedia productions, public relations campaigns, series of articles, on-line or print publications, advanced research projects or creative works. Students must have an approved project prior to the beginning of the spring semester. Offered spring.

*Prerequisite:* Major Acceptance and designated 300-level courses appropriate to student's proposed project; consult program faculty for specifics before November 1 of the preceding semester.

**COM 475 Praxis: Campus Communications****3 credits**

This senior-level course provides students with the opportunity to serve as directors, managers or editors of media projects on the Colby-Sawyer campus. This experience involves leadership positions in print, audio and/or video production in practical situations with on-campus professional communicators. Examples: the editor of The Colby-Sawyer Courier, the news director and the program director at WSCS, and a video producer of an extensive project involving several students. Students must qualify for these positions by completing at least one semester of preliminary volunteer service and demonstrating a keen interest. The positions must be arranged prior to the semester enrolled. Offered fall or spring.

*Prerequisites:* Majors and minors only, permission of the instructor

**COM 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**COM 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**COM 485 Media Studies Internship****0–6 credits**

This is an option for qualified students in the Media Studies major to gain work experience by means of an apprenticeship in an off-campus professional communication position that involves significant activity and responsibility. Students work under the supervision of both an on-the-job supervisor and a member of the faculty. A public presentation based on the internship is given after the semester of the internship. For major requirement, this internship must include 120 contact hours (the equivalent of three credits). Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Media Studies Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

## Multidisciplinary Studies

### Bachelor of Arts: Multidisciplinary Studies

The Multidisciplinary Studies major allows students who are interested in more than one field of study to acquire a broad liberal arts foundation combined with the opportunity to focus in-depth on more than one academic area. Students in the major explore how insights from various disciplines inform our understanding of complex issues as well as the methods utilized by different disciplines and how they contribute to integrative understanding. Students develop skills in interdisciplinary research and problem solving, in oral and written communication, and the integration of diverse perspectives.

#### Major Requirements—Multidisciplinary Studies

Liberal Education Program requirements

MDS 100, 285, 485, 487

COM 101

WRT 201

Select one from: ENG 221, 222, 248 249

Select one from: ENV 120, 207

Select one from: HIS 101, 102, 217, 218, or ARH 202

Select one from: PHI 100 or 110 or PHI/WST 111, or AME 201

Select one from: SOC 101 or PSY101

Select one from: ECO 100, 101, 102

Select one from: COM/WRT 303, 312, 326; WRT 311

Select one from: ENG 317, 324, 331, 333, 335, 338, 339

Select one from: ENV/SOC 305; ENV/BUS 321; PHI 312

Select one from: HIS 307, 309, 310, 317, 319, 321, 324; ENV/HIS 323;

ESS/HIS 322

One PSY or SOC at the 300-level

IST 105 (students may also meet the foreign language requirement in other ways, such as transferring a 3-credit course or Advanced Placement credit)

#### Minor Requirement

Multidisciplinary Studies majors are required to complete any minor offered by the college. Please refer to the Minor Programs section of the curriculum guide for further information.

#### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum grade of C (2.00) in MDS 100
- A Major Acceptance essay (see the Multidisciplinary Studies department chair for specific details regarding the application requirements)

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

#### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	PSY 101 or SOC 101
MDS 100	HIS 100-or 200-level Course
COM 101	Math Requirement
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
WRT 201	MDS 285
PHI 100-level or AME 201	ENV 300-level Course
ECO 100-level Course	PTH 201
Liberal Education Course	Liberal Education Course
Minor Course	Minor Course
<b>Junior Year</b>	
MDS 485	IST 105
PSY or SOC 300-level Course	Minor Course
Minor course	HIS 300-level Course
ENV 120 or 207	ENG 200-level Course
COM or WRT 300-level Course	ENV 300-level Course or PHI 312
<b>Senior Year</b>	
Minor Course	MDS 487
Minor Course	Minor Course
ENG 300-level	Elective
Elective	Elective
Elective	Elective

Total credits: 120 minimum

### Multidisciplinary Studies Course Offerings

#### MDS 100 Introduction to Multidisciplinary Studies

3 credits

This course introduces students to the major while building a sense of community among the program's students. Students explore how insights from various academic areas inform their understanding of complex issues as well as the methods utilized by different disciplines and how they contribute to integrative understanding. Students develop skills in interdisciplinary research and problem solving, in oral and written communication, and the integration of diverse perspectives. Offered fall and spring.

**MDS 285 Multidisciplinary Studies Internship** 0–3 credits

This multidisciplinary internship gives students the opportunity to explore potential career opportunities available to graduates of the Multidisciplinary Studies major. Internships can include a wide range of experiences suited to students' particular interests. Offered fall and spring.

*Prerequisite:* Preinternship seminar, permission of faculty sponsor and department chair

**MDS 485 Multidisciplinary Studies Internship** 0–9 credits

This internship provides students with an opportunity to explore areas of professional interest and development as well as potential careers. The internship can be completed in a variety of private or public settings and requires students to draw connections among the various academic areas and disciplines of the multidisciplinary studies major with the career or internship setting and the learning objectives of the internship experience. Offered fall and spring.

*Prerequisites:* Major Acceptance, MDS 285, junior standing or above, Preinternship seminar, permission of faculty sponsor and department chair

**MDS 487 Multidisciplinary Studies Capstone** 3 credits

This course involves a semester of directed research in which students develop a project that draws on the various disciplines studied in the major. The project should demonstrate originality through its conceptualization, data collected, and/or analysis. Students work with a faculty sponsor and present their research to the college community at a spring symposium. Offered fall and spring.

*Prerequisites:* Major Acceptance, senior status

## Music

The Fine and Performing Arts Department supports music at Colby-Sawyer. The department offers a Music Appreciation course that follows a standard lecture format and satisfies the Fine and Performing Arts Exploration Area requirement. A variety of applied music opportunities include individual lessons, master classes, and performance ensemble work. Credit is given for lessons in voice, piano, or other instruments, subject to approval by the department. These courses follow a one-on-one format of discussion and demonstration followed by practice and critique. Musical instruction carries credits according to the following schedule, with fees assessed on a per-credit basis:

- One hour lesson and nine hours of practice per week carry three credits
- One 45-minute lesson and five hours of practice per week carry two credits
- One 30-minute lesson and five hours of practice per week carry one credit

## Music Course Offerings

**MUS 103 Music Appreciation** 3 credits

This music survey course explores ancient to contemporary musical styles. Students become acquainted with the historical periods, genres, and styles of music, and with elements of the musical art such as melody, harmony, lecture form, and notation. The course studies each genre in terms of structure, style, cultural context, and meaning, by developing specific techniques of interpretation. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**MUS 110, 210, 310, 410 Applied Music: Vocal and Instrumental** 1–3 credits

Individual instruction facilitates the development of technical abilities on a given instrument. Students may select from the following: piano, voice, flute, violin, cello, guitar, or another instrument upon request, subject to the availability of instructors. Level of instruction and credits are dependent on ability and are assigned after an initial assessment; no audition is necessary. A fee is charged per credit. Offered fall.

*Prerequisites:* Successful completion of each successive course

**MUS 111, 211, 311, 411 Applied Music: Vocal and Instrumental** 1–3 credits

Individual instruction facilitates the development of technical abilities on a given instrument. Students may select from the following: piano, voice, flute, violin, cello, guitar, or another instrument upon request, subject to the availability of instructors. Level of instruction and credits are dependent on ability and are assigned after an initial assessment; no audition is necessary. A fee is charged per credit. Offered spring.

*Prerequisites:* Successful completion of each successive course

**MUS 131, 133, 135, 137 Colby-Sawyer College Singers** 1 credit

The Colby-Sawyer College chorus is open to students as an opportunity for musical expression. The chorus presents one performance each semester of choral literature ranging from madrigals and choral masterworks to folk songs, contemporary music, and excerpts from musicals. No audition is necessary. Offered fall.

**MUS 132, 134, 136, 138 Colby-Sawyer College Singers** 1 credit

The Colby-Sawyer College chorus is open to students as an opportunity for musical expression. The chorus presents one performance each semester of choral literature ranging from madrigals and choral masterworks to folk songs, contemporary music, and excerpts from musicals. No audition is necessary. Offered spring.

**MUS 251, 351, 451 Ensemble Module** 1 credit

These courses bring together a variety of singers and instrumentalists and gives them an opportunity to accompany one another and to perform music at the college and in the community. Students have the opportunity to learn how to integrate music with other forms of artistic expression. The level is dependent upon the musical expertise of the student. See the Financial Information section of this curriculum guide for ensemble module fees. Graded Pass/Fail. Offered fall and spring.



# Nursing

## Bachelor of Science: Nursing

The philosophy of the Department of Nursing is summarized by the following statement: *Nursing is the care of persons who are experiencing or can be expected to experience variations in health and the tending of the entire environment in which care occurs.*

### Mission Statement

The program leading to a Bachelor of Science in Nursing (B.S.) integrates knowledge from the liberal arts and sciences with professional education. Students are afforded the educational and clinical opportunities that help to prepare them to take the National Council Licensure Examination (NCLEX-RN) for Registered Nurses, to assume entry-level positions in professional nursing, and to enroll in graduate studies in nursing. It is expected that graduates will practice in a variety of settings as they serve persons from diverse backgrounds in need of health care and form partnerships with professionals in other disciplines.

In addition to a liberal education, the core components of the program in Nursing include the competencies and knowledge essential to basic nursing practice, the values of the healing professions, and the development of the professional role of the nurse.

Upon completion of degree requirements, students are able to

- exemplify the characteristics and values of a caring professional;
- communicate effectively in writing and orally with individuals and families of diverse backgrounds and with colleagues in other professional disciplines;
- think critically for the purposes of exercising clinical judgment and making ethical decisions;
- practice clinical nursing by using the core competencies and knowledge that underlie state and national standards of basic practice; and
- perform the professional nursing roles that serve the health-care interests of the public.

Colby-Sawyer College is a member of the American Association of Colleges of Nursing. The Nursing Program is accredited by the Commission on Collegiate Nursing Education (2002–2012) and approved by the New Hampshire Board of Nursing.

### Admission for Students Interested in the Nursing Major

The nursing program at Colby-Sawyer is extremely selective. To be successful in Nursing, students who apply for admission to the college with the intention of pursuing a major in nursing should have a minimum of three years of college-preparatory laboratory science, including biology and chemistry; demonstrate sound skills in mathematics; and achieve a minimum high school grade point average of 2.75 (B-). Major acceptance for the Nursing Major takes place in the fall of the sophomore year.

## Academic Policies

A student's admission to the college does not guarantee formal acceptance into the nursing major. Application to the major is a competitive and merit-based process which is undertaken during the fall of the sophomore year. The Major Acceptance decision is made prior to the start of the sophomore spring semester. A minimum grade of B- is required in all nursing (NUR) courses. Nursing courses which have clinical experiences have two grade components: a clinical grade expressed as Pass/Fail, and a classroom grade. Students must demonstrate competence in **both** the classroom and clinical/lab components of the nursing courses to progress in the major. Students who fail a nursing course based upon their clinical performance, and/or receive a grade less than a B- in the classroom, must successfully repeat both the classroom and clinical components of the course before they can progress in the major. Permission to repeat a clinical course must be granted by the nursing department chair and will be considered only when space permits.

The nursing faculty reserves the right to require withdrawal of any student whose health, conduct or academic standing makes it unsafe for the student to remain in a nursing course or in a clinical setting. Failure to comply with agency policy also is cause for dismissal from the nursing major.

### Clinical Education

Clinical courses are taught by nursing faculty, who are responsible for assisting students in the integration of theory and practice in a clinical setting. During the spring of the senior year, students complete a clinical preceptorship, working one-on-one with a nurse-preceptor in a clinical setting under the guidance of nursing faculty. During the senior year, students also develop and implement a capstone leadership project, addressing a health care issue they have identified.

Colby-Sawyer College is fortunate to offer its students clinical experiences in a variety of inpatient and community settings. The Department of Nursing has relationships with Dartmouth-Hitchcock Medical Center, New London Hospital, Concord Hospital, Catholic Medical Center, Elliot Hospital, Lake Sunapee Region Visiting Nurse Association, the Visiting Nurse Alliance and Hospice of Vermont and New Hampshire Inc., and New Hampshire area schools in addition to other health and human services organizations.

Every nursing student, at the time of Major Acceptance, must have on record in the Nursing Department evidence of current certification in cardiopulmonary resuscitation (CPR) at the Health Care Provider level, issued by either the American Red Cross or the American Heart Association. In addition, nursing students must comply with all clinical agency health requirements which will be specified during the first nursing course, NUR 203: Introduction to Professional Nursing. Students may not attend clinical internships without proper documentation of ALL health and safety requirements on file in the Nursing Department. A criminal background check is an agency requirement and random drug screening may be conducted. All annual and bi-annual requirements should be completed during the summer months so that none expire during the school year.

Students who are ill are discouraged from participation in the classroom and clinical learning environments. Students who are absent during a clinical day(s) may

be asked to pay a fee to cover the faculty costs incurred by a make-up day.

### Major Requirements—Nursing

Liberal Education Program requirements

BIO 106, 205, 206, 207

MAT 220

NUR 203, 230, 307, 309, 313, 314, 332, 334, 336, 405, 407, 408, 442, 445, 446

PHI 305

PSY 101, 240

SCI 201

SOC 101, 203

A minimum grade of B- (2.7) is required in all BIO, all NUR courses, PSY 101 and SOC 101. All required biology (BIO) and nursing (NUR) courses must be completed at Colby-Sawyer College. BIO 106 may be repeated only once; students may not repeat BIO 205, 206, and 207; and only one NUR course may be repeated.

### Major Acceptance Requirements

Students applying for Major acceptance must complete the requirements listed below.

- A minimum cumulative GPA of 2.7
- A minimum grade of B- (2.7) in BIO 106, 205, 206; NUR 203; PSY 101; SOC 101
- Major Acceptance Application form
- One letter of recommendation
- A one-page self-evaluation

### Transfer Students

The Colby-Sawyer College nursing curriculum is designed for the student seeking a Bachelor of Science in Nursing. The ability to accept transfer students seeking entry into the Nursing Program will be evaluated on an individual basis and will be considered only when space permits. Priority for entrance to the nursing program is given to enrolled Colby-Sawyer College students. Further information is available from the Admissions Office and the Registrar's Office.

### Suggested Registration

Fall	Spring
<b>First Year</b>	
WRT 105	SCI 201
BIO 106	SOC 101
PSY 101	BIO 205
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
BIO 206	BIO 207
NUR 203	NUR 230
SOC 203	NUR 307
PSY 240	PTH 201
Liberal Education Course	

### Junior Year

Students will take one of the following two sequences per semester during their junior year.

NUR 313	NUR 309
NUR 314	NUR 332
NUR 334	NUR 336
Liberal Education Course	MAT 220

### Senior Year

NUR 405	NUR 408
NUR 407	NUR 442
NUR 445	NUR 446
PHI 305	Elective*
Elective*	

\* Students are encouraged to take two free electives, but it is not required.

**Total credits: 120 minimum**

### Nursing Course Offerings

*Interpreting NUR course credits:* **Total credits (class credits.clinical credits)**

#### **NUR 203 Introduction to Professional Nursing** **3 credits (3.0)**

This nonclinical course introduces the basic concepts that are incorporated throughout the nursing curriculum. Topics include current practice issues in professional nursing and health care, therapeutic communication, principles of patient teaching, the biopsychosocial model of health and Gordon's health patterns, and the nursing process and critical thinking on which clinical judgment is based. Offered fall.

#### **NUR 230 Health Assessment and Nursing Skills** **6 credits (2.4)**

This clinical course introduces the role of provider of nursing care, with a focus on promotion of health and normative aging in individuals. Topics include assessment of the biopsychosocial and spiritual needs of the client, physical examination skills, basic nursing care skills, therapeutic nursing interventions, nursing care plans, medication administration, therapeutic communication, and nursing documentation. Offered spring.

*Prerequisites:* Major Acceptance; *Co-requisites:* BIO 207; NUR 307

#### **NUR 307 Pharmacology** **3 credits (3.0)**

This nonclinical course focuses on the pharmacological knowledge necessary for safe practice, including legal responsibilities. Drug classifications are examined as they relate to each physiological system. This course is open to non-nursing majors. Offered spring.

*Prerequisites:* BIO 106, 205, 206

**NUR 309 Community-Based Nursing Care****2 credits (2.0)**

This nonclinical course introduces the concepts of community-based nursing care. The focus is on the community as the client and also as the context of care for individuals and families. Topics include family-centered care, culture, community and health care systems, vulnerable populations in the community (elders and the developmentally disabled), public health and community health issues (alcoholism, communicable diseases, domestic violence, sexual abuse and suicide), and epidemiology. This course is open to non-nursing majors. Offered fall and spring.

*Prerequisites:* PSY 101; SOC 101

**NUR 313 Nursing Practice: Care of the Childbearing Family****4 credits (2.2)**

This clinical course introduces the role of care provider for families experiencing normative childbearing and childbirth. Topics include prenatal, neonatal, family development, reproductive health, labor and birth, and related nursing interventions in maternal-infant care. Nursing assessment of the childbearing family unit is conducted in a community setting. Offered fall and spring.

*Prerequisites:* NUR 230

**NUR 314 Nursing Practice: Child Health****4 credits (2.2)**

This clinical course introduces the role of care provider for families experiencing normative childrearing and for children and adolescents who require restorative care. Topics include child and family development, nursing interventions with children, and management of childhood illnesses. Offered fall and spring.

*Prerequisites:* NUR 230

**NUR 332 Nursing Practice: Care of the Adult I****9 credits (5.4)**

In this clinical course, students provide restorative care for adults in an acute care setting and begin to develop skills in the management of care for adults and their families. Topics include pathophysiology of disease, therapeutic nursing interventions with acute manifestations of diseases in major organ systems (cardiac, pulmonary, endocrine, gastrointestinal, neurological and musculoskeletal), fluid/electrolyte balances, perioperative care, health promotion, and prevention in chronic disease. Offered fall and spring.

*Prerequisite:* NUR 230

**NUR 334 Nursing Practice: Mental Health Nursing****4 credits (2.2)**

In this clinical course, students provide restorative care for adults with psychiatric illness in an inpatient setting and develop skills in the assessment and management of mental health for adults and their families. Topics include psychiatric illnesses (depression, schizophrenia, anxiety, and post-traumatic stress syndrome), therapeutic interventions and communication skills, psychotropic medications, coping, crisis intervention, and special populations (children with attention deficit disorder and attention deficit hyperactivity disorder). Offered fall and spring.

*Prerequisite:* NUR 230

**NUR 336 Healthcare Research and Policy****3 credits (3.0)**

This nonclinical course focuses on evidence-based practice. Students identify a clinical problem, review sources of evidence, and develop a policy statement or program objectives to address the problem. Topics include the research process, literature critique and review, the clinical value compass and models of continuous quality improvement, and policy development. This course is open to non-nursing majors. Offered fall and spring.

*Prerequisite or Co-requisite:* MAT 220

**NUR 405 Nursing Practice: Care of the Adult II****7 credits (4.3)**

In this clinical course, the students provide and manage restorative care for adults with complex needs and their families, in an acute care setting. Topics include pathophysiology and acute complications of disease, therapeutic nursing interventions in multisystem organ failure, shock, burns, interpretation of cardiac arrhythmias, fluid/electrolyte imbalances, palliative care, pain management, hospice, and discharge planning. Offered fall.

*Prerequisite:* NUR 332

**NUR 407 Nursing Leadership I****2 credits (2.0)**

The nursing role includes acting as provider, manager, and coordinator of care for individuals, families and communities. Nursing care includes planning health promotion through normative transitions across the life span, prevention of events that compromise health, and management and maintenance of optimal health for persons with chronic illness and disability. Course emphasis is on assessing and planning nursing care for select aggregates and communities and utilizing community health indicators in collaboration with community partners. Students work with community mentors to identify and plan interventions based on the capacities of the community and the nursing program and meet weekly for clinical seminar. Offered fall.

*Prerequisites:* Senior status in the Nursing major

**NUR 408 Nursing Leadership II****2 credits (2.0)**

Students continue to work in select communities with a community mentor to implement and evaluate the interventions they designed in NUR 407. There is a greater focus in this course on the coordination of care and the leadership role of nurses in the community. Topics include cultural influences on the health of communities, roles of human service organizations, interdisciplinary collaboration, occupational health nursing, public safety/disaster management, and evaluation methods. Weekly clinical seminar meetings allow students to benefit from one another's experiences. Student projects/interventions are presented to a group jointly identified by student, faculty, and community mentors. Offered spring.

