Catalog

2005–2006

Colby-Sawyer College

541 Main Street
New London, NH 03257

(603) 526-3000
www.colby-sawyer.edu
Colby-Sawyer College

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New England Association of Schools and Colleges
209 Burlington Road
Bedford, MA 01730-1433, USA
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www.neasc.org/cihe/cihe.htm

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Programs that award degrees appear in bold print.
College Academic Calendar 2005–2006

Fall Semester
New Students Arrive/Orientation Begins ......................... September 9
Convocation .......................................................... September 9
Returning Students Arrive ........................................ September 11
First Day of Classes .................................................. September 12
Deadline to Add/Drop Classes ................................... September 19
Spring Internship Application Deadline ....................... October 5
Pass/Fail Deadline .................................................... October 7
Family Weekend ....................................................... October 7-9
Major Acceptance Application Deadline ..................... October 14
Fall Recess (no classes) ............................................ October 17 and 18
Deadline to Remove an Incomplete Grade ................... October 21
Teacher Preparation Application Deadline .................. October 28
Deadline to Submit Midsemester Grades ................... October 28
Deadline to Withdraw from Classes ......................... November 9
Spring Registration .................................................. November 14-17
Thanksgiving Recess (no classes) ............................. November 23-27
Classes Resume ....................................................... November 28
Last Day of Classes .................................................. December 16
Reading Day ........................................................... December 17, 19-21

Spring Semester
New and Returning Students Arrive ......................... January 22
First Day of Classes ................................................ January 23
Deadline to Add/Drop Classes ................................ January 30
Pass/Fail Deadline .................................................... February 17
Winter Recess (no classes) ........................................ February 20
Deadline for Returning Student Fall Registration Deposit ........... March 1
Deadline to Remove an Incomplete Grade ................ March 3
Major Acceptance Application Deadline ................ March 3
Summer and Fall Internship Application Deadline .......... March 5
Deadline to Submit Midsemester Grades ................ March 10
Teacher Preparation Application Deadline .............. March 10
Spring Recess (no classes) ...................................... March 11-19
Deadline to Withdraw from Classes ......................... March 29
Fall Registration ..................................................... April 3-5
Last Day of Classes ................................................ May 2
Reading Days ......................................................... May 4 and 7
Final Examinations .................................................. May 3, 5, 6, 8
Commencement ...................................................... May 13
THE COLLEGE
Colby-Sawyer College

Mission Statement

Colby-Sawyer College, founded as a coeducational academy in 1837 and engaged in higher education since 1928, is an independent, coeducational, residential, undergraduate college that strives to lead in offering coequal education to women and men. The college provides programs of study that innovatively integrate liberal arts and sciences with professional preparation. Through all of its programs, the college encourages students of varied backgrounds and abilities to realize their full intellectual and personal potential so they may gain understanding about themselves, others and the forces shaping our rapidly changing and pluralistic world.

Colby-Sawyer College fosters academic excellence and individual development in an environment that:

- is committed to liberal studies as a foundation for lifelong learning;
- provides close interaction among faculty, staff and students;
- emphasizes the importance of internship and other complementary educational experiences as a component of its academic programs;
- challenges students to participate in leadership opportunities in and out of the classroom as a way of enhancing their individual development; and
- prepares graduates to define and pursue varied personal, educational and career options.

Key Elements of the Mission

- Innovative integration of the liberal arts and sciences with professional preparation
  A Colby-Sawyer education combines the values of liberal studies in the traditional arts and sciences with those of professional preparation. The Liberal Education Program fosters the development of skills and competencies and the acquisition of knowledge that is essential for all students.

  Through a variety of major programs, students develop the knowledge and abilities that are required in the profession of their choice.

  This approach to integrating liberal and professional studies provides the finest foundation for developing student potential and for preparing students to define and pursue their personal, educational and career goals. The college accepts the challenge of continuing to discover and offer innovative approaches that encourage students to acquire the values, skills, competencies and knowledge that will serve them well in the future.

- Liberal education as a foundation for lifelong learning
  As students acquire the values, skills, competencies and knowledge cited above, they begin the process of preparing to be lifelong learners. However, they also must develop an attitude of continuing openness to new learning and understand that this is essential for personal and professional fulfillment and success. Colby-Sawyer faculty and staff serve as role models for students by communicating directly their love for learning, engagement in and enthusiasm for the acquisition of new knowledge, and joy in the process of discovery. Since close-knit faculty, staff, and student relationships form the cornerstone of the personalized
Colby-Sawyer educational experience, the college, in hiring and retaining faculty and staff, gives priority to those who are dedicated teachers and are engaged sufficiently in their scholarship to serve as models for continued learning and discovery; in short, those who are, themselves, lifelong learners.

- **Knowledge necessary for professional careers**
  Programs of study that are designed to prepare students for a particular profession provide opportunities to acquire the necessary theoretical and applied knowledge that permits students to function effectively in their field. Learning takes place on campus in classrooms, laboratories, studios, residence halls, career counseling and planning sessions at the Harrington Career Development Center, and in study sessions at the Academic Development Center. Off-campus internships and encounters with practicing professionals provide opportunities to integrate theoretical with practical learning. In each instance, students confront the challenges and issues that they will eventually encounter in their lives and careers.

- **Co-equal education**
  Colby-Sawyer College was founded as a coeducational academy in 1837 and is, therefore, one of the oldest educational institutions in New Hampshire. In 1990, after many years as a college dedicated to the education of women, Colby-Sawyer returned to its coeducational roots. As a result of its long and successful history, its faculty and administrators envision and are well prepared to offer an undergraduate education in which student learning is free from gender bias, individual differences are valued, and gender issues are understood. Men and women are encouraged to live, learn and work cooperatively; dialogue is characterized by respect for ideas as well as for personal experience. Colby-Sawyer faculty and staff believe that such an education serves students well and enhances the roles of men and women in society.