*Prerequisites:* NUR 407

**NUR 442 Clinical Capstone:****Nursing Management of Patient Care****8 credits (2.6)**

Students provide and coordinate complex restorative nursing care in the hospital setting to acutely ill individuals and their families. Students work under the guidance of a clinical mentor to achieve competence in providing safe, effective nursing care at a novice level. Students explore professional issues and responsibilities to develop management and leadership skills as they assume a professional role. Topics include management of nursing care, nursing leaders/leadership, role development, and career management. Weekly clinical seminars provide opportunities for analysis and evaluation of therapeutic nursing interventions and the professional role of nurses. Offered spring.

*Prerequisite:* NUR 405, 407

**NUR 445 NCLEX-RN Preparation I****0 credit**

Students prepare for the National Council Licensure Examination (NCLEX-RN) utilizing a web-based program. A self-assessment is completed and a plan of study is developed in preparation for the NCLEX-RN exam. Strategies include the use of computerized exams and software, and regularly scheduled meetings with faculty. Offered fall

*Prerequisite:* Senior status in the Nursing major

**NUR 446 NCLEX-RN Preparation II****2 credits (2.0)**

Students continue preparation for the National Council Licensure Examination (NCLEX-RN) utilizing a web-based program. Based on the assessment and plan developed in NUR 445, students implement an individualized study plan and evaluate its effectiveness. Strategies include the use of computerized exams and software, and regularly scheduled meetings with faculty. Graded Pass/Fail. Offered spring.

*Prerequisite:* Senior status in the Nursing major

**NUR 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**NUR 480 Teaching Assistantship****1–3 credits**

Qualified senior students may apply to work with faculty members as teaching assistants in 200–300 level nursing courses. The assistant has instructional responsibilities in the classroom and the Nursing Resource Laboratory, and participates with the faculty member in regular discussions concerning the course and teaching methods. Offered fall and spring.

*Prerequisite:* Senior standing and permission of Department Chair and instructor.

**NUR 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in particular topics not ordinarily offered by the Department. Each course is developed under the direction of a faculty member in the Nursing Department. May not be used to meet a major requirement. Offered spring and fall.

*Prerequisites:* NUR 332, 334, 336

## Pathway

The Pathway Program provides the foundation for the Liberal Education Program at Colby-Sawyer College. The goal of the Pathway is to introduce students to the demands and pleasures of rigorous intellectual endeavors and help them develop good habits of the mind. Each Pathway has an interdisciplinary theme that defines the First Year Seminar, the Pathway's three Stepping Stone courses, and the Sophomore Seminar. Pathway professors and peer mentors strive to help students develop their full potential and achieve the learning outcomes of the college. While each Pathway has its own theme and pursues the education goals of the college's liberal education program in its own manner, all Pathways share certain characteristic features:

- Students learn how to formulate important, illuminating questions, and then how to answer them using information drawn over time from a diversity of sources.
- The central theme is developed through multiple media approaches and with an emphasis on historical context.
- There are extensive and intensive opportunities for students to develop their skills in reading, writing and oral communication throughout the two-year curriculum.

**PTH 101 First Year Seminar****3 credits**

In the first semester of a student's study at Colby-Sawyer, the college offers a variety of First Year Pathway Seminars, which are theme-based and interdisciplinary. The goals of the first year seminar are

- to introduce students to the demands and pleasures of rigorous intellectual endeavors and to develop good habits of the mind necessary for college-level work;
- to develop students' ability to work collaboratively in a community of colearners;
- to help students appreciate the interconnectedness of knowledge from different disciplines across the breadth of human experience; and
- to help each student achieve the clarity and perspective to choose an area of concentration while gaining the tools and experience to carry out upper-level study.

Students who do not earn a passing grade in PTH 101: First Year Seminar must enroll and successfully complete another First Year Seminar as soon as one is offered. Students must also successfully complete the three Stepping Stone courses before or during the semester in which they enroll in PTH 201: Sophomore Seminar.

The First Year Seminar courses are offered fall semester. A complete list of this year's Pathway and Stepping Stone courses appears below.

**PTH 201 Sophomore Seminar** **3 credits**

The development of basic skills begun in the First Year Seminar continues and intensifies in the Sophomore Seminar. Students' ability to view material from multiple perspectives is evident in all aspects of their work as they construct and demonstrate an in-depth understanding of the Pathway theme. The Sophomore Seminar concludes with an integrated, collaborative and investigational project that culminates the Pathway learning experience. Work done in the sophomore seminar reflects students' growing ability to apply the Colby-Sawyer learning outcomes to their own educational experiences; thus, the seminar includes a written essay in which students reflect on the meaning of the learning outcomes and how they have made progress toward achieving them. Offered spring.

**PTH 380 Pathway Peer Mentor** **1-3 credits**

A Pathway peer mentor is a sophomore, junior or senior who works with a faculty member to provide new students at the college with a unique educational experience in the First Year Seminar or the Sophomore Seminar. The peer mentor will serve as a more experienced co-learner in the Pathway and provide first year or sophomore Pathway students with guidance and information to help them address their academic and social adaptation needs. May be repeated for up to a total of three credits. Offered fall and spring.

## Pathways Offered Fall 2011:

**PTH 101A The Farmer** **3 credits**

Farmers combine the necessary components of the atmosphere, geosphere, hydrosphere and biosphere and bring them to our plates. The farmer is a jack-of-all-trades, possessing an interdisciplinary skill set including skills in: animal husbandry, meteorology, soil science, business, botany and communication. Farmers have a unique relationship with the Earth and society. This Pathway strives to gain an understanding and appreciation of this relationship.

*Stepping Stone Areas:* Environmental Literacy, History, Literature, Science, Social Sciences

**PTH 101B Lost and Found: The Surprising Journey from Disorientation to Discovery** **3 credits**

Who likes to feel lost? Who likes to lose at a game or to lose their way while driving? Who likes to be dumped by a relationship partner or lose a loved one? What

did you learn from the experience? Students explore the idea of being lost, experienced by the individual, culture, society, civilization and environment. A key theme is the restorative effect that loss has on the landscape of life.

*Stepping Stone Areas:* Fine and Performing Arts; Global Perspectives, History, Humanities, Social Sciences, Wellness

**PTH 101C Future Trends—What Will They Mean to You?** **3 credits**

This course explores the concept of change in the context of major trends identified by futurists. Through discussion of each trend students are introduced to factors prompting change, elements of predictability and uncertainty in trends, and the implications of potential changes for society, culture and the individual. Classes touch upon the lifecycle of change and the challenges of implementing planned change.

*Stepping Stone Areas:* Environmental Literacy, Global Perspectives, History, Science, Social Sciences

**PTH 101D DESIRE: In Search of...** **3 credits**

This course looks at the Western and non-Western representations of human desire and the search for an ideal in order to establish the differences but also the common ground between these cultures. Students examine the ways humans sought something greater than themselves and how these attempts at transgressing their limits were conveyed in their literatures. Another overarching theme of this course will be love as intertwined with the search for an ideal.

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Literature, Social Sciences, Wellness

**PTH101E Zombies!!!** **3 credits**

This course studies the rise, fall, and rise of a distinctly American horror icon: the zombie. In studying the zombie and what it stands for, students study themselves and what it means to be human. This course tracks the zombie from its voodoo origins through its communist, feminist, consumerist, and terrorist manifestations. Students become anthropologists, historians, political scientists, sociologists, film critics, literary analysts, and even philosophers.

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Literature, Social Sciences

**PTH 101F The Rich Get Richer and the Poor Get Poorer** **3 credits**

This course explores money in American culture by looking at people who have it and don't have it, the welfare system, how money connects to status, power and privilege, and how various social institutions reproduce and pattern social class status. Students read, discuss and write about literature and popular culture that describes the realities, ideologies, and aspirations of people at various positions in the social class spectrum.

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Media Literacy, Social Sciences

**PTH 101G The Outdoorsy Type****3 credits**

The disciplines of literature, art, psychology, religion, sociology, physiology and environmental biology help explain the way people interact with nature and identify with others who rely on being outdoors as part of their persona. Motivations for belonging to this social group are examined and students broaden their understanding of how different life experiences, cultures and interests can lead to a drive to incorporate the outdoors into their lives.

*Stepping Stone Areas:* Environmental Literacy, Global Perspectives, History, Humanities, Literature, Science

**PTH 101H Mountains****3 credits**

The urge to climb high mountains leads people into dangerous situations and brings out aspects of culture, ethics, spirituality, science and history. Climbing literature includes stories of incredible heroism and amazing physiological feats and allegations of stealing critical supplies and ignoring dying climbers. Students examine these and other issues: why people climb, Himalayan cultures, the impact of commercialism of climbing, and the technical aspects of climbing.

*Stepping Stone Areas:* Environmental Literacy, Global Perspectives, Humanities, Media Literacy, Science

**PTH101I The Iditarod Dog Sled Race: Making the Team Work****3 credits**

The Iditarod dates back to 1925 when it was a race for survival against a life-threatening diphtheria outbreak in the town of Nome, Alaska. Survival depends on the teamwork of the dog sled teams and the thousands of volunteers who organize the race. This Pathway explores the race as a metaphor for teamwork in organizations. Topics include the factors that bring about effective teams, endurance, environmental issues and teamwork in government.

*Stepping Stone Areas:* Environmental Literacy; Global Perspectives, History, Science, Social Sciences, Wellness

**PTH 101J All Stressed Out: Tools for Surviving and Thriving in Stress****3 credits**

This Pathway explores how a person's thoughts, nutrition, relationships, exercise, rest and sleep affect their overall physical and emotional health. Specific healthy modalities for dealing with stress are discussed including: yoga, tai chi, meditation, energy work, nutritional counseling, art, music, dance, reflective journaling, and aromatherapy.

*Stepping Stone Areas:* Fine and Performing Arts; Humanities, Science, Social Sciences, Wellness

**PTH101K SPAM – Sports, Politics, America and the Media****3 credits**

high-stakes, winner-takes-all competition. Both institutions use terms like game plan, execution, and teamwork. This Pathway employs sports related topics to discuss larger societal issues. What is Congress' role in the policing of professional sports? Are the nation's resources being used wisely? How do the media influence our perception?

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Media Literacy, Social Sciences

**PTH 101L No, You Decide!****3 credits**

Everything we do involves a decision. What should I wear today? What college should I attend? What should I major in? Should I take a job doing something I don't enjoy just because it pays a high salary? Should I support a bill that would provide health care for everyone? This Pathway explores what forces (both rational and irrational) influence our decisions whether they are personal, global, political, or even medical.

*Stepping Stone Areas:* History, Humanities, Science, Social Sciences, Wellness

**PTH 101M Drawn Out****3 credits**

This Pathway examines the development of drawing from mark-making and ritualistic cave drawings to how drawing today has merged with twenty-first century technology. Students explore how mark-making and early pictographs developed into written language and how drawing influenced and shaped religion, art and architecture. Students focus on contemporary manifestations of the practice and how technology has affected the uses of drawing in today's culture.

*Stepping Stone Areas:* Fine and Performing Arts; Global Perspectives, History, Humanities, Media Literacy

**PTH 101N I'm Not There****3 credits**

This Pathway hopes to answer three questions: Why would someone want to change their identity? How would they go about doing this? And what are the repercussions, both intentional and unforeseen? Students look at a works of literature, memoir, art and film, examine public figures, and explore the natural world for examples of people who have gone out of their way to become someone else.

*Stepping Stone Areas:* Fine and Performing Arts; Global Perspectives, History, Literature, Science, Social Sciences

**PTH101O Dollars and Sense****3 credits**

What is money anyway? This course begins with discussing barter and then the development of money. Is money the root of all evil? The course views how money is portrayed in songs and movies. The Federal Reserve System is explored, including the causes and effects of inflation and hyperinflation. Students learn about the Crash of 1929, the Bretton Woods system, the IMF, World Bank, and WTO.

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Media Literacy, Social Sciences

**PTH 101P On Animality: Human and Animal Encounters in Philosophical Thought****3 credits**

How do humans differ from nonhuman animals? How has the separation of human and animal influenced the course of our moral, legal, political, scientific and religious structures? This course is an investigation into the animal's significance in the history of philosophical thought. This course investigates the history of the animal in the tradition of Western theory with a discussion of animal ethics and the discourse of animal rights.

*Stepping Stone Areas:* Environmental Literacy, History, Humanities, Literature, Science

**PTH 101Q Nature and the Machine****3 credits**

This course explores the multifaceted nature of the crisis facing planet Earth. Students focus their attention on the historical technological, environmental and evolutionary social factors that have played a role in the unfolding of this global crisis. By tracing the evolution of technology from fire to space weapons and analyzing major threats the planet faces, students work to come up viable long-term solutions and visions for the future.

*Stepping Stone Areas:* Environmental Literacy, Global Perspectives, History, Humanities, Science, Social Sciences

**PTH 101R Paradigm Shift****3 credits**

What we're doing isn't working. We need a paradigm shift. The world needs integrated, visionary people capable of negotiating the process of change. Students dig their hands into root means, both physical and psychological, for living healthier, more fulfilling and more sustainable lives. Students explore colleges, organizations and international movements that have emerged to respond to and shape this new paradigm.

*Stepping Stone Areas:* Humanities, Media Literacy, Science, Social Sciences, Wellness

**PTH 101S Know Your Neighbor****3 credits**

This Pathway explores the many facets and perspectives of the global neighborhood. This course views the global neighborhood geographically, historically, politically, culturally, racially and ethnically. This Pathway explores what it means to know your neighbor. Students focus on an understanding of neighbors located in North America, Central America, South America, and the Caribbean.

*Stepping Stone Areas:* Fine and Performing Arts; Global Perspectives, History, Humanities, Media Literacy

**PTH 101T Awakening the Best****3 credits**

This Pathway explores the life stories and histories of United States and world leaders and to answer the following questions: Are there certain personality traits that great leaders share? To what extent is context responsible for creating leaders? Are there anti-leader leaders, Adolf Hitler for example? Students read about and discuss the concepts of leading from the middle, servant leadership, and citizen leaders.

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Media Literacy, Social Sciences

**PTH 101U Globalizing Myself****3 credits**

While exploring the dimensions of globalization in history, society, culture and business, students learn how to accept and enjoy cultural diversity. Students gain insight and understanding that our differences are often less important than our similarities; we are all members of the human race and have similar broad life goals.

*Stepping Stone Areas:* Fine and Performing Arts; Global Perspectives, History, Humanities, Literature

**PTH 101V-HN Introduction to College Honors:****The Coming of Age Narrative****3 credits**

This interdisciplinary course is designed to introduce students in the Wesson Honors Program to the opportunities, challenges and obligations that membership in the program entails. Using selective texts from fiction and non-fiction, anthropology, and film, this course explores who and what comes of age, why, and why not. The course analyzes cultural rites of passage, separation, liminality, and reincorporation by asking what social and cultural practices invite or inhibit individuals and institutions to come of age. For Wesson Honors Program students only.

*Stepping Stone Areas:* Global Perspectives, History, Humanities, Media Literacy, Science, Social Sciences

**PTH 101W-HN Torrents of Talent—An Honors Pathway****3 credits**

Talent is often used to describe natural ability. However, talent is measured in performance ability. Talent development involves understanding the challenges and subsequent struggles that are a component of each of our lives. The first year seminar explores the challenges of people from a variety of cultural and ethnic backgrounds. For Wesson Honors Program students only.

*Stepping Stone Areas:* Environmental Literacy, Fine and Performing Arts, Science, Social Sciences, Wellness

## Philosophy

### Bachelor of Arts: Philosophy

Based in the Humanities Department, the Philosophy major gives students a broad competency in the history and practice of philosophy. It also provides advanced coursework in several areas of specialization. Philosophy fosters openness of mind, critical reasoning skills, and reading, writing and oral communication skills. These competencies are not only valuable in themselves, but contribute to possibilities for graduate study in philosophy and to careers in law, business, medicine, education or other fields.

### Major Requirements—Philosophy

Liberal Education Program requirements

PHI 100, 110 – minimum grade of C in both courses

Four additional PHI courses at the 100- or 200-level

PHI 470, 485

Four additional PHI courses at the 300- or 400-level

### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) in PHI 100, PHI 110
- A minimum C (2.00) average in all PHI courses
- Meet with a member of the full time Philosophy faculty to review course-work, GPA, professional goals, the Capstone thesis project
- Submit an electronic Philosophy major portfolio which includes one paper from a Philosophy course, to which the Capstone thesis paper will be added later

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
PTH 101	PHI 110
WRT 105	PHI 100- or 200-level Course
Math requirement	Liberal Education Course
PHI 100	Liberal Education Course
Liberal Education Course	Elective
<b>Sophomore Year</b>	
PHI 100- or 200-level Course	PTH 201
PHI 100- or 200-level Course	PHI 100- or 200-level Course
Liberal Education Course	PHI 300- or 400-level Course
Liberal Education Course	Liberal Education Course
Elective	Elective
<b>Junior Year</b>	
PHI 300-level Course	PHI 300- or 400-level Course
Liberal Education Course	PHI 485
Elective	Elective
Elective	Elective
Elective	Elective
<b>Senior Year</b>	
PHI 300- or 400-level Course	PHI 470
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

It is highly recommended, in order to gain requisite competency in the history of the discipline, that Philosophy majors interested in pursuing graduate studies in Philosophy take both courses in the Western Mind sequence (PHI 201 and 202). It is also suggested that students with a Pre-Law interest enroll in PHI 110 prior to their senior year, and set up a meeting with one of the co-chairs of Pre-Law advising. Students who are interested in business, medicine, or related fields may consider pursuing a minor in the appropriate field.

### Philosophy Minor

#### Requirements

The minor in philosophy consists of 18 credits of study, including PHI 100 and 110, and at least six 300- or 400-level philosophy credits. PHI 470 and 485 may not be used to fulfill minor requirements.

### Philosophy Course Offerings

#### PHI 100 Introduction to Philosophy

**3 credits**

This course is an introduction to aims and methods of philosophy, approached from the standpoint of Socrates' dictum, "The unexamined life is not worth living." Students study key topics from the history of philosophy, including the nature of truth, reality, and the self. The course emphasizes how philosophy contributes to the expansion of intellectual and personal horizons. Offered fall and spring.

Exploration Area: Humanities

#### PHI 110 Introduction to Logic and Critical Reasoning

**3 credits**

This course is an introduction to logic and critical thinking. Students learn how to evaluate the soundness of arguments from various contexts. Students also study the basics of propositional logic, fallacies, and deductive and inductive reasoning. The course may also examine the relation between logic and language, or the connection between reason and meaningful discourse. Offered fall or spring.

Exploration Area: Humanities

#### PHI/WST 111 Introduction to Gender Studies

**3 credits**

Gender studies is an academic response to the movement toward women's equality. This course introduces students to gender studies through the lens of philosophy, especially feminism and feminist philosophy. Students study the concept of gender and how it intersects with class, race, and sexuality. The history of feminism and the contemporary issues facing women are also emphasized. Offered fall or spring.

Exploration Area: Humanities

#### PHI 213 Foundations of Ethics

**3 credits**

Ethics is the study of how we should live. This course is divided among the study of major ethical theories, including virtue theory, deontology, and utilitarianism, consideration of how these theories can be applied to ethical questions, and the general consideration of how principled, theoretical thinking can help us understand our world. Offered fall and spring.

Exploration Area: Humanities



**PHI 214 Philosophers on Sex, Love, and Friendship** 3 credits

This course takes up philosophical investigations into the nature and value of sex, love, and friendship. Students also consider pressing social issues like the right to same-sex marriage, feminist and non-feminist appraisals of pornography, and the validity of polygamy. This course may be used to satisfy a requirement for the Women's Studies minor. Offered spring of even-numbered years.

Exploration Area: Humanities

**PHI 221 Philosophy of Art, Beauty and Feeling** 3 credits

This course introduces students to aesthetics, the philosophical study of art (broadly construed to include visual art, music, literature, etc.), beauty, and feeling. It asks: What is art? What is natural beauty? How are form and content related in an artwork? How does art relate to society? Great works from the history of philosophy as well as contemporary texts are discussed. Offered fall of even-numbered years.

Exploration Area: Humanities

**PHI 231 Western Mind I: Ancient Philosophy** 3 credits

Ancient Greece is called the cradle of Western civilization. Much of how we understand ourselves in the Western world, including our philosophy, science, and politics, has its roots in ancient Greece. In this course, students study ancient Greek philosophy, including the Presocratics (e.g., Parmenides, Heraclitus, and Pythagoras), Plato, Aristotle, Epicureanism, Stoicism, and Skepticism. Offered spring of odd-numbered years.

**PHI 232 Western Mind II: Modern Philosophy** 3 credits

With the rise of the modern science and culture, Western philosophers started asking new questions. This course is an introduction to philosophy from the 17th to 19th centuries. Students study philosophers such as Descartes, Hume, Kant, Hegel, and Nietzsche, asking questions like: What can I know? What is reality? What is history? Does God exist? Offered fall of even-numbered years.

**PHI 250, 350 Topics in Philosophy** 1–3 credits

These courses offer students in-depth study of topics in philosophy that are not part of the regularly scheduled course offerings. The topics are announced prior to registration. Offered fall and spring.

**PHI 285 Philosophy Internship** 0–3 credits

In the Philosophy internship students have the opportunity to put the skills and knowledge gained in their Philosophy courses to use in an organizational or institutional setting. Any number of organizations or institutions, from law to business to non-profits, might work as appropriate sites.

*Prerequisite:* Preinternship seminar, permission of the faculty sponsor and department chair

**PHI 295, 395, 495 Independent Study** 1–3 credits

Qualified students may develop independent study courses in philosophy. The course level depends on the course topic and the extent of student independence. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet

a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**PHI 305 Biomedical Ethics** 3 credits

This course examines fundamental ethical concepts and applies them to issues in health care and in the biological sciences. Students study major ethical theories, case studies, and contemporary arguments to develop a reflective approach to biomedical issues. Emphasis is placed on the challenges that health care professionals face in their work. Offered fall.

*Prerequisite:* Sophomore standing or above

Exploration Area: Humanities

**PHI 308 Social and Political Philosophy** 3 credits

This course is an introduction to social and political theory. Students study major figures and texts from the history of philosophy, including work by Plato, Hobbes, Marx, and others. Students analyze major concepts like power, justice, and democracy. Emphasis is placed on relating theory to social and political issues in the contemporary world. Offered fall of odd-numbered years.

*Prerequisite:* Any 100- or 200-level Philosophy course

**PHI 309 Existentialism and Phenomenology** 3 credits

This course is an introduction to existentialism and phenomenology, two major philosophical movements from 20th and 21st century continental Europe. Other related movements like deconstruction, post-structuralism, post-colonialism, feminism, and psychoanalytic philosophy may be considered. Questions asked may include: What is the meaning of freedom? What is the structure of experience? How do class, race, and gender affect us? Offered spring of even-numbered years.

*Prerequisite:* Any 100- or 200-level Philosophy course

**PHI 312 Environmental Philosophy** 3 credits

Environmental philosophy is the philosophical study of the natural world and its relation to human beings. Students study several significant areas in environmental thought, including environmental ethics, animal ethics, ecofeminism, and political ecology. Artificial and urban environments, as well as land and environmental art, may also be covered. Offered fall of even-numbered years.

*Prerequisite:* Sophomore standing or above

Exploration Area: Environmental Literacy

**PHI 470 Philosophy Capstone: Thesis Project** 3 credits

Students complete a significant thesis paper in philosophy and defend it before the full time philosophy faculty. Students develop the topic with a full time philosophy faculty advisor prior to the spring semester, and develop the project through weekly meetings with the advisor in the spring. Students also present the thesis project on Scholar's Day. (Not offered until spring 2014.)

*Prerequisite:* Philosophy Major Acceptance, senior standing, permission of full time philosophy faculty

**PHI 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**PHI 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**PHI 485 Philosophy Internship****0–12 credits**

In the Philosophy internship, students have the opportunity to put the skills and knowledge gained in their Philosophy courses to use in an organizational or institutional setting. Any number of organizations or institutions, from law to business to non-profits, might work as appropriate sites.

*Prerequisite:* Philosophy Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

## Physics

**PHY 101 Introduction to Physics I****4 credits**

The topics included in this course are classical mechanics, statics, simple machines, energy, and the properties of matter. The experimental, historical and philosophical development of a conceptual understanding of the physical world is the major goal in the course. The material is developed through student involvement in classroom activities, discussions and laboratory experiences. Offered fall.

*Prerequisite:* MAT 123 or successful completion (B- or better) of two years of high school algebra  
Exploration Area: Science

**PHY 102 Introduction to Physics II****4 credits**

In this course, the development of physical concepts continues with topics in sound, electromagnetism, light and quantum mechanics. Much of the material is developed through student involvement in classroom activities, discussions and laboratory experience. Offered spring.

*Prerequisite:* PHY 101

## Psychology

**Bachelor of Arts: Psychology**

The Social Sciences and Education Department offers a Psychology major that provides students with the background to assume a variety of positions in the human-services and mental health professions and to pursue graduate work in psychology, counseling and social work. In addition, the major represents a clear opportunity to combine personal and professional growth.

Psychology majors take introductory courses and then have the opportunity to focus their studies in a variety of areas including developmental psychology, social/personality psychology, counseling and abnormal psychology, and research design and analysis. The culmination of the senior's work is the design and implementation of an original research project in an independently selected area of psychological inquiry. Psychology majors complete a required internship in a mental health, human-services, or community setting. **The college has an affiliation agreement to assist qualified Baccalaureate degree graduates from Colby-Sawyer into Masters Degree programs at Springfield College and Plymouth State University. Information is available in the Graduate School Opportunities section of the curriculum guide.**

**Major Requirements—Psychology**

Liberal Education Program requirements

PSY 101, 202, 210, 215, 302, 304, 308, 460, 485

One developmental psychology course chosen from PSY 203, 206, or 227

Five focus courses chosen from 200-, 300-, and 400-level psychology courses; at least four of these courses must be 300- or 400-level psychology courses.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) in PSY 101
- A minimum C (2.00) average in two other psychology courses
- A Major Acceptance essay (see the Social Sciences and Education department chair for details).

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

**Suggested Registration**

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
PSY 101	PSY 202
WRT 105	PSY Dev. Course or Elective
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
Liberal Education Course	Elective
<b>Sophomore Year</b>	
PSY Dev. Course or Elective	PSY 200- or 300-level Course
Liberal Education Course	Liberal Education Course
Liberal Education Course	PSY 210
PSY 215	Math Requirement
Elective	PTH 201
<b>Junior Year</b>	
PSY 302	PSY 308
PSY 304	PSY 300- or 400-level Course
PSY 300- or 400-level Course	PSY 300- or 400-level Course
Liberal Education Course or Elective	Liberal Education Course or Elective
Elective	Liberal Education Course
<b>Senior Year</b>	
PSY 460	PSY 485
PSY 300- or 400-level Course	Elective
Liberal Education Course	Elective
Elective	Elective

**Total credits: 120 minimum**

**Psychology Minor****Requirements**

The minor in Psychology consists of 18 credits of psychology courses. PSY 101 is required and at least six of the remaining 15 credits must be at the 300 or 400 level. Please refer to the Minor Programs section of the curriculum guide for further information.

**Psychology Course Offerings****PSY 101 Introduction to Psychology** **3 credits**

This course introduces the student to the study of human behavior from cognitive, behavioral, physiological, and social/cultural perspectives across the life span. Students learn to apply this beginning knowledge to a variety of personal and professional contexts. This course also serves as a foundation for more advanced study in psychology. Offered fall and spring.

Exploration Area: Social Sciences

**PSY 202 Psychology of Personality** **3 credits**

This course introduces students to major theories of personality and the social, cultural, and psychodynamic influences on personality development. Students explore the ideas of Freud, Miller, Skinner, Rogers, Maslow and others others, and investigate what Eastern psychologies offer to an understanding of who we are. Students develop their understanding of theory through reading, discussion, and case studies. Offered fall and spring.

*Prerequisite:* PSY 101

**PSY 203 Child Psychology** **3 credits**

This course introduces the major theories, methods and research findings in child psychology. The physical, cognitive, and psychosocial development of children is examined from conception through middle childhood. Offered fall and spring.

*Prerequisite:* PSY 101

**PSY 206 Adolescence** **3 credits**

This course examines the processes of adolescent development. It examines physical, cognitive, and socio-emotional development in the contexts of peers, families, school and culture. Topics covered include: identity, peer relationships, gender, vocation, morality, alternative life styles, and problems of adolescence. Offered spring.

*Prerequisite:* PSY 101

**PSY 210 Learning and Cognition** **3 credits**

This course introduces students to a variety of topics within the field of cognition by exploring how the mind extracts information from the environment (attention & perception), stores it for later use (learning & memory), and then retrieves it when it becomes useful (language, problem solving, decision making). Offered spring.

*Prerequisite:* PSY 101

**PSY 214 Human Sexuality** **3 credits**

This course provides students with an introduction to a variety of topics related to human sexuality, including the cultural and personal aspects of human sexuality across the life cycle, sexual diversity, attitudes and myths about sex and sexuality, and the creation and dissolution of relationships. Offered spring.

Exploration Area: Wellness

**PSY 215 Biological Psychology** **3 credits**

Psychology is the scientific study of behavior and mental processes. Biological psychology takes a biological approach to understanding behavior. This course introduces students to the methods biological psychologists employ to investigate the biological underpinnings of behavior. It explores what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders. Offered fall.

*Prerequisite:* PSY 101

**PSY 221 Cross-cultural Psychology****3 credits**

Cross-cultural psychology considers the effects of culture on the nature and behavior of individuals, their adaptations to institutions and environment, and their relations with others within and outside their culture. The primary objective of this course is to provide students with both a theoretical and practical understanding of the effects of culture on human thinking, values, and behavior. The purpose of this comparative approach to psychology is to emphasize that the Western view of psychology should not be taken as the norm. Offered fall and spring.

Exploration Area: Global Perspectives

**PSY 227 Adult Psychology****3 credits**

This course provides an overview of physical, cognitive, personality, and social development across the adult life span, starting from high school graduation through death. Students examine how individuals progress through a series of predictable stages during their lifetime, how they cope with the challenges of each stage, and whether aging should be viewed pessimistically as a series of losses or optimistically as increasing gains in wisdom and experience. Offered fall.

*Prerequisite:* PSY 101

**PSY 240 Life Span Development****3 credits**

This course explores the fascinating journey of the individual from birth to death. Students trace individual physical, cognitive, and socioemotional development chronologically, exploring the issues pertaining to each stage. This course helps all students better understand others and gain some insight into their own history. It is particularly designed to help future nurses, teachers, and mental-health professionals who are responsible, in some way, for the care of others. Offered fall.

*Prerequisite:* PSY 101

**PSY 250, 350, 450 Topics in Psychology****1–3 credits**

Students are offered the opportunity to study in depth a particular topic in psychology that is not part of the regularly scheduled course offerings. The topics for each semester are announced before registration.

*Prerequisite:* For PSY 250: one 100-level PSY course; For PSY 350: one 200-level PSY course; For PSY 450: one 300-level PSY course

**PSY 285 Psychology Internship****0–3 credits**

Qualified sophomores, juniors, and seniors may arrange internships related to psychology with a member of the Psychology faculty. Internships may be arranged in various agencies such as mental hospitals, human-service agencies, courts, treatment centers, and other agencies that provide psychological services.

*Prerequisites:* Completion of two 200-level psychology courses, the pre-internship seminar, and sophomore standing

**PSY 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among the levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectation. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the department

**PSY 302 Statistical Methods for Psychology****3 credits**

This course introduces students to the application of statistics to the research process in psychology. Statistics are used to describe and to critically evaluate information. This course introduces two branches of statistics: descriptive and inferential. Students will learn about central tendency, variability, z-scores, correlation, linear regression, probability, parametric tests such as z-test, and t-tests. Offered fall.

*Prerequisite:* PSY 101 or SOC 101 and junior standing recommended

**PSY 303 Psychological Aspects of Sport****3 credits**

This course is designed to examine and apply the psychological effects of sports on human behavior. This is accomplished by investigations of various concepts and theories which analyze sports, exercise, and physical activity. Topics of discussion include: anxiety, arousal, attention, personality structures, motivation, and intervention strategies. Offered fall.

*Prerequisite:* PSY 101 or ESS 101

**PSY 304 Experimental Social Psychology****4 credits**

This course will introduce students to theories and research about many topics that are important in their everyday lives. Throughout the course, students will explore the theme of the interplay between people and their environment. Topics examined through discussion, and readings include attraction and intimate relationships, conformity, persuasion, and reasons for aggressive behavior. The laboratory portion of the course will be devoted primarily to the design, implementation and write-up of social psychology experiments. Offered fall.

*Prerequisite:* PSY 101 or SOC 101 and junior standing

**PSY 306 Abnormal Psychology****3 credits**

This course provides an exploration of the causes and characteristics of the various categories of psychological abnormality. The multiperspective approach includes the major viewpoints on mental and emotional disorder, including the cognitive, neuropsychological, interpersonal, and existential perspectives. Students apply class room learning in case studies and grapple with some of the current and perennial issues pertaining to abnormal psychology. Offered fall.

*Prerequisite:* PSY 202

**PSY 308 Research Methods in Psychology****3 credits**

This course provides students with a detailed understanding of experimental, observational, and survey research methods. Emphasis is placed on framing research questions, defining variables and rendering them operational, sampling, assuring internal and external validity, and drawing appropriate conclusions. Students design original research projects. Offered spring.

*Prerequisite:* PSY 302

**PSY 310 Theories of Counseling****3 credits**

This course introduces students to the field of counseling psychology and provides an overview of the major theories of counseling. Students learn about psychological theory—psychodynamic, cognitive-behavioral, humanistic, transpersonal, and systemic—serves as the foundation of counseling and the ways in which counseling goals and methods emerge from these theories. The course includes a practical component and addresses the major ethical concerns in the field of counseling. Offered spring.

*Prerequisites:* PSY 101 and one 200-level psychology course

**PSY 316 Health Psychology****3 credits**

This course focuses on the field of health psychology, which seeks to identify the psychological influences on health, health-related behaviors, illness, and coping strategies. Students examine the etiology and correlates of health, illness, and dysfunction. Topics include health-enhancing and health-compromising behaviors, modifying health habits, using health services, patient-provider relations, pain, and chronic and terminal illnesses. Students explore research in health psychology as well as develop personal health behavior modification programs. Offered spring.

*Prerequisites:* PSY 101 and one 200-level Psychology course

**PSY 318 Fundamentals of Helping Interaction****3 credits**

Students explore the art and science of relating to others with sensitivity, objectivity, empathy and genuineness. The course addresses the nature of helping, attributes of skillful helpers, and the special dimensions and dynamics of the therapeutic relationship. Students develop skills in listening, reflecting, responding and problem solving. Students also gain an understanding of the many ethical issues involved in the helping professions. This course is intended for students preparing for internships and careers the field of psychology as well as those in nursing and teaching. Offered fall.

*Prerequisites:* PSY 202 or a developmental PSY course, and junior standing

**PSY/CHI 320 Children at Risk****3 credits**

This course examines the factors associated with risk and resilience among children from various backgrounds. Topics vary from term to term but the focus is on examining current national and international examples of children and families at risk and the role of culturally sensitive approaches in understanding methods of intervention and prevention. Offered spring.

*Prerequisites:* CHI 205 or PSY 200-level course

**PSY 354 Psychology and Law****3 credits**

This course introduces students to the role of psychology in the legal system. Students examine and evaluate the assumptions made by the legal system about psychological and scientific issues. Students seek to understand how the legal system actually works, not how the law assumes that it works. This course examines the complex relationships between psychology and the law, explores the many roles of psychologists in the legal system, and provides insight into the past and anticipated future of this dynamic interdisciplinary field. Offered spring.

*Prerequisites:* PSY 200-level course and junior standing

**PSY 369 Drugs and Behavior****3 credits**

This course is an introduction to the study of drug use, misuse, abuse and dependence. The focus is on both the medicinal and recreational uses of various classes of both licit and illicit drugs. Topics range from the history of drug use to the neurochemical actions of drugs and to the consequences of their use for society. Offered fall.

*Prerequisite:* PSY 101

**PSY 401 Cognitive and Language****Development in Young Children****3 credits**

This course is an introduction to such cognitive processes as thinking and reasoning, concept formation, problem solving, skill and performance, memory, and creativity. Also examined are basic linguistic and psycholinguistic concepts, theories of language acquisition, empirical studies of language development from birth to age eight, and language development as a function of social class and cultural differences. Offered spring.

*Prerequisite:* PSY 203, 206, or 240

**PSY 404 Social and Personality****Development of the Young Child****3 credits**

This course explores social and personality development from birth to adolescence. Emphasis is placed on understanding the emergence of social behavior from the biopsychosocial context of family and community in infancy to the emergence of more complex forms of social behavior with peers, families and others in childhood. Topics to be covered include temperament, attachment, emotion regulation, positive and negative peer relationships and moral development, play, the development of self, and gender role development. Classic and current theories of social development will be covered with special emphasis on the biological basis of social behavior. Offered fall.

*Prerequisites:* PSY 203 and junior or senior status

**PSY 460 Advanced Research Seminar (Capstone)****3 credits**

In this course, students design, carry out, and present the results of original research projects on topics of particular interest to them. Emphasis is placed on choosing methodologies, simple and complex designs, multivariate analysis, interpretation of results, and ethical considerations in psychological research. Students must complete this Capstone experience at Colby-Sawyer College. Offered fall.

*Prerequisites:* PSY 302 and PSY 308

**PSY 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**PSY 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of department chair and instructor

**PSY 485 Psychology Internship and****Professional Development Seminar****6–12 credits**

Students in this course work in social-service agencies or other appropriate settings. Placements include, but are not limited to, community mental-health centers, government agencies, rehabilitation centers, counseling centers, school systems, and other agencies in which students are able to exercise helping skills and put their knowledge of psychology into practice. *Internships include a weekly seminar with the course instructor in which students explore the process of helping, ethical practice, and other issues pertaining to professional development.* Graded Pass/Fail. Offered spring.

*Prerequisites:* Psychology Major Acceptance, preinternship seminar permission of the faculty sponsor and department chair

## Religious Studies

**REL 100 The Meaning of Life:****Introduction to Religious Studies****3 credits**

This course is an introduction to the study of ancient and contemporary religions, centered on the question, what is the meaning of life? Through the analysis of key texts in several traditions, students investigate deeply held human values and their expression in religion. Emphasis is placed on making the traditions meaningful, regardless of a student's religious commitments. Offered fall and spring.

Exploration Area: Humanities

**REL 206 The Meaning of Death****3 credits**

In this course, students are introduced to how various religious traditions have responded to death. Is life worth living if death is its outcome? If God exists and is good, why do death, evil, and suffering exist? Is there an afterlife? Emphasis is placed on the close reading of texts and their application to contemporary life. Offered fall of even-numbered years.

Exploration Area: Humanities

**REL 234 Myth and Folklore****3 credits**

This course introduces students to mythology and folklore from a variety of cultures and epochs. Myths and folk tales not only serve as explanations for natural phenomena; they also create foundations for spiritual discovery. Students study ancient and modern stories and attempt to describe the role that myth plays in people's lives. Offered spring of odd-numbered years.

Exploration Area: Humanities

**REL 237 Comparative Religion****3 credits**

This course explores two or more religious traditions in significant depth. The goal is to delve more deeply into the ideas and practices of the religions than is possible in REL 100: The Meaning of Life. Emphasis is placed on the interpretation of texts, and on making the traditions meaningful, regardless of a student's religious commitments. Offered fall of odd-numbered years.

Exploration Area: Humanities

**REL 250, 350 Topics in Religion****1-3 credits**

These courses offer students in-depth study of topics in religion that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**REL 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in religious studies. The distinction among course levels depends on the course topic and the extent of student independence. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the humanities department chair

## Science

**SCI 107, 109, 111, 113 Science Seminar****1 credit**

The Natural Sciences Department provides a program of speakers and presentations that focus on topics in science. A set of different topics are presented each year. Seminars are open to the public. Students receive one credit hour for attendance at 80 percent of the semester's talks and are required to produce several short writing assignments. Students make take consecutive seminars (with a different number) for credit. Graded Pass/Fail. Offered fall.

**SCI 112 Introduction to Astronomy****4 credits**

This laboratory course provides a hands-on introduction to astronomy. Students take an historical perspective, noting major theoretical developments in astronomy such as the work of Galileo, Kepler, Newton, Einstein, Hubble, and Hawking, and also a practical perspective, discussing the exploration of space by satellites, shuttles, and telescopes. Laboratory work involves computer demonstrations and night sky observations. Offered spring.

Exploration Area: Science

**SCI 130 Earth Science****4 credits**

This course focuses on fundamentals of earth science, which include geology, meteorology, oceanography and astronomy. In addition to developing a basic comprehension of our physical environment, students study potential responses to hazards in the natural environment. Extensive use is made of audiovisual materials and laboratory activities. Offered fall and spring.

Exploration Area: Science

**SCI 140 Science from Stone Age to Space Age****4 credits**

Students ponder the questions that humans have asked about the world since the dawn of civilization. Focus is on how the questions were asked, how they were answered, and how those answers changed. The course examines how the process of science paralleled other developments in society. During labs, students replicate some simple observations that led to major discoveries. Offered fall of odd-numbered years.

Exploration Area: Science

**SCI 201 Nutrition****3 credits**

This course introduces the principles of nutritional sciences as related to health promotion and disease prevention. Topics are selected from established areas of normal and therapeutic nutrition and include issues of contemporary interest and concern. The course offers a framework for the student to understand the potential role of nutrition in health and disease by providing an overview of the biological significance of food and nutrition. Offered fall and spring.