The mission statement expresses the educational philosophy of the college. To assure that everyone in the community uses the mission as the framework for planning, decision making and educational design, the college community has identified six learning outcomes that articulate more precisely the desired results of a Colby-Sawyer education.

**The Learning Outcomes**

A liberal education is never complete. It is a continuing process of discovering one's individual talents, developing one's abilities, and adapting to change. A liberal education involves development of knowledge, skills and attitudes. Liberal education takes place through all of the experiences of college life, both in and out of the classroom. Liberally educated persons understand that they are part of a broader community. They appreciate the need to serve in that community and be responsible for themselves, for others, and for the natural environment.

Colby-Sawyer students will:

- **Learn and use a broad body of knowledge with depth in their major fields**
  Through their liberal arts education, students will acquire knowledge produced by their experiences and the scholarly disciplines and will develop interdisciplinary understanding. Through their major program of study, students will gain significant depth of disciplinary knowledge, integrating the liberal arts and sciences with career preparation.
• **Enrich and deepen their self-knowledge**
  Students will explore the elements of their private and public selves and integrate their personal, social and academic experiences. They will explore the roles of intellect, emotion, body and spirit in a person’s well-being; and strive to lead lives that demonstrate responsibility to themselves, their society, and the earth.

• **Think creatively and critically**
  Students will analyze, evaluate, understand, and synthesize new information and respond to it in considered and creative ways. They will develop qualitative and quantitative skills and use evidence to support and question opinions, ideas, and beliefs in personal, public, and professional life. They will be able to put ideas together in new ways and to engage in hypothetical reasoning—to imagine that which does not yet exist.

• **Communicate and interact effectively**
  Students will articulate and understand their experiences through speaking, reading, writing, listening, movement, and the various modes of artistic appreciation and expression. They will develop competence with new and traditional methods of communication. They will apply these skills, demonstrating effective collaboration in their personal, social, and professional lives.

• **Act ethically and professionally**
  Students will understand the ethical standards of their society and professions, make considered choices in their academic, personal, and professional lives, and accept responsibility for those choices. Students will develop effective ways to make moral distinctions, attain the qualities of character required to act on their ethical principles, and behave in a professional manner.

• **Understand and employ multiple perspectives**
  Students will understand how diversity affects perspective. They will use personal, disciplinary, and interdisciplinary skills to explore the complexity of the past, present and future. Through their understanding of diversity and history, students will develop an active sense of themselves as members of varied local and global communities. They will interact successfully with people whose experiences and world views differ from their own.

**Values**

The mission statement conveys the values of Colby-Sawyer College. These values guide our individual and collective decisions, and those decisions support the achievement of the learning outcomes. In all that it does, the college demonstrates the values of:

**Excellence:** We strive for excellence as individuals and as a learning community, and we seek to continuously improve that which we do. To these ends, our learning community:

• deepens and broadens knowledge, interests, and perspectives in all of its members;
• assesses student needs, wants and outcomes of the educational experience;
• sets high academic expectations for our students while providing them the support they need to succeed;
• fosters an environment in which continuous improvement is valued and rewarded for students, faculty and staff;
• provides continuing faculty and staff professional development opportunities; and
• provides resources to support student learning.

**Responsibility:** We are responsible for the consequences of our choices as they affect not only ourselves but also others and the community. To that end, our learning community:
• supports student choice and exploration;
• respects individual choice;
• holds students responsible for their own learning and the consequences of their choices;
• promotes student self-assessment and goal setting; and
• provides support and mentoring for students in their learning and development.

**Community:** We communicate and collaborate freely to achieve our shared vision of the Colby-Sawyer College educational experience. To that end, our learning community:
• encourages clear and honest communication among its members and maintains a dialogue of integrity across the college;
• sets and maintains high standards of professional and ethical behavior;
• supports respect and collaboration among colleagues, students, and professional and local community members; and
• helps its members to acknowledge and work to resolve conflicts and to solve problems together.

**Connectedness:** We demonstrate our commitment to integrated learning and the connection of learning to life outside of the college. To that end, our learning community:
• fosters student learning outcomes across the college;
• emphasizes the interdisciplinary nature of learning and living;
• supports active and involved learning experiences in the classroom, the residence halls, student activities, internships, service learning, and volunteer and community settings; and
• assists students in making connections among disciplines and areas of experience and between their college and professional pursuits.
History of Colby-Sawyer

Colby-Sawyer College has responded to changing times and educational needs of students. The college originated in 1837 when a legislative charter was granted to 11 New London citizens for the purpose of establishing a school in the town. In May 1838, the academy welcomed its first students, who began what was to become a cherished tradition of education. The original New London Academy Building still stands on the New London town green.

Susan Colby served as the first teacher and principal. She later married James B. Colgate of New York and remained actively involved with the school’s progress. Each generation of Susan Colby Colgate’s family has been identified with the life of the college. Colgate Hall, the central academic and administrative building on campus, was the gift of her daughter, Mary Colgate. This special relationship with the Colby family was formally recognized in 1878 when the New London Academy was renamed Colby Academy.

In 1928, after 90 years as a coeducational academy, Colby Academy became a junior college for women. Under the strong leadership of President H. Leslie Sawyer, Colby Junior College acquired a national reputation. Enrollment grew and new buildings were constructed to meet the growing number of applicants to the college’s programs. In 1943 the college charter was amended to introduce baccalaureate programs. As these programs were gradually expanded, more students enrolled, and the character of the college shifted as women began to move in increasing numbers into the baccalaureate programs. In 1975 the college was renamed Colby-Sawyer in honor of its first president and in recognition of its expanded mission. In 1989 the Board of Trustees voted to admit both men and women, returning the college to its coeducational roots.