Exploration Area: Wellness

**SCI 200-level Introduction to Physical Geology  
(under development)****4 credits**

In this course students gain an understanding of the forces that shaped rocks, the types of rocks on earth's surface and human impact on geology. Students are exposed to the physical and chemical properties of soils and their relative impact on the overlying biology. Students also learn about specific events such as volcanoes and features like glaciers and deserts. Offered fall of even-numbered years.

Exploration Area: Science

## Sociology

### Bachelor of Arts: Sociology

The sociology major complements and strengthens the introduction to the liberal arts our students receive. Majors acquire a broad exposure to the discipline of sociology through required courses addressing social theory, research methods (both qualitative and quantitative), data analysis, and a variety of substantive topics. Classes include both macro and micro sociological approaches and important components of the program include the study of cultural diversity, the influences of culture and social structure, and the pervasiveness and causes of social inequality. All students complete a capstone project that takes the form of an empirical study or a theoretical research paper. A 0-12 credit internship also is required. The major includes opportunities for service learning and students have the option of enrolling in the Washington Internship Institute for an internship. **Information on pre-law studies is available in the Additional Curricular Opportunities section of the Curriculum guide.**

#### Major Requirements—Sociology

Liberal Education Program requirements

SOC 101, SOC 216, SOC 300-level Research Methods in Sociology (under development), PSY 302, SOC 400-level Capstone (under development), SOC 485

Five additional courses (at least three at the 300-level) chosen from the following: SOC 203, 250, 302, 303, 304, 305, 307; SOC 313, 318, 350; PHI/WST111; PSY 304.

#### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum C (2.00) average in SOC 101 and a 200-level sociology course
- A Major Acceptance essay (see the Social Sciences and Education department chair for details)

When applying for major acceptance students must follow the major acceptance requirements listed in the Curriculum guide for the year in which they apply. Once major acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the Curriculum guide of the year they complete major acceptance.

#### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	SOC 200-level
SOC 101	Math Requirement
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
Elective	Elective

**Suggested Registration** (continued)

Fall	Spring
<b>Sophomore Year</b>	
SOC Course	SOC 216
SOC Course	PTH 201
Liberal Education Course	Liberal Education Course
Liberal Education Course	Liberal Education Course
Elective	Liberal Education Course
<b>Junior Year</b>	
SOC 300-level	SOC 300-level
SOC 300-level (Statistics)	SOC 300-level (Research Methods)
Elective	Elective
Elective	Elective
Elective	Elective
<b>Senior Year</b>	
SOC 400-level (Capstone)	SOC 485
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

**Total credits: 120 minimum**

**Sociology Minor**

The Social Sciences and Education Department offers a minor in sociology that allows students to study the role that the broader social context has on human experience. Following an introductory course, students choose from a variety of topical courses with a sociological theme. Please refer to the Minor Programs section of the curriculum guide for further information.

**Requirements**

The minor in sociology consists of 18 credits that include SOC 101 and five other courses chosen from SOC 203, 216, 250, 302, 303, 304, 305, 307, 313, 318, 350, 450; PSY 304; PHI/WST 111. Of the six courses, two must be at the 300 or 400 levels and at least four must be in sociology.

**Sociology Course Offerings****SOC 101 Individual and Community****3 credits**

This course explores the interrelationship between individual experience and the broader social context. Students obtain an understanding of the effect of societal institutions on individual behavior, through an analysis of familiar social phenomena such as the group, culture, work and family. A core component is the effect of social class, race/ethnicity and gender on life experience and opportunity. Offered fall and spring.

Exploration Area: Social Sciences

**SOC 203 Sociology of the Family****3 credits**

This course focuses on the structure of the American family and how this structure is changing as society changes. Cross-cultural and historical approaches to the family are covered early in the course. A major goal is the understanding of systems of sexual behavior, mate selection, marital roles, parenting and child rearing. The course also deals with a number of family problems, such as domestic violence and divorce. Offered fall and spring.

*Prerequisite:* SOC 101

**SOC 216 Social Theory****3 credits**

This course offers students an introduction to both classical and contemporary sociological theory. A major goal of the course will be to examine how Western oriented theories contrast with multicultural approaches to examining the social world. Offered spring.

*Prerequisite:* SOC 101

**SOC 250, 350, 450 Topics in Sociology****1–3 credits**

These courses offer students in-depth study of topics in sociology that are not part of the regularly scheduled course offerings. The topics are announced before registration.

*Prerequisites:* For SOC 250: one 100-level SOC course

For SOC 350: one 200-level SOC course

For SOC 450: one 300-level SOC course

**SOC 295, 395, 495 Independent Study****1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**SOC 302 Genocide: A Comparative Study****3 credits**

This course explores cases of genocide, the intentional killing of a social group, in most cases by the government of a nation-state. The major goal is to understand the reasons why genocide occurs in order to understand how to prevent its occurrence. Relying on the contributions of sociology, psychology, history, literature, and film, the class explores such examples as the Nazi Holocaust, the Armenian genocide of WWI, the slaughter of Cambodians by the Khmer Rouge, and the recent genocide of Tutsis in Rwanda and the slaughter of Muslims in Bosnia. Offered fall of odd-numbered years.

*Prerequisite:* SOC 101 or PSY 101 or one HIS course



**SOC 303 Sociological Aspects of Sport****3 credits**

This course acquaints students with the nature of sport as a reflector and transmitter of values as well as with a number of issues raised by the nature of sport in our society. Topics include: sport and mass media, violence in sports, deviant behavior and sport, the black athlete, women in sport, and the attitudinal components of sport participation. Offered spring.

*Prerequisite:* SOC 101 or ESS 101

**SOC 304 Race and Ethnic Relations****3 credits**

This course emphasizes the nature of dominant and minority relations. The class focuses on the nature of assimilation and pluralism as well as discusses theories of prejudice and discrimination. Current American and international topics are discussed. Offered fall and spring.

*Prerequisite:* SOC 101

**SOC/ENV 305 Communities and Environment****3 credits**

This course examines how social organizations and structures such as the distribution of power and the construction of meaning shape and are shaped by what we call nature or the environment. Students seek to understand the interactions between environmental issues and social processes such as culture, community and social inequality, and how that influences our approaches to global as well as local social and environmental problems in sustainable and fair ways. Offered fall of even-numbered years.

*Prerequisite:* SOC 101

**SOC 307 Aging: Social Forces in Later Life****3 credits**

This course examines the aging process from age 50 to 100. The course includes aspects of the physiological, psychological, and sociological aging process. Also, the course will focus on the American health care system and its effect on older adults. Offered fall.

*Prerequisite:* SOC 101

**SOC 313 Domestic Violence****3 credits**

This course uses an interdisciplinary approach to study the incidence, causes, societal responses, prevention, and impact on victims of different types of family violence. The course covers various forms of child abuse, dating violence, marital violence, abuse of the elderly, and violence in gay relationships. Historical and cross-cultural materials are also covered. This course may be used to satisfy a requirement for the Women's Studies minor. Offered spring of even-numbered years.

*Prerequisites:* SOC 101 or PSY 101

**SOC 318 International Sociology****3 credits**

This course studies societal institutions in non-western countries. The course objective is to gain knowledge of these countries and evaluate ethnocentric concepts of travel, education, living conditions, economies, family structures, religious practices, and value systems. Offered spring.

*Prerequisite:* SOC 101

**SOC/PSY 300-level Statistical Methods for Sociology****(under development)****3 credits**

This course introduces students to the application of statistics to the research process in Sociology. Statistics are used to describe and to critically evaluate information. This course introduces two branches of statistics: descriptive and inferential. Students learn about central tendency, variability, z-scores, correlation, linear regression, probability, parametric tests such as z-test, and t-tests, and non-parametric tests such as chi-square. Offered fall.

*Prerequisites:* SOC 101 and junior standing recommended

**SOC/PSY 300-level Research Methods in Sociology****(under development)****3 credits**

This course provides a broad exposure to the variety of quantitative and qualitative research methods used in sociology. Students become familiar with issues related to measurement and data processing. The emphasis is on research design. Offered spring.

*Prerequisites:* SOC 101 and junior standing recommended

**SOC/PSY 400-level Advanced Seminar (Capstone)****(under development)****3 credits**

This course involves a semester of directed research in which students carry out either an original empirical study or write a theoretical paper. Students work with a faculty sponsor and present their research to the college community at a spring symposium. Offered fall.

*Prerequisites:* 300-level Research Methods (under development)

**SOC 478 Research Assistantship****1–3 credits**

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**SOC 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**SOC 485 Sociology Internship****0–12 credits**

Through this 120 hour minimum internship students gain professional experience by applying skills learned in their sociology class work. Students may choose from a variety of internship options including community and government agencies, the criminal justice system, non-profits, or others that will assist entry into a professional career.

*Prerequisites:* Sociology Major Acceptance, Junior standing or above, pre-internship seminar, permission of faculty sponsor and department chair.

## Theatre

Theatre is an integral part of the mission of the Fine and Performing Arts Department, which annually sponsors two theatrical productions. A course in Theatre Appreciation fulfills the Exploration Area requirement for Fine and Performing Arts, and additional courses allow students to study stagecraft, acting, and directing. Two courses in Theatre and Performing Arts History are also offered.

### Theatre Course Offerings

#### **THE 102 Theatre Appreciation** **3 credits**

The literature and craft of theatre is explored through the major genres of performance: tragedy, comedy, variety/circus, ritual theatre, realism, avant-garde performance, musicals and children's theatre. Theatre and dramatic literature are investigated through play readings, historical study, theatre attendance, written responses and group presentations. Students gain an appreciation of theatre as art, literature and entertainment. Offered fall.

Exploration Area: Fine and Performing Arts

#### **THE 140 Acting Studio I** **3 credits**

Beginning with a foundation in voice and body techniques, this class is a survey of the major methodologies of acting including realism, *commedia del arte*, improvisation and non-narrative devising. Students are expected to design and lead studio sessions based on their research into major artists and acting methods. Offered fall.

Exploration Area: Fine and Performing Arts

#### **THE 201 20th-century Performing Arts History** **3 credits**

This course examines the different performing disciplines which have contributed to 20th-century theatre. Through readings and embodied exercises, students investigate performance modes such as modern dance, mime, opera, stand-up comedy, educational and children's theatre, performance art, and street theatre. The class simultaneously explores business models for 20th-century performance, including touring and commercial theatre, community-based regional models, and non-profit initiatives. Offered spring of odd-numbered years.

Exploration Area: Fine and Performing Arts

#### **THE 202 Theatre History** **3 credits**

In this research methods course students survey different approaches to the historiography of performance - the writing of history - and strategies for investigating temporal events. Close attention is paid to the nature and credibility of sources surrounding live performance. In case studies, students examine plays and theatrical events which impacted the cultural and political climate. Offered spring of even-numbered years.

Exploration Area: Fine and Performing Arts

#### **THE/ART 226 Integrated Arts Performance Studies and Theory I** **3 credits**

Students are introduced to concepts, approaches and theories relevant in emerging media and technology. Students explore and create a type of art, which is in the forefront of contemporary work. Students from different disciplines in the arts (music, dance, theatre, graphic design, and studio art and art history) work together becoming aware of each other's materials and craft while creating a collaborative work. Offered spring.

#### **THE 230 Stagecraft I** **3 credits**

Designed to provide students with a working knowledge of the artistic and technical skills essential to theatre production, this course introduces the tools and hardware necessary for the execution of scenery, properties, sound effects, and lighting. It combines lecture and laboratory work and requires backstage participation in college productions. Students are required to learn and follow appropriate safety protocols for the studio and stage. Offered fall and spring.

Exploration Area: Fine and Performing Arts

#### **THE 240 Acting Studio II** **3 credits**

A continuation of THE 140, this course develops the actor's range of skills in traditional staging, through advanced vocal, physical, and character work as well as presentational acting and performance art. Students at this level augment their knowledge of major theatrical styles by developing a studio response informed by secondary readings about a core play from the syllabus. Offered fall.

*Prerequisite:* THE 140

#### **THE 260 Directing and Stage Management I** **3 credits**

Students learn the fundamental skills of the director and stage manager. Course readings on the history and evolution of stage direction complement practical skills including play selection, dramaturgy, blocking, technical notation, casting and rehearsal organization. Students serve as assistant directors and stage managers for the college sponsored productions in the Sawyer Theatre. Offered fall and spring.

Exploration Area: Fine and Performing Arts

#### **THE 295, 395, 495 Independent Study** **1–3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**THE/ART 319 Lighting and Color Theory****3 credits**

This course provides an intensive exploration of color theory, additive and subtractive processes, and other concepts essential to the visual literacy of the advanced studio artist and designer. The course utilizes studio work, theater lighting practice, presentations and readings. Offered fall of even-numbered years.

*Prerequisite:* 200 level art or theatre class

**THE 330 Stagecraft II****3 credits**

This course introduces the intermediate fundamentals of theatrical scenery and lighting, exploring color theory, design for diverse types of productions, and the director-designer relationship. Students become familiar with architectural aspects of the stage and types of scenery and lighting, expanding their working knowledge of materials, tools, and technical skills. Students learn by doing, participating on the tech crew for at least two Sawyer Center productions, and they are required to follow appropriate safety protocols. Offered fall and spring.

*Prerequisite:* THE 230

**THE 340 Acting Studio III****3 credits**

Continuing their work in THE 240, students at this level examine actor training techniques from experimental theatre and comic performance. Through readings and student-led studio responses, students explore solo performance, non-narrative devising techniques, commedia del arte, and mask work. Offered fall.

*Prerequisite:* THE 240

**THE 360 Directing and Stage Management II****3 credits**

This course work builds upon skills gained in THE 260 and expands students' knowledge of directing styles and management techniques. Students work as assistants to the director for the semester's main theatrical production in the Sawyer Theater. The final project require directing a one-act play and creating a regie-buch for a full production. Offered fall and spring.

*Prerequisite:* THE 260

**THE 430 Advanced Stagecraft****3 credits**

Students study the principles of design, the development of a design concept, script analysis from the designer's perspective, collaborative work, and the working parameters present in a theater. This course is suited for students who have experience working in the theater or those who want to apply design skills in other areas, particularly sculpture and painting, to theater. Offered fall and spring

*Prerequisite:* THE 330

**THE 440 Acting Studio IV****3 credits**

Continuing their work in THE 340, students explore non-traditional acting methodologies, including site-specific performance and multi-media collaborations. Students choose a stylistic area of concentration as the basis for an individual project to be presented on campus at the end of the semester. Offered fall.

*Prerequisite:* THE 340

**THE 480 Teaching Assistantship****1–3 credits**

Qualified junior and senior students may apply to work with faculty members as teaching assistants in 100- and 200-level courses. The assistant has instructional responsibilities in the class and participates with the faculty member in regular discussions concerning the course and teaching methodology. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

## Washington Internship Institute (WII) Affiliation Colby-Sawyer College in Washington, D.C.

The Washington Internship Institute (WII) is an educational non-profit organization that provides college students from both the U.S. and abroad with internships in Washington, D.C. Colby-Sawyer College in Washington, D.C. WII program delivers a combination of experiential learning principles and academic rigor resulting in a semester that is challenging and actively engages students in their communities. Our affiliation with WII will allow students to remain enrolled at Colby-Sawyer, to carry their financial aid with them for the semester away and the credits earned will appear as Colby-Sawyer College credits.

Colby-Sawyer students initially apply for this program through the Harrington Center for Career and Academic Advising and upon approval can apply to three different programs.

The **Capital Experience** internship program welcomes all majors and allows students the widest latitude in choosing the internship that best fits their academic and career interests. An elective class: Inside Washington: Players, Politics, and Policy, complements their internship and makes Washington, DC their classroom.

The **Embassy Scholars** internship program gives students an opportunity such as: interning and doing substantive work at a host of international organizations, including foreign embassies, nonprofit organizations and the State Department, while taking a practical International Relations course from a retired U.S. diplomat with extensive academic experience. This is a highly selective academic internship program and requires a minimum 3.00/4.00 GPA.

The **Go Green!** program gives students an opportunity to intern and do meaningful work for entities focusing on environmental issues such as the Environmental Protection Agency and World Wildlife Fund. All **Go Green!** students take the course: Building Environmental Policy. This class examines how U.S. environmental policy is made, who and what influences policy, and the scope and breadth of the policies.

## Curriculum:

**Internship:** **6–12 credits**  
Students work 4 days per week at their individually determined internship (32 hours). Credits earned depends on the student's major. *Required—graded by WII faculty*

**Experiential Education Seminar:** **3 credits**  
Provides a context for discussion, reflection and understanding of the internship experience related to their major and other courses. *Required—graded by WII faculty*

**Elective Seminar:** **3 credits**  
Related to student's major. Weekly readings and written assignments are required. A final "Issues Brief" or research paper is required. This seminar may meet a Colby-Sawyer elective or a major or minor requirement depending on the program. *Required—graded by WII faculty*

**Optional Independent Research Project:** **3 credits**  
This is designed by Colby-Sawyer and supervised by a WII faculty member while the student is in residence at WII.

### Program Requirements for admission

- Students are juniors or seniors in good academic standing with a 2.80 minimum GPA at time of application
- Sophomores with excellent faculty references may apply
- There is a rolling admissions policy, but students are given 'suggested' dates. For fall that is July 1st; spring is December 1st. The program operates in a fall and spring semester that is relatively similar to our own. All internship deadlines for Colby-Sawyer are in effect for WII applicants.

## Course Offerings

**WII/HIS 230/330 Making History: Monuments and Museums** **3 credits**  
Museums and monuments make history and attempt to shape the present by telling stories not only about the past but about the nature and identity of the nation and its people. After reading classic works about public history, students visit museums and monuments to analyze and write about how they shape and construct our understanding of the past and ourselves as a people. The 200-level course will investigate the production of patriotism. The 300-level course will focus on exploring the myths of public history. Taken at the 300-level, this course will fulfill a major elective requirement for the History, Society and Culture major. Offered fall and spring.

Exploration Area: History (only WII/HIS 230)

## Women's Studies

### Women's Studies Minor

The minor in women's studies is founded upon a strong theoretical base that the student encounters in the introductory course PHI/WST 111. The sequence of required courses is designed to foster critical thinking by encouraging informed examination of the student's own life.

### Requirements

The minor in women's studies consists of 18 credits in women's studies including PHI 111/WST 111, and at least six credits of 300- or 400-level women's studies courses. The courses ESS/WST 309, SOC 203, and SOC 313 may be taken to satisfy a minor requirement (at the 200- or 300-level respectively). Please refer to the Minor Programs section of the curriculum guide for further information.

### Women's Studies Course Offerings

**WST/PHI 111 Introduction to Gender Studies** **3 credits**

Gender studies is an academic response to the movement toward women's equality. This course introduces students to gender studies through the lens of philosophy, especially feminism and feminist philosophy. Students study the concept of gender and how it intersects with class, race, and sexuality. The history of feminism and the contemporary issues facing women are also emphasized. Offered fall or spring.

Exploration Area: Humanities

**WST/COM 243 Women in Film** **3 credits**

This course examines the images and roles of women in representative films from the silent era to the present. While the course includes films made by both men and women, the creative activity of women in the film industry (as directors, producers, writers, editors and actresses) is of special concern. Social, cultural and feminist perspectives of the films are considered. Offered spring of odd-numbered years.

Exploration Area: Media Literacy

**WST 250, 350 Topics in Women's Studies** **1–3 credits**

These courses offer students study in-depth of topics in women's studies, such as psychology of gender, gender and art, gender and science, gender and the historian, and gender and management, that are not part of the regularly scheduled course offerings. Topics are announced before registration. Offered fall and spring.

**WST 295, 395, 495 Independent Study****3 credits**

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**WST/ESS 309 Gender and Sport****3 credits**

This course examines gender issues in sport. Topics to be covered include political, economical, historical, psychological, and physiological perspectives, as well as sociological constructs concerning gender issues. This course may be used to satisfy a 300-level course requirement for the Women's Studies minor. Offered fall of odd-numbered years.

*Prerequisite:* ESS 101 or Social Sciences Exploration Area course

**WST/ENG 331 Images of Women in Literature****3 credits**

This course examines the various ways women have written the text of their lives within the genres available to them and within the context of the cultures they have inhabited. Writers studied include Zora Neale Hurston, Toni Morrison, Tillie Olsen, Adrienne Rich, Virginia Woolf, Arundhati Roy, and Margaret Atwood, as well as feminist literary critics and theorists. Offered fall of odd-numbered years.

*Prerequisite:* One 200-level literature course

**WST/COM 360 Gender and Media****3 credits**

This course considers relationships among popular culture, mass media, gender, race, class, and sexuality. Students learn reading strategies, analytical tools, and theoretical models for better understanding the role communication media play in our gendered selves. Offered spring of even-numbered years.

*Prerequisite:* COM 203 or PHI/WST 111

## Writing

### Bachelor of Arts: Creative Writing

The Humanities Department offers a major in Creative Writing which prepares students to publish their writings, to continue to study writing and literature in graduate school, to use creative writing and literature as tools to understand themselves and their world, and to enter professions that require excellent communications skills. This major is composed of liberal education courses, courses in English, and courses in Creative Writing, roughly following the traditional formula for undergraduate majors in the liberal arts with a third of the courses in liberal

education, a third of the courses in the major, and a third of the courses as electives. The members of the writing faculty encourage students to explore disciplines and subject areas beyond English and Creative Writing.

### Major Requirements—Creative Writing

ENG 160

Four 200-level literature courses from the following:

Two genre courses chosen from: ENG 213, 244, 251

Two survey courses chosen from: ENG 221, 222, 231, 232, 248, 249

Four 300-level literature courses from: AME 305; ENG 317, 324, 331, 333, 335, 338, 339 or 350

WRT 201, 208, 301, 302, 311, 420 (3 credits), 485

### Major Acceptance Requirements

- A minimum cumulative GPA of C (2.00)
- A minimum of C (2.00) average in ENG 160 and one 200-level creative writing course
- Meet with a member of the creative writing faculty to review course work, GPA and professional goals
- Submit an electronic Creative Writing portfolio that will include an essay from WRT 105, the final reflective essay from ENG 160, and material from a 200-level creative writing course of the student's choosing. The portfolio must include the Major Acceptance application that lists grades, courses taken in the major, overall GPA and faculty recommendation.
- Submit a letter to introduce the portfolio explaining the reasons for wanting to major in Creative Writing.

When applying for Major Acceptance students must follow the Major Acceptance requirements listed in the curriculum guide for the year in which they apply. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as they are listed in the curriculum guide of the year they complete Major Acceptance.

### Suggested Registration

<i>Fall</i>	<i>Spring</i>
<b>First Year</b>	
WRT 105	WRT 201
ENG 160	ENG 200-level Genre Course
Math Requirement	ENG 200-level Survey Course
PTH 101	Liberal Education Course
Liberal Education Course	Liberal Education Course
<b>Sophomore Year</b>	
ENG 200-level Survey or Genre Course	ENG 200-level Survey or Genre
WRT 208	ENG 300-level Literature Course
Liberal Education Course	PTH 201
Elective	Liberal Education Course Elective
Elective	Elective

**Suggested Registration** (continued)

Fall	Spring
<b>Junior Year</b>	
WRT 301	WRT 302
ENG 300-level Literature Course	ENG 300-level Literature course
Liberal Education Course	WRT 485
Elective	Elective
Elective	Elective
<b>Senior Year</b>	
ENG 300-level Literature Course	WRT 420
WRT 311	Elective
Elective	Elective
Elective	Elective
Elective	Elective

Recommended electives: courses in philosophy, religion, American studies, women's studies, communication studies, and film.

**Total credits: 120 minimum**

**Writing for Publication Minor**

Students who enroll in this minor should be interested in making writing an important element in their lives both during and after their college careers. Students who complete the minor should understand the logistics, information, skills, concepts and discipline necessary to have their writings published. Students enrolled in the minor can explore the challenges of writing fiction, nonfiction, poetry and plays. Please see the Minor Programs section of the curriculum guide for further information.

**Requirements**

Each student must complete at least 19 credits of study from the courses listed below. At least nine credits must be at the 300 level or above. All students in the minor must complete WRT 420 for one credit.

**Introductory courses**

COM/WRT 205, 251, 252, 253, 254, 255, 256, 257, 258, 216; WRT 201, 208, 214, 250

**Intermediate and Advanced courses**

COM/WRT 303, 312, 326; WRT 301, 302, 311, 314, 350, 414, 420

**Writing Course Offerings****WRT 105 Writing I****3 credits**

Students learn to use writing as a tool for learning and as a means of communication. Through daily writing assignments students develop personal writing processes that will allow them to be effective learners, writers and readers. Through assignments involving research, argumentation, critical analysis and a writing portfolio, students also develop academic or professional writing styles. Offered fall and spring.

WRT 105 is required of all students, unless exempted. This course must be taken

during the first semester of a student's enrollment. To successfully complete this course, students must earn a minimum grade of C (2.00). If the minimum grade is not earned on the first attempt, the student must repeat the course no later than the third semester of the student's enrollment. If the grade is not earned on the second attempt, it must be retaken every semester thereafter, without exception, until a minimum grade of C (2.00) has been achieved.

**WRT 114, 214, 314, 414 The Literary Magazine****1 credit**

These courses involve students with the production of the campus literary magazine. Students participate in the editorial processes necessary to produce a literary periodical. Offered spring.

**WRT 201 Creative Writing****3 credits**

This is an introductory course in the writing of fiction, nonfiction, and poetry. In addition to practicing each of these forms, the student reads examples of contemporary poetry and fiction. Offered fall and spring.

Exploration Area: Fine and Performing Arts

**WRT/COM 205 Introductory Journalism****3 credits**

Students learn the basic elements of journalism and study the basic forms of journalistic writing: editorials, news articles and feature stories. Offered fall.

**WRT 208 Creative Writing II****3 credits**

This course concentrates on the writing of poetry and short fiction for publication. Students in the course should have an interest in submitting their work to the campus literary magazine. Offered fall and spring.

*Prerequisites:* WRT 201, junior standing or above

**WRT/COM 216 Writing for Public Communication****3 credits**

Students learn how to write for the most common forms of public communication (radio and television public service announcement, newspaper editorial, news release, short magazine article, speech, etc.). While attention is given to the work of others through critical analysis, the focus is on writing assignments and grammar exercises designed to improve writing skills. Offered fall.

*Prerequisite:* WRT 105

**WRT 250, 350 Topics in Writing****1–3 credits**

These courses offer students in-depth study of topics in writing that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**WRT/COM 251, 253, 255, 257 Newspaper Practicum****1 credit**

The *Colby-Sawyer Courier* is a student-run newspaper serving the campus community. A student may earn credit as a writer or an editor. Writers are required to write six stories, attend by-weekly critiques and help with copy editing. Editor's responsibilities may include assigning stories, copyediting, layout, composing paper sections, reporting and other duties as explained in the newspaper's mission statement. Offered fall.

*Prerequisite:* WRT 105; and COM/WRT 205 or ART 260

**WRT/COM 252, 254, 256, 258 Newspaper Practicum** 1 credit

The *Colby-Sawyer Courier* is a student-run newspaper serving the campus community. A student may earn credit as a writer or an editor. Writers are required to write six stories, attend by-weekly critiques and help with copy editing. Editor's responsibilities may include assigning stories, copyediting, layout, composing paper sections, reporting and other duties as explained in the newspaper's mission statement. Offered spring.

*Prerequisite:* WRT 105; and COM/WRT 205 or ART 260

**WRT 295, 395, 495 Independent Study** 1–3 credits

Qualified students may develop independent study courses in areas not ordinarily offered at the college. The distinction among course levels depends on the focus of the proposed course, the amount of work previously done in the field, and the extent of student independence; the higher the number, the greater the expectations. Each course is developed in consultation with a faculty member. Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives. Offered fall and spring.

*Prerequisite:* Permission of the instructor and the department chair

**WRT 301 Intermediate Creative Writing: Poetry** 3 credits

Students continue to develop their knowledge of poetry and the skills and discipline necessary to write it. In this course, students submit their poems for publication to literary magazines not affiliated with the college. Offered fall.

*Prerequisite:* WRT 208

**WRT 302 Intermediate Creative Writing: Prose** 3 credits

Students continue to develop their knowledge of fiction and the skills and discipline necessary to write it. Students submit their stories to literary magazines not affiliated with the college. Offered spring.

*Prerequisite:* WRT 208

**WRT/COM 303 Writing About Sports** 3 credits

Students pursue advanced study of sports journalism by writing game analysis stories, press releases, commentaries, feature stories and audio scripts. Students study the field of sports public relations, with particular attention paid to the role of new media in sports promotion. Because this course focuses on game coverage, an extensive knowledge of sports is required. Offered spring of odd-numbered years.

*Prerequisite:* WRT/COM 205 or ESS 101

**WRT 311 Scriptwriting** 3 credits

This course is an introduction to fiction writing for the film and video screen. Through class discussion, readings, and the analysis of films and videos, students learn idea generation, dramatic theory, narrative structure, characterization, dialogue, and the particular demands of the audiovisual media. Offered fall of even-numbered years.

*Prerequisite:* COM 216

**WRT/COM 312 Writing About the Arts** 3 credits

Students learn to write hard-news stories, reviews, and features about the arts, works of art, artists, and those areas of the arts that shed light on cultural and social issues. Students become familiar with all the ways in which journalists gather information about the arts. Offered spring of even-numbered years.

*Prerequisite:* One 200-level WRT or COM course.

**WRT/COM 326 Investigative Reporting** 3 credits

Students learn to use data bases, government reports, police logs, public meeting minutes, and other public information sources to report on local governments. Students learn to analyze statistics, interpret rulings, apply regulations, develop follow-up research strategies, synthesize findings and create over-views of social issues that effect local citizens. Offered fall of even-numbered years.

*Prerequisite:* COM 205

**WRT 420 Writing for Publication Seminar** 1–3 credits

Students will prepare and present a creative thesis consisting of their best work (length requirements to vary depending upon genre.) Additionally, students will write a craft and reflection essay, demonstrating special knowledge in an area of their choice. This essay will serve as the foundation for a seminar to be facilitated by the student. Offered spring.

*Prerequisite:* Creative Writing Major or Minor

**WRT 478 Research Assistantship** 1–3 credits

Qualified junior and senior students work with faculty members as research assistants for faculty research projects. The assistant and faculty collaborate to determine the specific responsibilities for design, implementation, and analysis of the research project. The assistantship may include responsibilities in the classroom or laboratory. Please refer to more details and requirements in the Special Academic Programs section of this curriculum guide. Offered fall and spring.

**WRT 485 Creative Writing Internship** 0–6 credits

All Creative Writing majors are required to complete a 400-level internship to gain practical experience under the supervision of both a professional in the field and a member of the Creative Writing faculty. Any organization involved in writing or publishing, or the promotion of writing, literacy, and the arts would serve as appropriate sites. These organizations might include newspaper, magazine, journal and book publishers, advertising and public relations firms, writers' organizations, arts councils, and the like. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Creative Writing Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

# Additional Curricular Opportunities



## Independent Study

Courses numbered 295, 395 and 495 may be developed by students in subject areas not ordinarily offered at the college. However, not all departments offer all levels of independent study. The distinction among course levels depends on the focus of the proposed course, the amount of previous work done in the field, and the extent of student independence. In general, the higher the level, the greater the expectation. *Independent study courses may not be used to meet major requirements; only one may be used to meet a requirement for a minor. Independent courses may be repeated for credit, however after the first course additional courses may only be used as electives.*

Proposal forms and guidelines are available in the Registrar's Office and from the faculty. Completed proposals should be submitted, with departmental approval, to the academic dean during the normal registration period for the next semester. Under special circumstances, the academic dean may extend the period for submission of independent study proposals, but in no case will proposals be accepted after the third day of the first week of classes of the fall and spring semesters.

## Internships Across the Curriculum

In keeping with its mission to integrate the liberal arts and sciences innovatively with career preparation, Colby-Sawyer offers opportunities to gain practical experience in a chosen field through internships in a wide range of organizations.

Internships are field experiences designed to provide students with learning opportunities under collaborative supervision among Colby-Sawyer faculty, staff and work-site professionals. Internships offer the opportunity for students to enhance their academic programs with work experience related to career interests in business, industry, government, health care, sports, science, education, human services, plus many other opportunities in national and international settings.

Most majors require that students take an internship while enrolled at the college. Programs in education, athletic training and nursing have specific certification and accreditation requirements, and related information can be found in the departments' respective sections.

Internships are arranged through the Harrington Center for Career and Academic Advising with approval and evaluation by faculty sponsors. Specific information on policies and procedures as well as student, faculty sponsor, and career center responsibilities is available from the Harrington Center.

## Rationale

Internships Across the Curriculum support the mission of the college to integrate liberal arts and sciences with professional preparation. Yearly placement survey results show that Colby-Sawyer students consistently achieve employment and graduate school goals in areas related to their majors. It is evident in feedback from employers that the amount of internship experience our graduates have had during their course of study is what makes them stand out from other candidates. In a five year review of graduates reporting employment within six months of graduation, an average of 31 percent were hired by their internship sites.



### Eligibility Requirements

Any matriculating student is eligible for an internship provided that the student

- has earned enough credits for sophomore status;
- has submitted a résumé and Internship Intent form to the Harrington Center;
- has satisfactorily completed the Preinternship Seminar on Moodle;
- meets the criteria established by the college and by each discipline for participation and has departmental approval;
- has a different experience for each subsequent internship (i.e., no family members are members of the on-site staff, no former supervisors on or off campus may act as supervisors for this internship, the student meets academic qualifications if necessary, etc.); and
- has a college-approved on-site supervisor.

Students who are suspended from the college may not participate in internships.

### Guidelines

Each department may have established prerequisites for students wishing to undertake internships. However, these are the general guidelines:

- Students will be registered for the internship upon approval of the Internship Learning Contract.
- Internships may or may not carry credit.
- Internships numbered 285 and 485 will be graded on a Pass/Fail basis.
- Forty site-directed hours equals one credit for all majors except Child Development and Psychology.
- Internships are either 285 (exploratory) or 485 (advanced).
- Internship credit is limited to a maximum of 15 credits towards graduation.
- In a given semester, a student may take only one internship.
- The internship will be a different experience each time for each student.
- An interdisciplinary internship (INT 285) is available.
- Colby-Sawyer faculty must submit grades by September 15 for summer internships.

**For students enrolled in Summer internships the deadline to Add/Drop is August 2. The deadline to Withdraw is August 16.**

### Research Assistantships

Qualified juniors and seniors may apply to work with faculty members as research assistants on the faculty member's own research. This may include any or all of the following:

- Design, implementation and analysis of the study
- Literature Review efforts
- Writing parts of the study

- Working with Institutional Review Board and/or other human studies approval groups
- Work related to publishing or presenting the results

The student and faculty member discuss the relevance of the study to the discipline and other research associated topics on a regular basis. Clerical duties should be avoided, or at most be a minimal component of the student's assignments.

The following policies govern assistantships:

- A student may earn up to three credits for a research assistantship, in one three-credit course or in any combination of courses.
- Course credit toward major or minor requirements is a departmental decision
- The course will be graded unless the student chooses the Pass/Fail option. If the department allows the credit to count toward a major requirement, the student may not select a Pass/Fail option; the course must be graded.
- Only juniors and seniors are eligible
- The student must have a minimum 3.00 cumulative grade point average

### Teaching Assistantships

Qualified juniors and seniors may apply to work with faculty members as teaching assistants in 100- and 200-level courses. If they are accepted for an assistantship, students enroll in the course designated 480: Teaching Assistantship in the relevant academic area.

The teaching assistantship course allows students to participate in the instructional development of a course and to learn about teaching methodologies and course development. The teaching assistant has definite instructional responsibilities in the class as well as an instructional component in which the assistant learns how to teach. The assistant engages in regular discussions with the faculty member concerning the course and teaching methodology. The following policies govern assistantships:

- A student may earn up to three credits for teaching assistantships, in one three-credit course or in any combination of courses.
- Course credit toward major or minor requirements is a departmental decision.
- The course will be graded unless the student chooses the Pass/Fail option.
- The credits granted should follow regular guidelines for the department and may differ with the nature of the course (lecture, laboratory, studio).
- Teaching assistantships are limited to juniors and seniors.
- The assistant must work in a 100- or 200-level course.
- The student must have received a B (3.00) or better in the course or its equivalent.
- The student must have a minimum 3.00 cumulative grade point average.

## Wesson Honors Program

As its mission states; the Wesson Honors Program is designed to provide highly motivated students with an optional intensive experience in the liberal arts. By creating academic, cultural, and social opportunities for integrative and interdisciplinary intellectual discovery, the program challenges students not only to widen their own avenues of intellectual exploration but to take leadership in a community of scholars and participate as catalysts for inquiry and discussion across the college. The academic courses in the program introduce students to a rich body of interdisciplinary knowledge and the process of interdisciplinary thinking. Small seminar class meetings encourage lively exchanges between students and professors.

Students with a minimum 3.75 high school grade point average are eligible for the Wesson Honors Program. Students accepted into this program will be awarded a Wesson Honors Scholarship and will be enrolled in the Honors Program. This scholarship will be awarded annually to students who maintain good standing in the program. To sustain good standing in the program, students must maintain dean's list status (earn a minimum 3.5 grade point average at least every other semester), take at least one honors course each year, and uphold the mission of the Wesson Honors Program.

To receive an Honors Certificate, a student must complete the Honors Pathway sequence in the first and second years (6 credits), three additional honors courses (9 credits), or two honors courses and one honors contract (9 credits), and an Honors Component to their major Capstone course and the Honors Capstone Seminar (1 credit). Students who do not complete the Honors Pathway but plan to earn an Honors Certificate must meet with the honors coordinator to work out a plan to fulfill the requirements.

The Wesson Honors Program maintains an affiliation with the National Collegiate Honors Council and mirrors its high academic standards. Additional information is available from the honors coordinator.

## Student Exchange

### The New Hampshire College and University Council

Colby-Sawyer College is a member of the New Hampshire College and University Council, an academic consortium which includes Daniel Webster College, Franklin Pierce College, Keene State College, New England College, Plymouth State University, Rivier College, Saint Anselm College, Southern New Hampshire University, and the University of New Hampshire.

Altogether more than 20,000 students are enrolled in consortium institutions. These students are able to benefit from student and faculty exchange, special workshops and seminars, enlarged library resources, and full- and part-time study on other consortium campuses.

Qualified students, with appropriate approval of the registrar, may enroll in one or more courses or for the fall or spring semester (excluding summer) in residence at one of the NHCUC institutions listed above on a space-available basis. Such study is considered Colby-Sawyer sponsored and may be used to meet the residence requirement. The registrar must approve all courses prior to enrollment, and students must earn a minimum grade of C (2.00) to receive transfer credit. Credits and grades will

be recorded on the student's transcript and calculated into the student's GPA.

No extra financial charge is made other than special course fees, such as laboratory fees. Students must provide their own transportation and, when applicable, must make their own arrangements for room and board at the institution they intend to visit. The consortium network of schools offers the variety of courses usually found only on a large university campus but retains the small-college environment with respect to academic support, residency, social life and student development opportunities.

## Study Abroad

The study abroad program at Colby-Sawyer provides students the opportunity to acquire broad cultural knowledge and practical skills which will enable them to participate fully in a global society and to contribute to the internationalization of the Colby-Sawyer campus through academically demanding international programs.

Study abroad is open to Colby-Sawyer students who have a 2.80 minimum cumulative GPA, have sophomore status and are in good academic and social standing with the college.

Colby-Sawyer College program affiliates offer study opportunities that will complement a student's degree program. The study abroad program is designed to make these programs financially feasible for students. Students maintain their enrollment status at Colby-Sawyer thereby allowing them to carry virtually all of their financial aid into their international study programs.

Colby-Sawyer College recognizes the value that students with international experience bring to the classroom and their other academic endeavors. Students who study abroad also satisfy these learning outcomes: enrich and deepen their self knowledge, communicate and interact effectively, and understand and employ multiple perspectives. A liberal arts curriculum combined with an education abroad strengthens students' ability to pursue vocations in the global community.

Students interested in study abroad programs can receive information and assistance from the Harrington Center for Career and Academic Advising. Colby-Sawyer has affiliations with several programs allowing students to study in a wide variety of countries including Australia, Austria, Czech Republic, England, France, Hungary, Ireland, Italy, Latin America, New Zealand, Poland, Russia, Spain and more. These affiliate programs include: Academic Programs International, American Institute of Foreign Study, The School for Field Studies, Center for International Studies and The Education Abroad Network. Students will need to study abroad through one of our affiliates in order to enjoy the financial benefits associated with Colby-Sawyer College approved study abroad programs.

For students interested in studying away in a diverse learning and experiential work environment in Washington, D.C. please see the Washington Internship Institute (WII) program description section of the catalog.

## ROTC Programs

Students attending Colby-Sawyer College may enroll in Air Force or Army Reserve Officer Training Corps (ROTC) at the University of New Hampshire. Students should be aware that not all ROTC courses will carry transfer credit. The registrar should be

consulted prior to course enrollment. ROTC scholarships are offered on a competitive basis. Scholarships may pay full or partial tuition, mandatory university fees, and costs for required textbooks for all courses. More specific information can be obtained by contacting Air Force ROTC (603) 862-1480 or Army ROTC (603) 862-1078.

### Field Study Semester

Colby-Sawyer College has an affiliation agreement with the School for Field Studies. Students who meet the prerequisites may spend the fall semester of their senior year at one of the School for Field Studies locations. The Colby-Sawyer College financial aid will travel with the student and the credits earned will appear as Colby-Sawyer College credits. Interested students should contact the department chairs of the Environmental Studies or Biology for more details. Please refer to the Website for additional information <http://www.fieldstudies.org>.