Dr. Sawyer served as president until his retirement in 1955. For the next 30 years his successors contributed to further growth, each one leaving an individual stamp on the college as a scholar and an educator. Presidents Eugene M. Austin (1955–1962) and Everett M. Woodman (1962–1972) shaped the development and diversity of the student body and had a vision for the future during a period of unusual prosperity. The college began its transition to a senior institution during the administration of Louis C. Vaccaro (1972–1978) and completed this change under the presidency of H. Nicholas Muller III (1978–1986). Dr. Muller was instrumental in the establishment of the Susan Colgate Cleveland Library/Learning Center, which won awards for its innovative design and today provides an environment that is extraordinarily conducive to study and learning. During the tenure of Peggy A. Stock (1986–1995), the college increased enrollment, completed a successful capital campaign, and renovated or constructed several buildings, including Rooke Hall.

Anne Ponder became the seventh president of Colby-Sawyer College in March 1996. Dr. Ponder has led the college to return the historic building now known as Lethbridge Lodge at Colby-Sawyer to campus for student use, to extend the college’s contiguous landholdings to 200 acres, to build two new residence halls, and to enhance academic facilities and programs.
Campus Facilities

Colby-Sawyer is located on the crest of a hill in New London, New Hampshire, in the heart of the Lake Sunapee region. The combination of beautifully maintained grounds and stately buildings creates a physically splendid environment for learning. Campus architecture ranges from the classic Georgian style of Colgate Hall to the contemporary architecture of the innovative Susan Colgate Cleveland Library/Learning Center. The campus is safe, comfortable and accessible. Students can walk to all buildings without leaving the campus or requiring special transportation.

William T. Baird Health and Counseling Center (1954)

This building, named for William T. Baird, former chair of the Board of Trustees, houses the college’s health and counseling services, which are available to all full-time matriculated students.

Baker Communications Center (1996)

The center, located on the third floor of Colgate Hall, was a gift from Martine Baker-Anderson ’59, in memory of her father, Elbert H. Baker II—it is a tribute to his distinguished career in the newspaper and communications industry. The center includes the college radio station (WSCS-FM); two electronic technology-enabled classrooms; offices for the student newspaper, The Colby-Sawyer Courier; a video studio and editing room; and academic spaces.

Colby Homestead (1800)

Beginning in February 2004, the Advancement Office (including Alumni Relations, Development, Research, Stewardship, the office of the Vice President of Advancement and the Adventures in Learning Program) have been located in the Colby Homestead. Previously, the building served as a private residence for college staff and administrators. The historic building, which the college purchased in 1981, once was the home of Anthony Colby, the governor of New Hampshire (1846–1847).

Colgate Hall (1911)

The central building on campus is Colgate Hall, built in 1911 to house the entire teaching and living facilities of Colby Academy. Reconstructed, altered and enlarged many times, this building constitutes the center of the college. Visitors are welcomed to Colgate Hall in the elegant Thornton Living Room. Colgate Hall houses the Admissions Office, other administrative offices, classrooms, bookstore, student computer facilities, and the Campus Safety Office. It also houses the departments of Business Administration, Social Sciences and Education, Nursing, and Humanities. Colgate Hall also houses large, sky-lit painting studios, and photography darkrooms and labs.

The building name honors the Colgate family, whose members were dedicated supporters of the college. Susan Colby, who became Mrs. James B. Colgate, was the first woman teacher and principal of Colby Academy. Her children, James C. Colgate and Mary Colgate, dedicated the building in 1912. The portico facing the college quadrangle was built in 1958, the gift of Mrs. Susan Colgate Cleveland and her sister Mrs. John Sloan, daughters of James C. Colgate.
Susan Colgate Cleveland Library/Learning Center (1985)

The library is named for Susan Colgate Cleveland, a longtime trustee and benefactor for the college and granddaughter of the college’s first teacher. The award-winning design was created using two pre–Civil War barns.

The five-level structure houses the Information Resources Department, which provides print and electronic resources, including full-text databases, books, periodicals, videotapes, audiocassettes, and compact discs. Fully automated with an online catalog of holdings and access to the Internet and World Wide Web, the library, with its spectacular view of the surrounding mountains, is a perfect place for quiet contemplation, reading and research. The technology-enabled training room with 12 PCs may be scheduled by faculty and staff for meetings and workshops. Wireless Internet access is available throughout the library. There are two computer areas with a total of 30 PCs for individual and collaborative use. A 25-seat computer classroom also is available for individual use when classes are not scheduled.

Cleveland, Colby, Colgate Archives (1996)

The archives were dedicated in June 1996 and named for three families who have played important roles in the history of Colby-Sawyer College and the Town of New London. The archives, located in the wing connecting the Colby Homestead to the Susan Colgate Cleveland Library/Learning Center, house records, documents, artifacts and other materials of significant historical interest to the college and the Cleveland, Colby and Colgate families.

Caretakers Cottage (1930)

The cottage is a nine-room building built in 1930 as a residence for the farm manager of the Colby Homestead. It was renovated in 1992. Situated near the Susan Colgate Cleveland Library/Learning Center, it now houses College Communications, the Office of Institutional Research, and the College Grants Writer.

Dan and Kathleen Hogan Sports Center (1991)

The center is named for Dan Hogan, a former trustee and benefactor of the college, and his wife Kathleen. The center provides a beautifully designed and fully equipped facility for athletic programs, student recreation and community fitness. The 63,000-square-foot building contains the multipurpose Coffin Field House with its suspended running/walking track; the Knight Natatorium six-lane swimming pool, locker rooms, and aerobics studio; the Elizabeth Kind Van Cise Fitness Center; Athletic Department offices; Chargers Club Conference Room; the sports medicine clinic; and racquet sports courts. The center is available to all students for individual fitness and recreation, intramurals and swimming. It is the primary facility for indoor athletic events at the college.