### Pre-Medical Curriculum

The requirements for a pre-medical program can be fulfilled in combination with any major, however, course sequencing and early planning are key in the success of a pre-med or pre-vet student. The Department of Natural Sciences and the Harrington Center for Career and Academic Advising offer advice and assistance to students interested in medical and other health related professional schools. This includes dentistry, optometry, physician's assistant, doctor of podiatry, doctor of osteopathy as well as medical or veterinary school (see also Pre-Veterinary Curriculum). Interested students can meet with a pre-med or pre-vet advisor to discuss career planning and preparing for admission requirements. Students explore careers that meet their interests and learn about educational opportunities and requirements. Required courses at most medical schools include two semesters of each: biology, chemistry, organic chemistry, physics, math and writing. Some medical schools have additional requirements. Specific course recommendations are made based on the academic goals of the student and with Medical College Admissions Test (MCAT) preparation in mind. Recommended courses include: BIO 205, BIO 206 and BIO 207. There is some overlap of courses with the college's Biology major.

### Pre-Veterinary Curriculum

The requirements for a pre-veterinary program can be fulfilled in combination with any major. However, most of the required courses are in the college's Biology major. The Department of Natural Sciences and the Harrington Center for Career and Academic Advising offer advice and assistance to students interested in veterinary and other health related professional schools. Students can meet with a pre-med or pre-vet advisor to discuss career planning and preparing for admission requirements. Students explore careers that meet their interests and learn about educational opportunities and requirements. Practitioners and school representatives are invited to campus to assist students in their plans for the future. The requirements for schools of veterinary medicine may have more specific requirements, but the following courses fulfill the requirements of most schools: BIO 106, 304, 402; CHE 101, 102, 307, 308; MAT 220 or 221; PHY 101, 102; PSY 101, SOC 101. This suggested registration is similar to a Biology major with the courses above

added. Students preparing to apply for veterinary school will be required to take the Graduate Record Exam (GRE).

### Pre-Physical Therapy Curriculum

Professional programs in physical therapy are either master's degrees (2 years) or doctorates in physical therapy (3 years) although the trend is toward the doctorate. An undergraduate degree is typically required for admission to a graduate program in physical therapy. Students interested in physical therapy should regularly check the American Physical Therapy Association Web site for information about the requirements of selected programs and work with their advisor to identify and select the necessary courses.

Physical therapy schools select students on the basis of: (a) academic excellence, (b) Graduate Record Exam scores, (c) letters of reference from professors and physical therapists, (d) clinical observation experience, (e) an essay, and (f) an interview. Admission to physical therapy programs is competitive.

Students have pursued physical therapy programs from a variety of different routes including the athletic training and exercise science programs as well as the biology major. However, students may choose any major and take the suggested prerequisites. Typical courses required before entry into a graduate level program in physical therapy are:

BIO 106, 205, 206  
CHE 101, 102  
ESS 323, 324  
MAT 123, 220  
PHI 213  
PHY 101, 102  
PSY 101, 240

Some programs require MAT 212 or 221; BIO 321; and CHE 307 or 304. Most programs in physical therapy require 100 hours or more of observation in a physical therapy setting. The student may choose to do an internship in that type of setting or seek this experience outside of the class setting.

### Pre-Law Curriculum

Students who enter law school come from any number of academic majors. Pre-law students should take courses that allow for continued development in their ability to think critically, communicate and listen effectively, conduct library research, and contribute to the community. A good pre-law education helps students develop these skills and provides a solid foundation in understanding the American political system, understanding social interactions and issues of diversity, and demonstrating basic quantitative literacy skills.

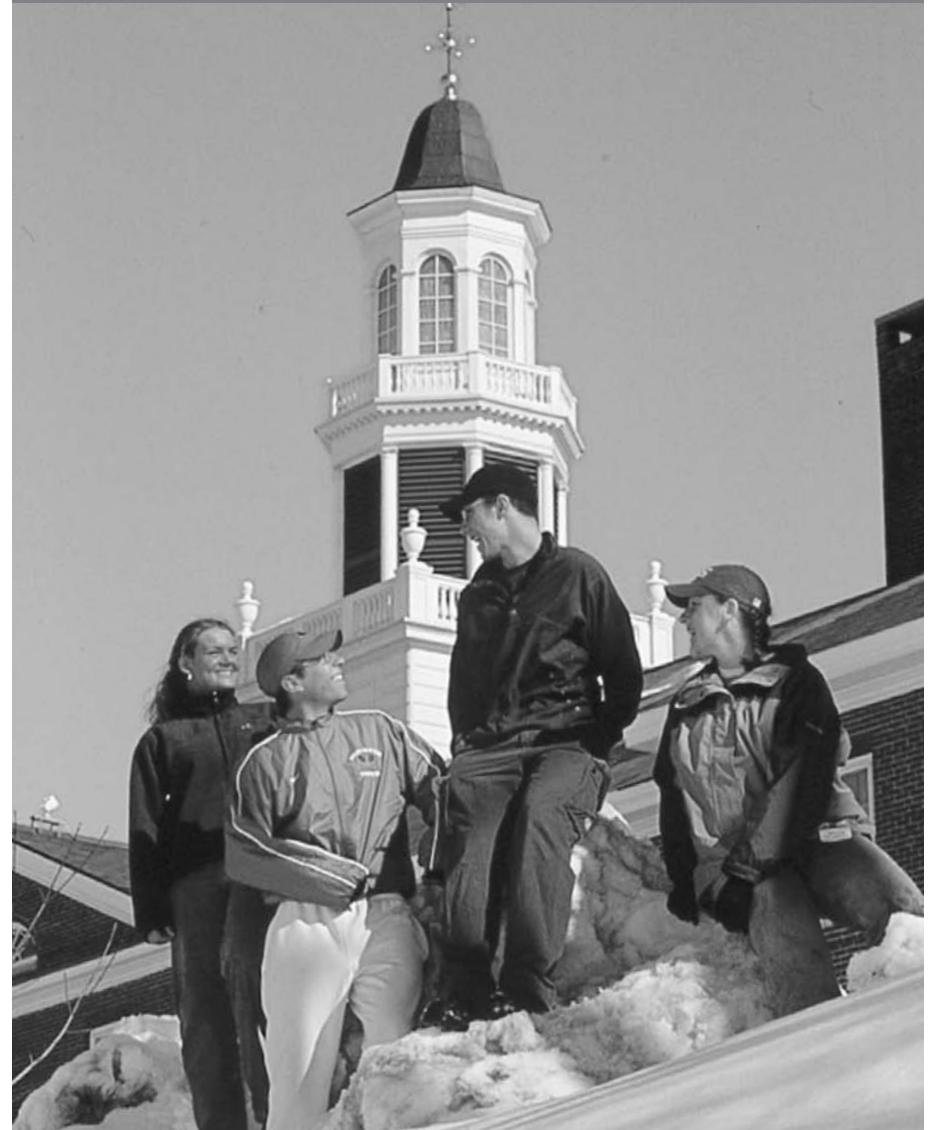
The Liberal Education Program at Colby-Sawyer College in conjunction with a major program of study provides many opportunities for students to fine tune the skills needed to be successful in law school. For further information regarding law school preparation students are advised to contact their academic advisor and check out the American Bar Association (Section of Legal Education and Admission to the Bar) website at [www.abanet.org/legaled/prelaw](http://www.abanet.org/legaled/prelaw)

## Graduate School Opportunities

The college has an affiliation agreement to assist qualified Baccalaureate degree graduates from Colby-Sawyer into Masters Degree programs at Springfield College. This opportunity is available for students who want to pursue advanced work in: Athletic Training, Exercise Physiology, Health Promotion and Disease Prevention, Clinical Exercise Physiology Track, Sport and Exercise Psychology, Strength and Conditioning, Athletic Counseling, Clinical Mental Health Counseling, Industrial/Organizational Psychology, Marriage and Family Therapy, School Guidance Counseling and Student Personnel Administration. For additional information contact the department chairs of Exercise and Sport Sciences or Social Sciences and Education.

The College has an affiliation agreement to assist qualified Baccalaureate Degree graduates from Colby-Sawyer College into the graduate and teacher certification programs at Plymouth State University. Qualified students may complete masters degree (e.g. M.Ed., M.A.T., M.B.A. or M.S.), teacher certification programs, or post baccalaureate programs that provide New Hampshire Licensure in Secondary Education at Plymouth State University. For additional information contact the department chair of Social Sciences and Education.

# Academic Policies



## Academic Standards and Requirements

### Graduation Requirements

Degrees are awarded by vote of the faculty of the college and the Board of Trustees to students who have completed the liberal education, major program and residence requirements. Students must apply for graduation with the Registrar's Office no later than March 1 for May graduation, January 1 for February graduation, and September 1 for October graduation. Students who miss these deadlines may need to wait until the next official graduation date. Students must earn a minimum cumulative grade point average (GPA) of 2.00, and have completed a minimum of 120 credits for the baccalaureate degree or 60 credits for the associate degree. Since some departments require a higher grade point average in the major, students should consult appropriate sections of the curriculum guide for special major program requirements. It is the responsibility of students to know the minimum quantitative and qualitative requirements of degrees and to fulfill those requirements.

During each academic year there are three graduation dates: October, February, and May. Students planning to complete graduation requirements in October or February must have completed all course work and have official grades on file in the Registrar's Office by September 1 or January 1, respectively. Students planning to complete graduation requirements in May must have completed all course work and have official grades on file in the Registrar's Office no later than the Tuesday preceding the commencement ceremony.

The college's commencement ceremony is held in May. Students who plan to complete graduation requirements in October or February may choose to participate in commencement in either the previous or following May ceremony. To participate in the previous May ceremony, baccalaureate candidate students must have earned a minimum 2.00 GPA, completed Major Acceptance, and earned at least 105 credits by the date of commencement. Associate degree candidates must have earned a minimum 2.00 GPA and at least 53 credits successfully completed by the date of commencement to participate in the previous May ceremony. Students who participate in a commencement ceremony prior to completion of all graduation requirements will be eligible for graduation honors once they have completed requirements.

### Major Course Requirements

Students are responsible for completing requirements for the major listed in the curriculum guide for the year they complete Major Acceptance. Exceptions to this must be approved by the academic dean. Refer to the requirements listed for each major.

### Liberal Education Requirements

Students must fulfill the Liberal Education Program requirements that were in force for the year in which they entered the college.

### Residence Requirements

At least 50 percent of the required credits for associate and bachelor's degrees, including the final 30 credits, must be Colby-Sawyer sponsored, whether taken on or off campus. This includes Colby-Sawyer online courses, summer residential classes, and off-campus experiences such as internships and enrollment through Colby-Sawyer at a New Hampshire College and University Council (NHCUC) campus. (See the section of this curriculum guide on Student Exchange.) A student who takes all courses required by the degree program, but who is deficient in credits and/or grade point average may write to the registrar for permission to compensate for deficiency at another accredited institution. Permission, if granted, must be in writing and will become a part of the student's permanent record.

### Course Credit and Course Load

All courses are calculated on the basis of semester credits. Enrollment in 12 credits is considered full-time status; 15 credits is considered a normal course load; less than 12 credits reduces a student to part-time status. A typical full-time student enrolls for 12 to 18 credits. Residential students must maintain full-time status throughout the semester. In extraordinary circumstances, students may petition the director of residential education for permission to remain in residence with a reduced load. Other consequences exist for students falling below full-time status including athletic eligibility, health insurance, use of health and counseling services, and financial aid considerations. International Students enrolled in less than 12 credits may fall out of status for their Visa. Students enrolling for more than 18 credits will be charged for the additional credits.

### College-Level Examination Program (CLEP)

Students are invited to take the general and subject examinations developed by the College Entrance Examination Board. Credit is given as follows:

**General Examinations.** Students will receive from three to six credits (depending on the particular test taken) for each examination on which they score at the 50th percentile or higher. The minimum score for English composition is the 61st percentile, and the test must include the essay section.

**Subject Examinations.** Successfully completed subject examinations will apply toward appropriate graduation requirements.

For further information about CLEP, please contact the Registrar's Office, Colby-Sawyer College, 541 Main Street, New London, NH 03257, or write directly to the College-Level Examination Program, Box 6600, Princeton, NJ 08541-6600.

### Excelsior College Examination Program

Credit will be granted to students who score at the 50th percentile or higher. For further information about Excelsior College exams, please contact the Registrar's Office, Colby-Sawyer College, 541 Main Street, New London, NH 03257, or write directly to Excelsior College, 7 Columbia Circle, Albany, NY 12203-5159.

### Off-Campus Coursework

A matriculated Colby-Sawyer student may receive Colby-Sawyer transfer credit for courses taken at other accredited institutions. The registrar must approve all courses prior to enrollment and students must earn a minimum grade of C (2.00) to receive transfer credit. Credits and grades will be recorded on the student's transcript and calculated into the student's GPA. Colby-Sawyer faculty must submit grades by September 15 for summer internships.

### Colby-Sawyer Credit and Exemption Examinations

Students who have accumulated sufficient prior knowledge of a course's content and wish to earn credit for or exemption from specific courses in the curriculum must take national credit or placement examinations whenever possible. However, when there is no equivalent national examination, a student may petition in writing to the appropriate department chair to take a Colby-Sawyer departmental examination. The decision to allow the student to take the examination is the prerogative of the department. Group examinations may be scheduled when practical.

Credit examinations must be evaluated with a letter grade (A, B, C, D, F) if they are to be used as a substitute for a requirement in the major or in the Liberal Education Program. A Pass/Fail grade may be used only when the course does not satisfy a requirement. The method of evaluation must be determined by the department and communicated to the student prior to the administration of the examination. Students must accept the grade assigned, which, along with the credit earned, will be recorded on their permanent transcript. The maximum number of credits that may be earned by credit examination is 15. A fee is required for credit examinations. See the Financial Information section of this curriculum guide.

Exemption examinations enable students to waive a prerequisite by demonstrating an appropriate level of proficiency, which allows them to move to a higher level of study. The appropriate level of proficiency is determined by the professor who administers the examination. No credit or grade is earned.

### Auditing Courses

A full-time student may audit courses at no additional charge. A fee is charged to part-time students. Students may audit only when space is available, the professor's permission is secured, and the registrar is informed. The professor will determine whether the student's work will be evaluated.

A change from audit to credit may be made at any time prior to the final date for adding courses. A fee adjustment will be made where applicable. No changes in audit/credit status are permitted after that time. (See the College Calendar.)

### Course Level Numbering

Course levels are indicated as follows:

- 100—Introduction to subject or survey of a discipline
- 200—Increased depth of study combined with application of theory
- 300—Analysis, synthesis, evaluation of theory or data
- 400—Creation of new ideas, behaviors or objects of art

### Grading System

A four-point letter grade system is used to indicate student achievement. Each letter grade has the following numerical quality-point value:

A	= 4.00	B+	= 3.30	C+	= 2.30	D+	= 1.30	F	= 0.00
A-	= 3.70	B	= 3.00	C	= 2.00	D	= 1.00		
		B-	= 2.70	C-	= 1.70	D-	= 0.70		

The grade point average is calculated by multiplying the earned quality points for each course by the number of credits attempted for that course, then dividing by the total number of GPA credits attempted.

- A, A- indicate exceptional performance. A high degree of critical thinking, reflection, application of knowledge, and creativity has been demonstrated. Writing and communication skills are highly developed. Requirements have been fulfilled, and extensive knowledge of facts and principles has been demonstrated.
- B+, B, B- indicate good performance. A substantial amount of critical thinking, reflection, and application of knowledge has been demonstrated. Writing and communication skills are well developed. Requirements have been fulfilled, and a substantial knowledge of facts and principles has been demonstrated, though clearly not at an A level.
- C+, C indicate adequate performance. Critical thinking, reflection, and application of knowledge have been demonstrated at a competent level. Writing and communication skills also are at a competent level. Requirements of the course have been fulfilled, and an understanding of facts and principles has been demonstrated.
- C-, D+, D, D- indicate performance that is barely acceptable. Very little critical thinking, reflection, or application of knowledge has been demonstrated. Writing and communication skills often are inadequate. Some requirements may not have been fulfilled, and very little knowledge of facts and principles has been demonstrated. These are the lowest grades for which academic credit is given. A cumulative GPA at this level will place the student on academic probation and may eventually result in suspension.
- F indicates unacceptable performance. Little if any understanding of basic facts has been demonstrated, and requirements clearly have not been fulfilled. No college credit is given for this grade. Students who withdraw after the deadline to drop a course with no penalty (see the College Calendar) will receive a grade of F.

I	An incomplete is awarded only in unusual or extraordinary circumstances beyond the student's control. Prior to the end of the semester the student and the professor must agree that an incomplete is appropriate and agree upon a date on which all work will be submitted, no later than six weeks after the beginning of the following fall or spring semester. The student must file a permission form with the Academic Dean's Office no later than 5 p.m. of the last day of classes for the semester. If permission is granted, the student must submit all work by the agreed upon date and the professor must file a grade within seven days of that date.
W	Courses dropped between the first and ninth weeks will be indicated by a W on the student's grade report and transcript. A course dropped after this period, whether a student- or professor-initiated withdrawal, automatically becomes an F.  Students who withdraw from the college before the deadline to drop a course with no penalty (see the College Calendar) will receive a W for their courses.
P	Pass in a Pass/Fail course
NF	Failure in a Pass/Fail course
WA	Administrative withdrawal
CR	Credit granted, no grade
AU	Audit (no grade or credit granted)
NR	No grade reported
NC	No credit granted
E	Exempt
[ ]	Repeated course. Only the latest registration affects cumulative average

### PowerCAMPUS Self-Service

PowerCAMPUS Self-Service is the college's web-based academic records management system accessible from both on- and off-campus computers through the Colby-Sawyer College Web site. PowerCAMPUS Self-Service allows students to view their course registration, class schedule, midsemester grades, final grades, unofficial transcripts, college bills, and current balance information. Students are given user names and passwords to access their PowerCAMPUS Self-Service account at the beginning of their first semester of enrollment.

Students can share access with parents or other family members for viewing of grades, unofficial transcripts, course schedule, financial aid, tuition statements, and current balance information. To share access, students must log in to "PowerCAMPUS Self-Service" and select "invite user." Students can invite any parent or relative that is on file as well as select what information these family members have access to. An e-mail will then be sent to any invited family members with instructions on how to view and use PowerCAMPUS Self-Service. If, at any time, students would like to revoke access, they simply log on to "PowerCAMPUS

Self-Service" and select "delete user."

Students are responsible for reviewing their PowerCAMPUS Self-Service accounts on a regular basis to monitor their academic progress and to ensure the accuracy of the academic information on file in the registrar's office. Each semester students are expected to review their:

- current semester's course registration:
  - at the beginning of the semester
  - after the deadline to Add/Drop courses
  - after the deadline to Withdraw from courses
  - any time they have made an adjustment to their course registration either through PowerCAMPUS Self-Service or submitted a Change of Course form
- next semester's course registration:
  - at the time of registration for the upcoming semester
  - any time they have made an adjustment to their course registration through PowerCAMPUS self-service
- grades:
  - after the deadline to submit Midsemester grades
  - at the end of the semester

### Repeating Courses

Unless restricted by a specific department's requirements, students may repeat any failed course as many times as they wish. In each case, the more recent grade is counted for the cumulative GPA, although all grades are recorded on the student's transcript. The student receives credit for a course only once regardless of how many times it is repeated. Students may repeat a course only once if they have previously passed the course. If a second repeat of a previously passed course is desired, or required, the student must have full-time status exclusive of the credits for the repeated course. With programs that operate under specific guidelines from outside accrediting agencies, it may be necessary to limit the number of times a student may repeat a course.

If a student does not earn the required minimum grade of C (2.00) in WRT 105: Writing I, the student must repeat the course no later than the third semester of the student's enrollment. If the required grade is not earned on the second attempt, WRT 105 must be retaken every semester thereafter, without exception, until a minimum grade of C (2.00) has been achieved.

### Pass/Fail Option

Students in most degree programs are allowed to take one free elective course each semester—a maximum of two per year—on a Pass/Fail basis. Major courses, minor courses, Wesson Honors courses and liberal education courses must be taken for a letter grade. Prior to the end of the fourth week of fall or spring classes, students wishing to elect the Pass/Fail option must have permission forms signed by their professors, approved by their advisors, and submitted to the registrar. Forms are available in the Registrar's Office. (See the College Calendar for deadline.)