Curtis L. Ivey Science Center (2004)

The Curtis L. Ivey Science Center is a two-story, 32,000-square-foot building that houses the Natural Sciences Department and the Institute for Community and Environment. As the new center for science education, the facility accommodates eight laboratories and six classrooms, with faculty offices and student spaces on both floors. A 180-seat auditorium is located on the first floor. The
building was named for Curtis L. and Doris Ivey, who contributed a major gift for science education in memory of their children, Curtis Ivey Jr. and Elizabeth Ivey Jurgenson.

**James House (1931)**

The Academic Development Center is located in James House, which was renovated in 1987. It provides academic support services to all Colby-Sawyer students. James House is named for William James, American philosopher.

**Lethbridge Lodge (1998)**

From 1934 until 1996, the Lodge sat on the shore of Little Lake Sunapee. This large, rustic building was framed with hand-hewn timbers from New London’s first meeting house, originally erected in 1788. The Lodge was reconstructed on campus in 1998 and named Lethbridge Lodge in honor of trustee and friend George M. “Bud” Lethbridge, in May 2004. The building has a great room with a fireplace, snack bar and Internet lounge. It is available to students, faculty and staff 24 hours a day with ID card access. During the summer it is used for alumni activities.

**Mercer Hall (1963/2002)**

Mercer Hall recently underwent a $1 million renovation. The building includes refurbished classrooms, conference areas, laboratories, and office space for students, faculty and staff affiliated with the Exercise and Sport Sciences Department. A 20-foot addition, a climbing wall, an expanse of windows overlooking Mount Kearsarge, and a colonnade are included in the renovations. Named for former trustee William C. Mercer and his wife, Ramona Wells Mercer ’41, the building was rededicated in the fall of 2002. It was originally built in 1963 with funds raised by Dr. Eugene Austin, second president of the college.

**President’s House (1937)**

The President’s House on Main Street, across from the campus, was one of several gifts from Mary Colgate to the college. Surrounded by spacious lawns and well-groomed gardens, this house provides a gracious setting for social and celebratory events.

**Reichhold Science Center (1962)**

The center was made possible through the generosity of Mr. Henry H. Reichhold, father of Colby-Sawyer alumna Ingrid Reichhold Wagner ’51. The center provides classrooms, faculty offices and a seminar room.

**Sawyer Fine Arts Center (1959)**

The Sawyer Fine Arts Center was named in honor of Dr. H. Leslie Sawyer, who served as headmaster of Colby Academy from 1922 to 1928 and as first president of the college from 1928 until his retirement in 1955. The theatre accommodates the college community for concerts, lectures, theatre productions, films and cocurricular programs. The center also provides a seminar hall, graphic design and sculpture studios, the art-history media library, the Everett and Ruth Woodman Dance Studio, and offices for the Fine and Performing Arts Department.
Marian Graves Mugar Art Wing and Art Gallery (1960)

The Fine and Performing Arts Department and the Mugar Gallery adjoin the Sawyer Fine Arts Center. The building was named by Stephen P. Mugar, former trustee and devoted benefactor of the college, to honor his wife. Instructional facilities include art history lecture rooms and studios for design, drawing, ceramics and printmaking. The gallery features major exhibitions, which are integrated with the curriculum.

Frances Lockwood Bailey Graphic Design Studio (1991)

The Lockwood family, in memory of Frances Lockwood Bailey ’73, granted funds to Colby-Sawyer to provide three fully equipped studios for graphic design students. The studios, located in the Sawyer Fine Arts Center, offer current graphic design technology, including Macintosh computers, digital imaging equipment and large-format color printers.

Ware Campus Center (1987)

The Ware Campus Center, named in honor of Judge Martha Ware ’37, trustee and benefactor, provides a common gathering place and is the site of many educational and social events. The center houses the campus dining room, Alumni Lounge, Campus Activities Office, Wheeler Hall, the mail room, copying services and informal recreational space. Also located in the Ware Campus Center are offices for the vice president for student development and dean of students, and the assistant dean of students; Residential Education Office; Citizenship Education Office; space for clubs and organizations; Students in Free Enterprise; Ware Conference Room; and Board of Trustees Conference Room.

Windy Hill School (1976)

The Windy Hill School is the laboratory school for the Child Development Program and includes toddler, nursery and kindergarten programs. Windy Hill is located in the lower levels of Abbey and Burpee residence halls. Supervised by licensed teachers, the school provides practical experience for students interested in child development and early childhood education. Teaching internships for child development students interested in K–3 teacher certification also are offered here. The college’s laboratory school enjoys a reputation for excellence in child development.
Residence Halls

The college’s 11 residential living facilities each accommodate from 35 to 115 students. Each hall provides a living room and laundry room, and some provide kitchen facilities. Most of the halls bear the name of a person or family closely associated with college history. They are described below.

**Abbey Hall (1940)**
Abbey Hall was named to honor Mrs. Emily F. Abbey Gill, who made generous contributions to leading New England colleges especially concerned with the education of women. Abbey Hall accommodates 66 students.

**Austin Hall (1965)**
Austin Hall was named in honor of Dr. Eugene M. Austin, president of the college from 1955 to 1962. The building originally served as the physical education center and became a residence hall in 1965, after what is now Mercer Hall was completed. Austin Hall accommodates 61 students.

**Best Hall (1954)**
Best Hall was named for Dr. Samuel M. Best, football coach at Colby Academy, member of the Board of Trustees from 1933 until 1968, and chair from 1933 until 1968. Best Hall accommodates 115 students.

**Burpee Hall (1934)**
Perley Burpee, a shoemaker and farmer who married Judith Colby, sister of Governor Anthony Colby, was among the 11 men who procured the original charter for New London Academy in 1837. The home he built in 1816 still stands on Main Street, one block east of the campus. His grandchildren, Wilfred E. Burpee, class of 1882, and Mary Burpee Macomber, class of 1885, served as trustees from 1907 to 1948 and from 1905 to 1952 respectively. Erected wing-by-wing over three years, Burpee Hall housed the library collection until 1949. Burpee Hall accommodates 116 students.

**Colby Hall (1931)**
Created through a gift from Mary Colgate, this residence hall was named in honor of a New London family important to the history of the school. One of the 11 founders of the academy, Anthony Colby was a 19th-century New Hampshire governor, and his daughter Susan was the first teacher and principal. Colby Hall accommodates 55 students.

**Danforth Hall (2004)**
Danforth Hall was named in recognition of Peter D. Danforth, who served the college as a trustee from 1983 to 1992 and again from 1999 to the present time. The hall opened in fall 2001 as a residential facility for 102 students who live in 10- and 11-person suites with single and double rooms. It also features a conservatory, greenhouse, seminar room and the Wesson Honors suite—a study and event space for participants in the Wesson Honors Program. In fall 2004, the Harrington Center for Career Development and Community Service relocated its offices to the building.
Lawson Hall (1996)

Lawson Hall was named in honor of Charles J. “Chuck” Lawson and his wife Joan. Chuck served on the Board of Trustees from 1988 to 1998, the last six years as chair. Lawson Hall has an elevator and accommodates 107 students in nine-person suites of double and single rooms. Each suite has its own kitchenette, bathrooms and living room.

McKean Hall (1930)

McKean Hall was named for Dr. Horace G. McKean, principal and headmaster of the academy from 1899 to 1905. McKean Hall accommodates 39 students.

Page Hall (1938)

Page Hall was named for the Reverend Charles L. Page, class of 1880. He served for 40 years as a member and chair of the Board of Trustees. Page Hall accommodates 48 students.

Rooke Hall (1994)

Rooke Hall was named for Robert Levi Rooke, whose generous bequest provided resources for its construction. He was the father-in-law of former trustee Natalie Davis Rooke ’48 and Anastasia Payne Rooke ’50, and grandfather of Marianne Rooke Fairall ’73. Rooke Hall accommodates 102 students in 24 apartments. Each apartment has its own kitchen, bathroom, living room and three bedrooms.

Shepard Hall (1932)

The Shepards were one of the original families to settle in New London. James Ely Shepard was an active trustee during the early days of the academy and his son Charles E. Shepard, in addition to serving as a trustee for 20 years, operated the stagecoach service between New London and Potter Place. Shepard Hall accommodates 59 students.

Athletic and Recreational Facilities

New London is a four-season recreational and cultural community known throughout New England for its beautiful lakes and mountains. Colby-Sawyer students enjoy access to many local and regional recreational amenities.

Golf

Magnificent golf courses are available within minutes of Colby-Sawyer’s campus. The nearby Country Club of New Hampshire is open to the public and is ranked among the nation’s top 75 public courses.

Dan and Kathleen Hogan Sports Center

This 63,000-square-foot center is named for Dan Hogan, college benefactor and former trustee, and his wife Kathleen. The center provides a beautifully designed and fully equipped facility for athletic programs, student recreation and community fitness. It contains the multipurpose Coffin Field House with its suspended running/walking track; locker rooms; aerobics studio; the Elizabeth Kind Van Cise Fitness Center; Athletic Department offices; Chargers Club Conference Room;
sports-medicine clinic; racquet-sports courts; and the Knight Natatorium, a six-lane 25-yard pool with a one-meter diving board. The center is available to students for individual fitness and recreation, intramural sports and swimming. It is the primary facility for the college’s indoor intercollegiate athletic events.

**Kelsey Athletic Fields and Mercer Field**

The Kelsey Athletic Fields, dedicated in October 1999, are named in honor of Patricia D. Kelsey, Colby-Sawyer trustee and former coach, and her husband, Robert P. Kelsey, Jr. In 1996 the college acquired 116 acres of land, of which 28 acres were developed into a premier baseball diamond, soccer/lacrosse field and an all-purpose recreational field. The views of surrounding mountains from these facilities are breathtaking, and the Kelsey Athletic Fields are among New England’s most beautiful college sports venues. Mercer Field, named in honor of Bill and Mona Mercer, is a competition field near Lawson Hall and complements the range of athletic and recreational sports facilities at the college.

**Patricia D. Kelsey Tennis Courts**

Six composition tennis courts are available for outdoor use from early spring until late fall. Relocated in 2001, these courts offer unparalleled views of Mount Kearsarge.

**Lakes and Mountains**

Within minutes of campus, Lake Sunapee, Little Lake Sunapee and Pleasant Lake provide students opportunities for boating, fishing and swimming. The college is ideally located for hiking enthusiasts, with Mount Kearsarge and Mount Sunapee each a 10-minute drive from campus. The college’s location in the midst of ski country offers many opportunities for downhill and cross-country skiers of all levels. Mount Sunapee, Eastman Ski Touring Center, Norsk Cross County Ski Center and Ragged Mountain Ski Area are a short drive from the college.