## Grade Appeal

Students who believe their final grade in a course does not **accurately reflect their performance** may appeal the grade. If a student disputes the final grade he or she receives and wishes to appeal the grade, the following steps must be taken:

1. The student must discuss the disputed grade with the professor. Every effort must be made to resolve the dispute at this stage.
2. If no satisfactory resolution is possible, the student submits a written petition describing the facts of the case to the professor's supervising chair. The chair may ask for documentation to support the student's claims. The chair meets with the professor and investigates the dispute. The chair makes a written determination with copies to the student and the professor.
3. If the student disputes the chair's findings, s/he may appeal to the academic dean via a written petition describing the facts of the case and basis of the dispute, including all pertinent documentation. Copies of the petition should be provided to the professor and the chair.
4. The academic dean reviews the student documentation and speaks with the department chair to review the facts of the investigation and basis for the chair's earlier determination. The academic dean makes a final decision.

In the event there is a **conflict of interest** among the parties to whom the appeal is addressed:

1. If the disputed grade was given by a professor who is also the chair, the professor, in consultation with the student, will select another professor from within the same department, to whom the student submits a written petition.
2. If the academic dean is the professor of the class in which the grade is disputed, or is the academic advisor to that student, the director of student affairs will select a senior faculty member who serves as a department chair or on the Academic Review Board. The student will submit a written petition to this individual who will render a final decision.

**Deadline:** A written grade appeal must be received by the chair of the department by the deadline to remove an incomplete grade in the semester following the grade in question. See the academic calendar for the specific date in any given year.

All grade appeal documentation will be retained on file in the Academic Dean's office.

## Satisfactory Progress

Colby-Sawyer College recognizes that students progress through their academic careers at different rates. However, full-time students with a minimum of 12 credits should complete the requirements for a baccalaureate degree within a six-year period and associate degree candidates should graduate within a three-year period. Extenuating circumstances may justify an extension to be given by the academic dean. Part-time students with less than 12 credits are expected to complete their degree requirements on a pro-rata basis. To complete a baccalaureate degree in four years, students should plan to enroll in at least 15 credits each semester.

## Satisfactory Academic Standing

The standard for minimum satisfactory academic standing for all students is a 2.00 cumulative grade point average (GPA). Satisfactory progress is monitored each semester to assure students meet the cumulative GPA requirement of 2.00 or higher in order to graduate. Students who have not achieved satisfactory standing may be restricted from enrolling in specific courses and internships.

## Class Standing

Class standing is determined by credits completed:

First-Year Student	0–23 credits
Sophomore	24–53 credits
Junior	54–86 credits
Senior	87–120 credits

## Academic Probation

Students whose cumulative grade point average (GPA) is below the minimum satisfactory standard of 2.00 are placed on academic probation and notified in writing of their status. Academic probation indicates that students must improve their performance or risk suspension or dismissal at the end of the next semester. A student whose GPA is at a 1.50 or below may be suspended; a 0.50 or below may be dismissed without having been placed on academic probation in a prior semester.

Students on academic probation risk losing their financial aid or tuition-remission assistance. Students are urged to meet with their advisor to plan a strategy to improve their academic performance. Students may be advised to reduce their course load and/or repeat courses. In addition, students should take advantage of the services of the Academic Development Center.

## Academic Suspension and Dismissal

At the end of each semester the academic records of students on probation are reviewed to determine whether they have met the college's standards for satisfactory progress. Students on probation who do not achieve the minimum satisfactory grade point average (GPA) of 2.00 at the end of the next semester may be suspended or dismissed from the college. Students whose semester performance is satisfactory but whose cumulative GPA remains unsatisfactory at the end of the next semester following notification of probation also may be suspended or dismissed. A student whose GPA is at a 1.50 or below may be suspended; a 0.50 or below may be dismissed without having been placed on academic probation in a prior semester.

Students who are suspended are eligible to reapply to the college after a specific period of time, usually one semester. Students seeking readmission are asked to furnish information in the form of transcripts and/or letters of reference that indicate the student's ability to do satisfactory academic work at Colby-Sawyer. Decisions to readmit students are made in consultation with members of the Academic Review Board. Students who are suspended from the college may not participate in internships. Students who do not return to the college after a one- or two-semester suspension are withdrawn from the college effective the final day of the last semester they were enrolled. Students who are dismissed from Colby-Sawyer may not be readmitted.



## Academic Appeals

Students who are suspended or dismissed from the college for academic reasons may appeal to the Academic Review Board (ARB). The letter of suspension or dismissal includes the date that the student's appeal must be received by the director of student affairs and the dates of the ARB hearings.

1. Students who choose to appeal must send a written request for a hearing to the director of student affairs. The appeal should contain any extenuating circumstances beyond the student's control that warrant return to the college and a strategy for achieving success that includes a plan to avoid future academic difficulties.
2. The director of student affairs sets the ARB hearing date and time once the student's appeal is received.
3. Students must attend their hearing which is usually scheduled in early January (after the fall semester) or June (after the spring semester). For students who cannot attend a hearing during the usual dates, the first opportunity for a hearing may be the day before first day of classes for the upcoming semester.
4. Family members and legal council are not permitted to attend the hearing.
5. The members of the ARB will have a copy of the student's academic record which may include midsemester grades and records of academic dishonesty.
6. The chair will communicate the board's decision to the student after the hearing and in writing to the student.
7. The decision of the Academic Review Board is final.

## Academic Review Board

1. The Academic Review Board's (ARB) responsibilities are to review student academic appeals concerning notices of suspension, dismissal, and to communicate decisions to the students.
2. The members of the ARB group responsible for hearing student academic appeals are the chair of the ARB, two faculty members from the ARB committee, associate dean of students or designee, director of admissions counseling, and director of student affairs (ex-officio) or designee. The director of student affairs will serve as the coordinator of the ARB.

## Athletic Eligibility

All varsity team members must be full-time students with a minimum of 12 credits. A full-time student whose cumulative grade point average (GPA) reflects satisfactory academic standing (minimum 2.00 GPA) is eligible for participation in intercollegiate athletics. A student athlete must complete 24 credits during the previous year to be eligible for the following year. Athletic eligibility is monitored annually by the Athletic Department prior to the beginning of fall semester classes. Students who have not attained satisfactory academic standing prior to this time will be ineligible for varsity athletic participation. Also, students who have not earned enough credits for satisfactory progress will not be eligible to participate in intercollegiate athletics. Students who attain minimum satisfactory academic standing during the year may

apply to the director of athletics and the National Collegiate Athletic Association (NCAA) faculty athletic representative for athletic eligibility reinstatement.

## Student Classroom Responsibilities

Students are expected to take an active role in their courses, which includes attending class, completing assignments on time, participating in classroom activities, and maintaining satisfactory academic progress.

At the beginning of each semester, professors are required to announce their expectations and grading policies, including those for attendance. A student who consistently fails to complete assignments or who is excessively absent from class may be withdrawn from the course by the professor. Written notification will be sent to the academic dean, the registrar, the advisor and the student. Prior to this action, the professor will confer with the student whenever possible.

It is the student's responsibility to make arrangements with the professor as far in advance as possible when unavoidable situations prevent the student from meeting the course requirements or attending class regularly. If a student must be absent from class for an extended period, it is the student's responsibility to notify the professors and to provide information regarding the reason for the absence and the expected date of return to class. This notification is not to be construed as an excused absence for the student. The student is still responsible for arranging to complete the work missed. Regardless of the cause for absences or missed work, it is the professor's prerogative to determine if the student has met the outcome requirements of each course. Excessive absences or incomplete work for any reason may result in not completing or passing a course.

## Academic Honesty

Colby-Sawyer College is committed to high standards of academic honesty. Such standards are central to the process of intellectual inquiry, the development of individual character, and the maintenance of a civilized community. The integrity of academic life depends on cooperation among students, faculty and staff.

### Forms of Academic Dishonesty

#### Plagiarism

Plagiarism is the submission of material as one's own work that is not the result of one's own effort. It is the use or imitation of the work of another author or artist and the representation of the work as one's own. Examples include these situations:

1. Quoting paragraphs, sentences or parts of sentences from other sources without the use of quotation marks and without the use of citations. Sources include but are not limited to the following:
  - Printed sources such as books, essays, or articles
  - Video and audio sources, such as taped interviews or television programs
  - Papers, videotapes, and audiotapes by other students
  - Electronic sources such as Internet, World Wide Web, and CD-ROM
2. Paraphrasing pages, paragraphs, or sentences without acknowledging the source
3. Using other people's ideas without giving them credit

4. Writing a paper based on outside sources without using footnotes and a complete bibliography

A publication detailing proper documentation is available for purchase in the Campus Bookstore. The rules for documentation apply to written and oral work for all courses.

### **Cheating**

1. Giving as well as receiving aid on papers, laboratory experiments, quizzes and exams
2. Handing in papers that are the product of another person's work
3. Using notes during a quiz or exam without authorization to do so
4. Copying from another student's paper for an assignment or during a quiz or exam
5. Using one paper for two different classes without prior arrangement with professors involved

### **Responsibility of Students**

1. Students are responsible for knowing what constitutes plagiarism and cheating.
2. Students are not permitted to submit the same paper or project for credit in more than one course without prior written consent of all faculty members and proper citation of the work itself. Students using elements of one of their prior papers/projects in a subsequent paper or project should properly cite the original. Occasionally, a student may wish to use the same research in the fulfillment of assignments for more than one course. In such cases, the student must obtain the permission of each of the professors involved.
3. No student shall procure without the written authority of the faculty member the questions or answers of any exam to be given at a subsequent time or employ unauthorized aids while taking an exam.
4. No student shall aid another in violating the academic honesty policy (sell a paper, take another's test, etc.)
5. Students and all members of the college community are expected to maintain high standards of academic integrity.

### **Responsibility of Faculty and Staff**

1. Faculty and staff shall exercise caution in the preparation, duplication and security of examinations.
2. Faculty shall take reasonable steps consistent with the physical conditions of the classroom to reduce the possibility of cheating on examinations.

### **Procedures**

If a faculty member believes the policy on academic honesty has been violated, the following procedures shall be followed:

1. The faculty member may choose to discuss the incident and/or the process to be followed with a department chair.

2. The faculty member discusses the incident with the student.
3. Responsive options
  - a. If the student admits violating the policy on academic honesty, or if the student is unavailable to discuss the incident with the faculty member, the faculty member may decide the penalty, which may include failure of the examination, assignment, or course. The faculty member will submit the student's name, a written description of the alleged violation, and the penalty to the academic dean and to the student. If the student admits violating the policy, she/he will acknowledge admission in writing to the academic dean.
  - b. If the student denies violating the policy on academic honesty and the faculty member is not persuaded of the student's innocence, the faculty member will decide on the penalty, which may include failure of the examination, assignment or course. The faculty member will submit the student's name, a written description of the alleged violation, and the penalty to the academic dean and to the student.
  - c. If the student is not enrolled in the class in which the alleged violation occurred (e.g., the student sold his/her paper from last term, or took a test for another student), the academic dean will discuss the incident with the student and take appropriate action.
4. In addition, the academic dean may investigate any matter involving academic honesty when he/she has additional information about previous violations concerning the student involved. The Administrative Hearing procedures may be used and other penalties may be levied.
5. If an alleged violation took place in a class taught by the academic dean, then the academic vice president and dean of faculty will appoint a department chair (other than the chair of the department in which the academic dean taught) to assume the academic dean's role.

### **Records**

Records involving cases of suspected academic honesty will be maintained in the academic dean's office.

### **Academic Honesty Appeals Process**

Simple disagreement with a faculty member is not sufficient basis for an academic honesty appeal. An appeal may be granted when there is (1) reasonable claim of new evidence likely to have a significant effect on the outcome of the hearing, (2) evidence of significant irregularity in the initial sanctioning process, and/or (3) imposition of an inappropriate or excessive penalty.

A petition for appeal of a faculty decision must be submitted in writing to the academic dean within ten (10) days of written notification of the decision. The petition for appeal must be sufficiently detailed to allow for reasonable judgment on whether to grant the petition.

If an appeal is denied by the academic dean, no further institutional recourse is available. If an appeal is granted, the academic dean will assemble an Academic Honesty Appeals Board of an impartial group of faculty, staff and students. The

board will consist of the academic dean (chair, nonvoting member), two faculty members, two students, and a staff member selected by the academic dean. In the event that a faculty member and/or student feels that he or she should not participate in the hearing of a particular case, the academic dean can appoint other faculty and/or student members. A voting member of the board is not permitted to abstain from voting once the facts and issues of the case have been presented. If the academic dean grants an appeal, a hearing will take place within ten (10) working days unless the college is not in session, in which case, the hearing will take place as promptly as circumstances allow. During an Academic Honesty Appeals Board hearing, all parties will have the opportunity to present evidence and arguments relevant to the disputed decision.

An Academic Honesty Appeals Board hearing may result in one of the following actions: (1) confirmation of the original faculty decision, (2) confirmation of the original faculty decision and alteration of the original penalty, or (3) reversal of the original faculty decision and cancellation of the original penalty.

### **Burden of Proof/Evidentiary Standards**

Formal rules of evidence do not apply; however, evidence must conform to basic standards of fairness. The accused is presumed innocent and the accuser must present sufficient evidence to demonstrate a violation of the Academic Honesty policies to a reasonable person. The Academic Honesty Appeals Board shall not consider written statements against a student or faculty member unless the student or faculty member has been advised of their content, the identity of those who made them, and has been given the opportunity to rebut unfavorable inferences which might be drawn from them. A simple majority is required for a valid finding and for sanctioning.

### **Hearing Advisor**

A student or faculty member involved with an Academic Honesty Appeals Board hearing, either as a party or as a witness, may be accompanied during the hearing by an advisor from within the Colby-Sawyer College community, exclusive of legal counsel or members of the Academic Honesty Appeals Board. Such advisors may confer with the student or faculty member during the hearing but may not participate in the hearing or speak in place of the involved party.

### **Notice**

An Academic Honesty Appeals Board will verbally notify the accused and the accuser of their decision on the day of the hearing. Written notification of the appeals decision will be returned to the accused and the accuser within five (5) days of the hearing.

### **Midsemester Grades**

A professor may confer at any time during the semester with a student believed to be in academic difficulty. Midsemester grades may be issued by professors to inform students of their progress in a course at midsemester. Midsemester grades

are required for first-year students and for students whose midsemester grade is below C. These grades are available to the student, the student's academic advisor, and the director of student affairs. Students should confer with both the professor and academic advisor to determine the best method of ensuring students' academic progress and success.

### **Adding, Dropping, and Withdrawing from Courses**

The College Calendar has specific dates for adding, dropping, and withdrawing from courses. Prior to the deadline to Add and Drop classes, students make adjustments to their schedule on-line using PowerCAMPUS Self Service. After the Add/Drop deadline, students wishing to Withdraw from a course must do so by completing an Add/Drop form and submitting it to the Registrar's office. Students must obtain the signatures of the course's professor and their advisor prior to submitting the form. The responsibility for completing and submitting the form rests with the student. It is recommended that students check their course registrations periodically for accuracy and confirmation of changes submitted. A student cannot receive a grade for a course in which s/he is not officially registered. Conversely, a student remains enrolled in a course(s) and is responsible for fulfilling course requirements until s/he has filed a completed Add/Drop form with the registrar's office.

**Adding Courses:** Students may add courses and make credit adjustments to variable credit courses until the end of the first week of classes. (See College Calendar)

**Dropping Courses:** Students may drop courses until the end of the first week of classes. Courses dropped during this period will not appear on the student's academic transcript. (See College Calendar)

**Withdrawing from Courses:** Students may withdraw from a course without grade penalty between the second week and the eighth week of classes. Courses will appear on the student's academic transcript with a grade of either W (Withdrawn) or WA (Administratively Withdrawn) depending on the circumstances. Grades of W and WA are not factored in the grade point average. (See College Calendar)

A grade of F (Failure) will be posted to the student's transcript for any course(s) from which the student is withdrawn after the deadline to withdraw from courses, whether student- or professor-initiated.

A professor may withdraw a student from a course at any time during the semester by providing a written explanation and notification to the academic dean, the registrar, the advisor, and the student.

### **Part-time Status**

If students change from full-time (at least 12 credits) to part-time status either prior to the beginning of a semester or during a semester, the following may be affected: campus housing, financial aid, health and counseling services, health insurance, athletic eligibility, tuition and fees, and F-1 student immigration status. Please contact the appropriate offices for specific details.

## Examinations

Professors may choose to evaluate student learning at any time. It is customary to inform students of examinations at least one week in advance. While papers and projects may be due at any time, no examinations or quizzes will be given during the final five class days of the semester.

No changes in the final exam schedule may be made by students or faculty. Students with three exams in one day may contact the registrar at least one week prior to the start of the exam period if they wish to reschedule one exam. All students are expected to schedule travel arrangements and other appointments in a manner that avoids conflict with the exam schedule.

## Leave of Absence Policy

Colby-Sawyer allows students to interrupt their study for two semesters for an Educational Leave of Absence (ELOA). Students may apply for an ELOA to study at another approved institution here or abroad and request that the grades and credits be accepted by Colby-Sawyer College.

The Colby-Sawyer College registrar must approve all courses prior to enrollment and students must earn a minimum grade of C (2.00) in each course to receive transfer credit. Grades for transferable academic credits earned at accredited institutions during the leave will become part of the student's permanent record and cumulative grade point average. It is the student's responsibility to provide the Colby-Sawyer College Registrar's Office with an official transcript for courses taken at another college or university.

An ELOA does not affect the completion of college residency or academic requirements. An approved leave assures that degree requirements of the program in which the students are enrolled will remain unchanged for them or will be negotiated as appropriate. However, it does not guarantee the student's return to the residence hall occupied prior to the leave.

### Application for an Educational Leave of Absence

Students who choose to take an Educational Leave of Absence (ELOA) should have an exit interview with the registrar and complete the Application for an Educational Leave of Absence form. Also, students must have exit interviews with other appropriate offices. Applications are available from the registrar's office.

### Returning from an Educational Leave of Absence

Students who plan to return to the college after an Educational Leave of Absence (ELOA) must register for courses by June 1 for the fall semester or by January 1 for the spring semester. Students who do not register for courses by these dates will be withdrawn from the college, and the withdrawal will be dated from the last day of the semester for which they began their ELOA.

Prior to returning to the college, the student is responsible for contacting the Registrar's, Business, Financial Aid, Residential Education (if a resident student), and International Students (if a F-1 student) Offices.

## Withdrawal Policy

Enrolled students who withdraw during a semester before the deadline to drop a course with no penalty will receive a W for their courses. Students who withdraw after the deadline to drop a course with no penalty but before the semester ends will receive a grade of F in each of their courses. See the College Calendar for specific dates.

Students who *choose* to withdraw from the college should contact the Registrar's Office and complete the Application for Withdrawal form. The last date of attendance (also known as the effective date of withdrawal) will be set as the last day the student received services from the college, including any of the following: attended a class, ate in a college dining facility, had belongings in a residence hall, or received services from any college office or program. If this date cannot be determined, the last date of attendance will be set as the day the registrar's office withdraws the student. In cases when a student is withdrawing at the end of a semester, the last date of attendance will be the last day of the final exam period.

### Student-initiated Withdrawal

Students who *choose* to withdraw from the college should contact the Registrar's Office and complete the Application for Withdrawal form.

### Suspension

The college reserves the right to place students on an administrative suspension for academic, behavior, financial, social or medical reasons. Students who are suspended from the college will be administratively withdrawn. Students who wish to return to the college should refer to the procedures below.

### Dismissal

Students who are dismissed from Colby-Sawyer will be administratively withdrawn and may not be readmitted.

## Procedures for Returning from a Withdrawal

### Student-initiated Withdrawal

A student who wants to re-enroll within one year after a student-initiated withdrawal must submit a written request for reinstatement to the Registrar's Office. Students who want to return after one year away from the college must reapply to the college through the Admissions Office.

### Administrative Withdrawal

Students who are suspended are eligible to reapply to the college after a specific period of time. Students who plan to return to the college from an administrative suspension must submit the appropriate documentation to the administrative office before being reinstated. Decisions to readmit will be made by the appropriate administrative staff member.

## Transcript Policy

Official transcripts are maintained by the Registrar's Office for all academic work attempted at Colby-Sawyer College. In compliance with federal laws designed to protect privacy, transcripts are not released without the student's authorizing sig-

nature. Current students may order transcripts by using PowerCAMPUS Self-Service. Former students must submit a transcript request form found on the college's Web site: [www.colby-sawyer.edu](http://www.colby-sawyer.edu) (type transcript request form in the site search box). Generally, a reasonable number of transcripts will be issued free of charge, but the Registrar's Office reserves the right to charge a fee for requests of more than two transcripts to the same address. Transcripts will not be furnished for students or former students whose financial obligations to the college have not been satisfied. Requests for transcripts must include the student's signature and dates of enrollment at Colby-Sawyer College and be sent to the Registrar's Office, Colby-Sawyer College, 541 Main Street, New London, NH 03257.

### Selection of Major and Major Acceptance

Students must be officially accepted into a major through Major Acceptance. When applying for Major Acceptance students must follow the Major Acceptance requirements for the year in which they apply as listed on myHarrington Center in the myColby-Sawyer Share point site (intranet portal). The Major Acceptance Application and Faculty Recommendation forms are embedded in the requirements for each major. Once Major Acceptance has been completed, students are responsible for completing the requirements for the major as listed for the year they complete Major Acceptance.