**Equestrian Facilities**

Complete equestrian facilities are available to students within minutes of campus at Hiddenbrook Farm in Grantham. These facilities include an indoor riding arena used for lessons, varsity practices and equestrian events. Stables also are available for boarding horses.
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
Colby-Sawyer College launched a new Liberal Education Program in 2002. All students who enter the college in fall 2002 and thereafter will meet the requirements listed below:

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—WRT 105: Writing I (students must earn a minimum grade of C)
   • Mathematics—Any math course numbered 122 or above
   • Computing—CIS 105: Introduction to Computers

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.
   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 catalog. A Pathway includes:
   • PTH 101: First Year Seminar. This three-credit seminar is taken in the first semester.
   • Three Stepping Stone courses chosen from at least five options. These courses must be completed by the end of the fourth semester. They fulfill Exploration

* 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 new liberal education model.
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.

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 eight Exploration courses. Some of these courses will be Pathway Stepping Stone courses, and some also may fulfill requirements for the major.

- Fine and Performing Arts 1 course—3 credit hours
- History 1 course—3 credit hours
- Humanities 1 course—3 credit hours
- Literature 1 course—3 credit hours
- Science 1 laboratory course—4 credit hours
- Social Sciences 1 course—3 credit hours

And 1 course (3 or 4 credit hours) from 2 of the following areas:

- Environmental Literacy
- Media Literacy
- Global Perspectives
- Wellness

**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; CES 101, 201, 202, 312, 321; PHI 312
Fine and Performing Arts
The arts offer an understanding of culture through the study of art objects and visual communication. Art courses are interdisciplinary by nature and require an understanding of culture and historical context in order to understand the objet d’art and intent of an artist. The study of art provides students with an understanding of how artists create works either through the study of art history or through creation of objects in a studio environment.

Courses: ART 100, 110, 125, 201, 202, 213, 230, 234, 240, 245, 260, 270; COM 101; DAN 110, 120, 130; MUS 103; THE 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; GOV 100; 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; HIS 101, 102, 217, 218

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: ENG 263; HUM 201; PHI 100, 111, 205, 213, 214, 305; REL 100, 101, 205; 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:* CES 215, 229; ENG 213, 215, 216, 218, 220, 221, 222, 226, 229, 231, 232, 244, 245, 247, 251, 265

**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, 209, 235, 241, 243; 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; CES 107; CHE 101; PHY 101; SCI 120, 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, 116; CES 116; ECO 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; NUR 203; 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; and
- reflections and other material from the Capstone Experience.

**Liberal Education Program—Prior to Fall 2002**

Students who matriculated at the college prior to fall 2002 will meet the outcomes described above by fulfilling the liberal education requirements in place for the year in which they entered the college.

**Baccalaureate Programs**

Colby-Sawyer offers a wide range of major programs. Students also have the opportunity to design an interdisciplinary major program. 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 program of major study from among those offered. A minimum grade point average of 2.0 and a minimum of 120 credit hours 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 Major Programs and Course Offerings section of this catalog.
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. Nonetheless, the individual student is ultimately 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 Major Programs:**

**For the Bachelor of Arts Degree (B.A.)**
- Art – Studio Art
- Biology
- Communication Studies
- English
- History, Society and Culture
- Psychology

**For the Bachelor of Fine Arts Degree (B.F.A.)**
- Art – Studio Art
- Graphic Design

**For the Bachelor of Science Degree (B.S.)**
- Business Administration
- Child Development
- Community and Environmental Studies
- Exercise and Sport Sciences:
  - Athletic Training
  - Exercise Science
  - Sport Management
- Nursing

**Student-designed Majors**

Student-designed majors are an option for highly motivated and academically strong students. If students meet the criteria and wish to pursue an interdisciplinary major course of study, they may do so while matriculating in any of the three baccalaureate degree programs offered by the college. In order to qualify for this option, students must have a cumulative grade point average (GPA) of 2.5 or better; be capable of working independently; and demonstrate strong academic potential, particularly in the disciplines of interest. The student-designed major must be truly interdisciplinary and not simply replicate a traditional major course of study. Further information on how to apply is available from the academic advisor or the academic dean.

**Teacher Preparation Programs**

Colby-Sawyer offers the following New Hampshire Teacher Certification programs. Information about them can be found in the Education section of this catalog:
- Art Education (K–12)
- Early Childhood Education (N–3)
- English Language Arts Education (5–12)
- Social Studies Education (5–12)

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


**Associate Degree Program**

Colby-Sawyer also offers a two-year program of study, which culminates 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 graduate with an associate degree, students must earn a minimum 2.0 cumulative grade point average and complete 60 credit hours of study, including the requirements in liberal education. Students who enroll in the Associate Degree Program 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.

**Minor Programs**

Students pursuing baccalaureate degrees who wish to have a concentrated program 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 credit hours taken in prescribed courses. A minimum of six credit hours must be at the 300–400 level. Students may take no more than three credit hours 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
- Art History
- Studio Art
- Biology
- Business Administration
- Child Development
- Communication Studies
- Community and Environmental Studies
- English
- History
- Information Management and Technology
- Philosophy
- Psychology
- Sociology
- Theatre
- Women’s Studies
- Writing for Publication
MAJOR PROGRAMS
AND COURSE OFFERINGS
American Studies

P. ANDERSON, A.P. STECKER

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 credit hours of study. A student must complete AME 201 and six credit hours of work in American studies at the 300 or 400 level. The other nine credit hours of work may be done in any other American studies, American literature or American history courses or in any of the following: ART 303; COM 241, 341, 342, 343; GOV 301; PHI 111; SOC 203; WST 111. Please refer to the Minor Programs section of the catalog for further information.

Course Offerings

AME 201 The West in American Culture 3 credit hours
Drawing on a wide range of interdisciplinary materials and perspectives, including literature, autobiography, diaries, historical documents, paintings and films, this course examines the impact of the frontier experience and contact with the land, from the time of the Puritans to the present, and considers 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 credit hours
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 credit hours
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 credit hours
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 independent study course is developed in consultation with a member of the American Studies Program faculty. May be repeated for credit. Offered fall and spring.

- Prerequisite: Permission of the instructor and the department chair
**AME/HIS 301  The History of New England: Regional and Local Studies**  
3 credit hours  
Exploring methods of historiography, the course examines issues of growth and change in New England regional culture and history. This course focuses particularly on the social, economic and political events that have affected the region's development as well as the emerging field of regional and local history. Students extensively use the Colby-Sawyer archives. Offered spring of odd-numbered years.  
*Prerequisite:* One 100- or 200-level HIS, HSC, or GOV course  

**AME 305  The American Dream in Literature and Film**  
3 credit hours  
This course examines the myths and realities associated with the American Dream of Success, especially as they are reflected in voice of literature and film from the past hundred years. After briefly tracing the history of this ideal, the course focuses on the way it has been treated by modern writers and filmmakers. Offered spring of odd-numbered years.  
*Prerequisite:* One 200-level literature or film course  

**AME/COM 341  Mass Media in America**  
3 credit hours  
A survey of the history and theory of mass media in America, this course provides an introduction to newspapers, magazines, book publishing, advertising, radio, popular music, motion pictures and television. This course examines effects these media have upon shaping cultural attitudes, values and myths. Offered fall.  
*Prerequisite:* COM 203; or HIS 101 or 102  

**AME 480  Teaching Assistantship**  
1–3 credit hours  
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**


**Bachelor of Arts: Studio Art**

The Fine and Performing Arts Department offers a Bachelor of Arts with a major in Studio Art that provides the opportunity for a broad study of art and prepares students for careers as professional artists and teachers. This major provides breadth and a sound foundation in several fine-art studio disciplines. After completing a series of introductory courses, students select an area of concentration—ceramics, graphic design, painting, photography, printmaking, or sculpture—to complete their studio sequence.  
In addition to the studio sequence, each student takes two semesters of a survey of art history and two upper-level art history courses. Seniors are required to prepare a formal exhibition of their work in the Mugar Art Gallery as part of their Capstone Experience.
Students are encouraged to explore the various internship opportunities available in the arts both on and off campus. The Bachelor of Arts in Studio Art is the recommended degree option for art education majors.

**Requirements**

Liberal Education Program requirements

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<th>Course</th>
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<td>ART 110, 125, 132, 201, 202, 230 or 234, 240, 245, 270, 425</td>
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One additional introductory studio course from ART 210, 213, 260

Two 300-level art history courses

Three 300- or 400-level courses in one studio concentration area

FPA 285 or 485 highly recommended

Students must have a minimum C (2.0) cumulative GPA in all art courses to graduate.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) average in ART 110, 125, 132; 201 or 202; and at least one 200-level studio course
- A portfolio review by Art Department faculty

**Suggested Registration**

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Total credit hours: 120 minimum
**Studio Art with Education Certification**

The Bachelor of Arts in Art with the New Hampshire Teacher Certification option is designed for the student who plans to teach art at the primary or secondary level. The degree option leads to certification to teach grades K through 12. Students in this program complete the requirements for the Bachelor of Arts in Art and a sequence of courses required for the Education Program, including a teaching internship. A successful application to the Teacher Preparation Program also is required. Refer to program requirements and suggested registration in the Education section of this catalog.

**Bachelor of Fine Arts: Studio Art**

The Fine and Performing Arts Department offers a Bachelor of Fine Arts with a major in Studio Art that provides the opportunity for an intensive study of art and prepares students as professional artists and designers. This major provides a sound foundation in several art disciplines and allows students to concentrate in one studio area: ceramics, painting, photography, printmaking or sculpture.

In addition to the studio component of the program, students take two semesters of a survey of art history and three upper-level art history courses. Seniors are required to prepare a formal exhibition of their work in the Mugar Art Gallery as part of their Capstone Experience. Students are encouraged to explore the various internship opportunities available in the arts both on and off campus. The BFA program is recommended for the student who plans to continue art studies at the graduate level.

**Requirements**

**Liberal Education Program requirements**
- ART 110, 125, 132, 201, 202, 210, 213, 230 or 234, 240, 245, 260, 270, 425
- Three 300-level art history courses
- Major Concentration: Four 300- or 400-level courses in one studio concentration area
- FPA 285 or 485 highly recommended

Students must have a minimum C (2.0) cumulative GPA in all art courses to graduate.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.0)
- At least a C+ (2.3) average in ART 110, 125, 132; 201 or 202; and at least two introductory studio courses
- A portfolio review by Art Department faculty and a statement of intent

**Note:** If a student has earned more than 60 credit hours before Major Acceptance, it may take more than four years to complete this major.

**Suggested Registration**

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| Intro. Studio Course  | Studio Concentration Course                |
| Studio Concentration Course | Liberal Education Course                |
| Art History 300-level Course | Liberal Education Course                |
| Liberal Education Course | Elective                                  |

| Senior Year           |                                             |
| Studio Concentration Course | Studio Concentration Course                |
| Art History 300-level Course | Art History 300-level Course                |
| ART 425 or Elective   | ART 425 or Elective                        |
| Elective              | Elective                                   |

Total credit hours: 120 minimum

Bachelor of Fine Arts: Graphic Design

The Fine and Performing Arts Department offers a Bachelor of Fine Arts with a major in Graphic Design for the student who plans to be a practicing artist and wants a career in the graphic design field. The program provides broad study in foundation courses as well as intensive work in graphic design using both traditional and state-of-the-art graphic computer methodologies. The major also requires a 240-hour internship with a graphic design firm. In addition to graphic design studio courses, each student takes two semesters of a survey of art history and three upper-level art history courses.

Seniors are required to prepare a formal exhibition of their work in the Mugar Art Gallery as part of their Capstone Experience.