Major Acceptance application forms are available from academic advisors. The registrar's office notifies the student in writing of the department's decision. The successful completion of Major Acceptance formalizes a student's entry into a baccalaureate major.

It is strongly recommended that students apply for Major Acceptance during the semester in which they will complete 54 credits. A student whose candidacy is not approved by the department may submit a second application after all the requirements have been fulfilled. Students must apply for Major Acceptance no later than the semester in which they will complete 86 credits. *Academic departments reserve the right to prevent a student from registering for courses for the next semester if the student will complete 86 credits in the current semester and their candidacy has not been approved by the department.* It is the student's responsibility to ensure that the application is complete and submitted by the deadline listed on the College Calendar.

### Double Major

Sometimes students wish to pursue two major programs rather than select a single major and a minor. Occasionally a double major is possible, although students are strongly cautioned against this choice unless they are willing to accept the possibility of taking more than four years to graduate. Students who intend to pursue two majors must work out a plan with their advisor and the chair from each major's department. The plan should provide detail of how the requirements will be met for each major. The student should submit the plan, including a statement of approval from the advisor and the appropriate department chair(s), to the academic dean.

No more than four courses completed to satisfy the requirements for one major may be counted toward the requirements for the other major. The student's tran-

script will list each degree and major. A student will receive two diplomas if the degrees are different (such as a BA, BFA or BS), but only one diploma if the degrees are the same.

### Release of Educational Records

The Family Educational Rights and Privacy Act (FERPA) states that upon reaching the age of 18 or attendance at a post-secondary institution (regardless of age) FERPA rights transfer to the student. Colby-Sawyer College releases to students information from their educational records such as grades earned and academic status. Both midsemester and final grades are available to students from their on-line accounts. Students are encouraged to share this information with their parents or guardians.

Under certain circumstances, however, grades and/or information concerning academic status may be released directly to parents or other individuals. Annually, students are asked to provide names and addresses of their parent(s) or other individuals to whom the grade reports and letters of academic status may be released. This form is available from the colleges' Web site. Those records are released directly to the individual(s) identified by the student under any of the following conditions:

#### 1. Midsemester Grades:

- students who have two or more midsemester grades below C
- students who are on academic probation from the previous semester and have at least one midsemester grade below C

#### 2. Final Grades:

- students who have been placed on dean's list
- students who have been placed on academic probation
- students who have been suspended for academic reasons
- students who have been dismissed for academic reasons

Students who wish to have grade reports mailed to themselves and/or parents/guardians regardless of academic standing must complete a separate authorization form available in the registrar's office and from the college's Web site.

### Family Education Rights and Privacy Act (FERPA) Policy

The Family Educational Rights and Privacy Act (FERPA, also known as the Buckley Amendment) allows students certain rights with respect to their educational records. These rights include:

#### 1. The right to inspect and review the student's education records within 45 days of the day the college receives a request for access.

Students should submit to the registrar, dean, or appropriate college official written requests that identify the record(s) they wish to inspect. The college official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the college official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

**2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.**

Students may ask the college to amend a record that they believe is inaccurate or misleading. Students should write the college official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the college decides not to amend the record as requested by the student, the college will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

**3. The right to consent to disclosure of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.**

One exception, that permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is defined as a person employed by the college in an administrative, supervisory, academic, or support staff position (including campus safety and health staff); a person or company with whom the college has contracted (such as an attorney, auditor or collection agent); a person serving on the board of trustees; or a college employee assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record to fulfill his or her professional responsibility.

The college expressly reserves the right to release information about a student to parents, guardians, or other appropriate persons when necessary to ensure or protect the health, safety, and well being of the student or other persons.

**4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the college to comply with the requirements of FERPA.**

The name and address of the Office that administers FERPA:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-5920

## Directory Information Public Notice

Colby-Sawyer College, at its discretion, may provide directory information in accordance with the provisions of the Family Educational Rights and Privacy Act. Directory information is defined as information that would not generally be considered harmful or an invasion of privacy if disclosed. Designated directory information at Colby-Sawyer College includes the following: student's name, college address, college telephone number, college e-mail address, major field of study, enrollment status, grade level, date of birth, participation in officially recognized activities and sports, dates of attendance, degrees, honors and awards received, and most recent education agency or institution attended.

Students may request to withhold directory information by notifying the registrar in writing. **Note that withholding requests are binding for all information to all parties other than for educational purposes.** Students should consider all aspects of a directory hold prior to filing such a request. The initial request may be filed at any time. Requests for nondisclosure will be honored by the college for no more than one academic year. Reauthorization to withhold directory information must be filed annually in the academic dean's office within the first two weeks of the fall semester. Please note, however, that if a student, at his or her last opportunity as a student, requested that directory information not be disclosed, the college will continue to honor that request until informed to the contrary. Colby-Sawyer College assumes no liability as a result of honoring a student's instructions that directory information be withheld.

## Honors and Awards

### Graduation Honors

Students graduate cum laude, magna cum laude, or summa cum laude according to the following minimum requirements:

<b>cum laude</b>	Cumulative grade point average of 3.50 to 3.64 at the time of graduation
<b>magna cum laude</b>	Cumulative grade point average of 3.65 to 3.79 at the time of graduation
<b>summa cum laude</b>	Cumulative grade point average of 3.80 or higher at the time of graduation

### Academic Awards

All May graduates, regardless of participation in the ceremony are eligible for awards at commencement. All December graduates, regardless of when or if they participate in a commencement ceremony, are eligible for awards in the May following completion of their degree requirements.

#### Alpha Chi Award

This award is given to a graduating Alpha Chi student who, in the opinion of the members of Alpha Chi and the Alpha Chi Associates, best exemplifies the ideals of the society—truth and character—through work at the college in support of chapter activities.

#### Athletic Academic Honor Roll

In the fall of 2002, the Athletic Department instituted the Athletic Academic Honor Roll. Each semester the director of athletics and the faculty athletics representative publicly recognize student-athletes who have earned a 3.00 GPA or higher for a semester.

### **Baccalaureate Awards**

Baccalaureate awards are presented to the graduating students in each baccalaureate program who are selected by the faculty for their interest in and excellence within the major. The Dr. Margaret “Marnie” Kurtz Award is given to a student whose major is business administration, the Carl M. Cochran Award to a student whose major is English, and the Grace Adella Sheldon Graves Award to a student whose major is nursing. Recipients must be full-time students and have completed at least 50 percent of the credits for graduation at Colby-Sawyer.

### **Capstone Experience Awards**

The Capstone experience differs from major to major, but its purpose is to ensure that all seniors demonstrate their accumulated knowledge through action, and effectively communicate their knowledge and actions to others in an interdisciplinary setting.

### **Class Academic Awards**

Awards are given by the college each fall to the rising sophomore, junior, and senior who rank highest in scholarship in the appropriate class. The recipients must be full-time students who have completed at least 50 percent of their credits at Colby-Sawyer College.

### **Richard Crosby Memorial Award**

This award, established in 1976 in honor of Professor Crosby, a member of the English Department from 1952 to 1976, may be awarded annually to a student for excellence in British literature.

### **Gula Graves Plummer Award**

This award is given to the student or students who have distinguished themselves through the exercise of spiritual and/or moral leadership in the college community, or through academic work informed by their religious commitments.

### **Scholar-Athlete Award**

The Wynne Jesser McGrew Senior Scholar-Athlete Award may be given to the graduating female senior who, in the opinion of the Athletic Advisory Council, has made significant contributions to both the scholastic and varsity programs of the college.

The Senior Scholar-Athlete Award may be given to the graduating male senior who, in the opinion of the Athletic Advisory Council, has made significant contributions to both the scholastic and varsity programs of the college.

### **The James Duane Squires Book Award**

The James Duane Squires Book Award was established in December 1996 to honor former Colby-Sawyer College professor James Duane Squires. Professor Squires was a faculty member from 1933 to 1970 and served as chair of the Social Sciences Department for all but two of those years. He also served as director of public affairs for many years. This award is presented by the academic vice president and dean of faculty based upon recommendations made by faculty members. The goal of the award is to recognize and honor students' specific academic performances above and beyond expectations.

### **Edith Stockman Ruettinger Award**

This award is named in honor of a member of the Class of 1932. Each fall, it is presented to a female junior student in the Liberal Arts Program who is continuing her education toward a bachelor's degree. The recipient is selected by the academic dean and the dean of students on the basis of scholarship, character, future goals and need.

### **Guy Floyd Williams Award**

This award may be presented to a graduating senior majoring in science who has helped to maintain and perpetuate the ideals of the college during the student's years at Colby-Sawyer and who, through appropriate conduct, scholarship and decorum, has exemplified the spirit of the college.

### **David H. Winton Baccalaureate Award**

This award is named in honor of a longtime trustee, chair of the board, and benefactor of Colby-Sawyer College. Each year it is presented at Commencement to the graduating baccalaureate student who ranks highest in scholarship in his or her class. The recipient must be a full-time student and have completed at least 50 percent of the credits for graduation at Colby-Sawyer.

## **Service and Leadership Awards**

All May graduates, regardless of participation in the ceremony are eligible for awards at commencement. All February and October graduates, regardless of when or if they participate in a commencement ceremony, are eligible for awards in the May following completion of their degree requirements.

### **Colby-Sawyer Award**

This award is given by the college to a graduating student who, in the opinion of the faculty, best exemplifies the ideals of the college in personal dignity, intellectual growth, contribution to campus life, and constructive influence upon other students.

### **Colby-Sawyer College Distinguished Service Awards**

These awards are given to students who have made a distinguished contribution to campus life through significant services to a particular organization or a major campus event. These students consistently support, encourage, or guide a range of organizations or activities.

### **Graduate Award**

The Graduate Award is presented to a member of the preceding graduating class whose character and influence most constructively affected the majority of the senior class members. This award was established by Mrs. J. Thaddeus Hildreth, mother of Elizabeth Hildreth Cameron '33 and grandmother of Judeen Cameron Barwood '59.

### **Ann Gulick Award**

Established in memory of a member of the Class of 1954 by her classmates, this award is presented each fall to the sophomore student who best exemplifies, through voluntary service, the qualities of reliability, loyalty and unselfishness. The recipient of this monetary award is chosen by vote of the sophomore class.

### **Sawyer Fellowship Awards**

Sawyer Fellowships recognize and promote high levels of achievement in all aspects of campus life for students at Colby-Sawyer College. The Fellowships recognize students who have contributed significantly to campus life in academic programs, the fine and performing arts, athletics, residential life, co-curricular life, or other educational programs.

### **Senior Achievement Awards**

These awards are presented each year to two graduates, one male and one female, who have distinguished themselves through leadership in the cocurricular life of the college.

### **Barbara Johnson Stearns Award**

Established in honor of a member of the Class of 1932, this award honors a senior female and male student who have demonstrated exemplary leadership and dedication to the college community.

## **Honor Societies**

All May graduates, regardless of participation in the ceremony are eligible for awards at commencement. All December graduates, regardless of when or if they participate in a commencement ceremony, are eligible for awards in the May following completion of their degree requirements.

### **Dean's List**

At the end of the fall and spring terms, the college publicly recognizes those students who have distinguished themselves through their superior academic achievement by placing their names on the dean's list. To qualify, students must achieve a grade point average of 3.50 or better while carrying a minimum of 12 credits in graded courses. Courses graded Pass/Fail may not be included as part of the 12 credits.

### **Alpha Chi**

The Colby-Sawyer Chapter of this national honor society recognizes the academic achievement of juniors and seniors. To be eligible for membership, students must rank in the top 10 percent of the junior or senior class and demonstrate the Alpha Chi values of truth and character. Each candidate must have completed at least one-half of the credits for graduation and have been enrolled as a full-time student at Colby-Sawyer College for at least one academic year prior to election.

Alpha Chi Associate membership is awarded to sophomores who have completed at least 24 credits (one-half at Colby-Sawyer) with a 3.50 or higher cumulative grade point average and demonstrate the Alpha Chi values of truth and character. These students participate in all Alpha Chi activities and serve as associates during their sophomore year only. To become regular members of the society, they must fulfill the appropriate Alpha Chi eligibility requirements for junior and seniors. Further information about Alpha Chi membership and activities is available from the society's faculty sponsor.

### **Lambda Pi Eta Honor Society**

The purpose of this national honor society in communication studies is to foster and reward outstanding scholastic achievement in the field of communication. Members must have completed 60 credits, with 12 in communication studies courses, have a minimum cumulative grade point average of 3.00, a minimum grade point average of 3.25 in communication studies courses, and rank in the top 30 percent of their class.

### **Psi Chi**

The Colby-Sawyer chapter of Psi Chi, the National Honor Society in Psychology, was installed in 1999. The purpose of this honor society is to encourage, stimulate and maintain excellence in scholarship, and to advance the science of psychology. To be eligible for membership, a student must rank in the top 35 percent of the class, have a minimum cumulative grade point average of 3.00, have completed at least three college semesters and nine credits of psychology courses with a minimum grade point average of B (3.00) in those courses, and be enrolled as either a psychology or child development major, or a psychology minor. Further information is available from the society's faculty sponsor at Colby-Sawyer College or from the national organization.

### **Sigma Beta Delta**

Sigma Beta Delta, the Colby-Sawyer College chapter of the International Honor Society in Business, Management and Administration, honors academic excellence and integrity of business administration majors. To be eligible for membership, business administration majors must rank in the top 20 percent of seniors or the top 10 percent of juniors and have a minimum cumulative GPA of 3.00. In addition, students must have a record of academic honesty and integrity and embrace the ideals of Sigma Beta Delta through practice of its principles of wisdom, honorable service, and the pursuit of meaningful aspirations. Further information is available from the college's faculty sponsor or from Sigma Beta Delta.

### **Colby-Sawyer College Honor Society for Nursing**

The Colby-Sawyer College Honor Society for Nursing was founded in the fall of 2000 as a step in becoming a chapter of Sigma Theta Tau, the international honor society in nursing. Sigma Theta Tau is dedicated to improving the health of people worldwide through increasing the scientific base of nursing practice. Although chapters are housed in institutions of higher education, active members are nursing scholars committed to the pursuit of excellence in clinical practice, education, research and leadership. Undergraduate nursing students may be invited to become members of the honor society if they have achieved senior standing in the nursing program, have a minimum GPA of 3.00, rank in the upper 35 percent of their graduating class, meet the expectation of academic integrity, and obtain faculty endorsements. For further information about the Honor Society or Sigma Theta Tau, contact the faculty sponsor.



## Index

### A

Academic Appeals 204  
 Academic Awards 215  
 Academic Dismissal 203  
 Academic Honesty 205  
 Academic Probation 203  
 Academic Review Board 204  
 Academic Suspension 203  
 Accreditation 1  
 Adding Courses 209  
 Additional Curricular Opportunities 186  
 Alpha Chi 218  
 American Studies Courses 13  
 American Studies Minor 13  
 Art Courses 26  
 Art Exhibitions 26  
 Art History Courses 17  
 Art History Major 15  
 Art History Minor 17  
 Arts 14  
 Arts Majors 20  
 Associate Degree 11  
 Athletic Eligibility 204  
 Athletic Training Education Program 87  
 Auditing Courses 198  
 Awards 215

### B

Baccalaureate Degrees 9  
 Biology Courses 38  
 Biology Major 35  
 Biology Minor 38  
 Business Administration Courses 45  
 Business Administration Major 43  
 Business Administration Minor 45

### C

Capstone 8  
 Chemistry Courses 52  
 Chemistry Minor 52

Child Development Courses 56  
 Child Development Major 54  
 Child Development Minor 56  
 Classroom Responsibilities 205  
 Class Standing 203  
 CLEP (College-Level Examination Program) 197  
 Coaching Certificate 93  
 Course Credit and Course Load 197  
 Course Offerings 12  
 Creative Writing Major 180  
 Credit and Exemption Examinations 198  
 Curriculum 3

### D

Dance Courses 61  
 Dean's List 218  
 Directory Information Public Notice 214  
 Dismissal 203  
 Double Major 212  
 Dropping Courses 209

### E

Early Childhood Education Teacher Preparation 65  
 Economics Courses 62  
 Education 64  
 Educational Leave of Absence Policy 210  
 Education Courses 67  
 Education Minor 66  
 English Courses 70  
 English Major 68  
 English Minor 69  
 Environmental Science Courses 81  
 Environmental Science Major 77  
 Environmental Studies Courses 81  
 Environmental Studies Major 79  
 Environmental Studies Minor 81  
 Examinations 210  
 Excelsior College Examination Program 197  
 Exemption Examinations 198

Exercise and Sport Sciences Courses 94  
 Exercise Science Major 90  
 Exploration Areas and Courses 5

### F

Family Education Rights and Privacy Act (FERPA) 213  
 Field Study Semester 192  
 Film Studies Minor 127

### G

Government Courses 104  
 Grade Appeal 202  
 Grading System 199  
 Graduate School Opportunities 194  
 Graduation Honors 215  
 Graduation Requirements 196  
 Graphic Design Major 24

### H

Health Care Management Major 105  
 Health Studies Courses 111  
 Health Studies Minor 111  
 Health Studies Programs 107  
   Health Promotion and Wellness Program 107  
   Public Health Program 109  
 History Courses 116  
 History Minor 116  
 History, Society and Culture Courses 120  
 History, Society and Culture Major 114  
 Honor Societies 218  
 Honors Program 121, 190  
 Humanities Courses 122

### I

Independent Study 187  
 Interdisciplinary Studies 122  
 International Studies Courses 123  
 International Studies Minor 122  
 Internships 187

### L

Lambda Pi Eta 219  
 Leadership Awards 217

Leave of Absence Policy 210  
 Liberal Education Program 3

### M

Major Acceptance 212  
 Majors 10  
   Art History 15  
   Athletic Training 87  
   Biology 35  
   Business Administration 43  
   Child Development 54  
   Creative Writing 180  
   English 68  
   Environmental Science 77  
   Environmental Studies 79  
   Exercise Science 90  
   Graphic Design 24  
   Health Care Management 105  
   Health Studies 107  
     Health Promotion and Wellness Program 107  
     Public Health Program 109  
   History, Society and Culture 114  
   Media Studies 126  
   Nursing 140  
   Philosophy 153  
   Psychology 159  
   Sociology 169  
   Sports Management 91  
   Studio Art 20  
 Mathematics Courses 124  
 Media Studies Courses 128  
 Media Studies Major 126  
 Media Studies Minor 127  
 Midsemester Grades 208  
 Minors 11  
   American Studies Minor 13  
   Art History Minor 17  
   Biology Minor 38  
   Business Administration Minor 45  
   Chemistry Minor 52  
   Child Development Minor 56  
   Education Minor 66

English Minor 69  
Environmental Studies Minor 81  
Film Studies Minor 127  
Health Studies 111  
History Minor 116  
International Studies Minor 122  
Media Studies Minor 127  
Philosophy Minor 155  
Psychology Minor 160  
Sociology Minor 170  
Studio Art Minor 25  
Women's Studies Minor 179  
Writing for Publication Minor 182  
Multidisciplinary Studies Course Offerings 137  
Multidisciplinary Studies Major 136  
Music Courses 139

**N**  
Notice of Nondiscrimination ii  
Nursing Courses 143  
Nursing Honor Society 219  
Nursing Major 140

**O**  
Off-Campus Coursework 198

**P**  
Part-time Status 209  
Pass/Fail Option 201  
Pathway Courses 147  
Philosophy Courses 155  
Philosophy Major 153  
Philosophy Minor 155  
Physics Courses 158  
Portfolio 9  
PowerCAMPUS Self-Service 200  
Pre-Law Curriculum 193  
Pre-Medical Curriculum 192  
Pre-Physical Therapy Curriculum 193  
Pre-Veterinary Curriculum 192  
Psi Chi 219

Psychology Courses 160  
Psychology Major 159  
Psychology Minor 160  
Public Health Program 109

## R

Release of Educational Records 213  
Religious Studies Courses 166  
Repeating Courses 201  
Residence Requirements 197  
ROTC Programs 191

## S

Satisfactory Academic Standing 203  
Satisfactory Progress 202  
Science Courses 167  
Service Awards 217  
Sigma Beta Delta 219  
Sociology Courses 170  
Sociology Major 169  
Sociology Minor 170  
Sport Management Major 91  
Student Classroom Responsibilities 205  
Student Exchange 190  
Studio Art Majors 20  
Studio Art Minor 25  
Study Abroad 191  
Suspension 203

## T

Teaching Assistantships 189  
Theatre Courses 174  
Transcript Policy 211

## W

Washington Internship Institute 177  
Withdrawal Policy 211  
Withdrawing from Courses 209  
Women's Studies Courses 179  
Women's Studies Minor 179  
Writing Courses 182  
Writing for Publication Minor 182