Requirements

Liberal Education Program requirements
ART 110, 125, 132, 201, 202, 210, 213, 223, 230 or 234, 240, 260, 245 or 270, 308, 425
Two additional 300-level art history courses
Major concentration: ART 320, 421, 422, 423
ART 485

Students must have a minimum C (2.0) cumulative GPA in all art courses to graduate.

A minor in business administration or communication studies is recommended.
**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.0)
- A minimum grade of C+ (2.3) average in ART 110, 125, 132; 201 or 202; and at least two graphic design studio courses
- A portfolio review by Art Department faculty

*Note:* If a student has earned more than 60 credit hours before Major Acceptance, it may take more than four years to complete this major.

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Total credit hours: **120 minimum**

**Art Minors**

The Fine and Performing Arts Department offers minors in art history or studio art as a degree enhancement for students with a major other than art or graphic design. Please refer to the Minor Programs section of the catalog for further information.
Art History Minor

Requirements
The minor consists of 21 credit hours with the following required courses:
- ART 201, 202
- ART 110 or 125
- One 200-level studio course
- Three 300- or 400-level art history courses

Studio Art Minor

Requirements
The minor consists of 24 credit hours with the following required courses:
- ART 201 or 202, and one additional art history course
- ART 110 and 125
- Two courses from ART 210, 213, 230, 234, 240, 245, 260, 270
- Two 300- or 400-level studio art courses in one discipline

Annual Juried Student Art Exhibit
Each year the Fine and Performing Arts Department offers every student the opportunity to enter the Juried Student Art Exhibition. The Edith B. Long Scholarship in Art, the Charlotte Cobb Stahl Scholarship in Art, the Nancy Pierce Williams Scholarship, and a variety of other awards are presented at the opening reception.

Senior Art Exhibit
Each year during the spring semester, senior B.A. and B.F.A. students exhibit their strongest works in the Mugar Art Gallery. This exhibition is a required component of the Capstone Experience for all art majors.

Course Offerings

ART 100 Introduction to Visual Art
3 credit hours
As an introduction to the visual arts, this course introduces students to the major periods of cultural history and establishes a basic perceptual vocabulary for making quantitative and qualitative judgments about the arts. This course also offers a series of related studio experiences and assignments. Offered fall and spring.

Exploration Area: Fine & Performing Arts

ART 110 Drawing I
3 credit hours
This course introduces the basic elements of line, shape, space, value and texture. Through studio practice, skills of observation and visual organization are developed. Students work with a variety of subject matter: still life, landscape, the human figure and abstraction. Media include pencil, charcoal, crayon, ink with brush and pen, and collage. Offered fall and spring.

Exploration Area: Fine & Performing Arts

ART 125 Design
3 credit hours
Design is studied in theory and in practice. All of the art elements and principles of design are considered. Student art projects illustrate each art concept in sequence. Working through each project and building on the knowledge gained from the
previous project, students develop the ability to synthesize individual elements into formal relationships. Two-dimensional design theories are explored. Group critiques and discussions are important aspects of the class. Offered fall and spring.

   Exploration Area: Fine and Performing Arts
   Arts & Sciences Elective Area I

**ART 129  Exhibition Production Lab**  
1 credit hour  
This course introduces the many aspects of art gallery operations and management. The students gain hands-on experience as they assist in the hanging of exhibitions under the guidance of the director of the Mugar Art Gallery. The course also includes weekly class meetings covering all topics relating to gallery procedures—including promotion and publicity, budget, calendar, selection of artists and exhibition themes—and the differences between commercial galleries and galleries with non-profit status. The students also visit other art galleries. May be repeated for credit. Offered fall and spring.

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

**ART 132  Computer Applications for the Artist**  
3 credit hours  
This course is a survey of the computer-based electronic technology used by visual artists and designers. Assigned projects explore the creative potential of basic program options and allow students to experience how each relates to the new electronic media environment. Various course activities include lectures, discussions, demonstrations, readings, practical exercises and assignments. Offered fall and spring.

**ART 201  History of Art I**  
3 credit hours  
This course offers a historical survey of painting, architecture, and sculpture, beginning with Paleolithic cave painting and continuing through 15th-century Italian Renaissance art. Representative works of each era are discussed for their formal and expressive characteristics, and for relationships to the cultural and historical environment. Offered fall.

   Exploration Area: Fine and Performing Arts

**ART 202  History of Art II**  
3 credit hours  
This course offers an historical survey of painting, architecture and sculpture from the 16th-century Italian High Renaissance to the present. The role of art in history is discussed with reference to major artists and art movements as a basis for judgment of the arts today. Offered spring.

   Exploration Area: Fine and Performing Arts

**ART 210  Drawing II**  
3 credit hours  
This course continues the development of perceptual skills and technical mastery of various media with particular emphasis on drawing the human figure from life. Several approaches to life drawing are used. These approaches include a study of anatomy and an analytical approach to drawing as well as 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 credit hours
As the beginning course in the major, the primary objective is to provide a foundation of visual and problem-solving skills essential to upper-level work in graphic design. Students are introduced to basic exercises in composition, abstraction and communication. Other exercises explore options for image making and creation of symbols from type to image. Working methods combine traditional hand skills with an introduction to basic computer technology. Offered fall and spring.

   Exploration Area: Fine and Performing Arts

ART 223  Graphic Design II  3 credit hours
As the second course in the major sequence, students explore aesthetic and communication issues by addressing traditional graphic design applications for poster, page layout, and symbol/logo design. Verbal presentation skills are developed through the preparation of short reports in the research phase of specific problems. Although working methods offer the student a choice of hand or digital tools, the acquisition of more advanced computer technology is encouraged. Offered fall and spring.

   Prerequisite: ART 213

ART 230  Painting I  3 credit hours
This course introduces the materials and techniques of painting. Students work with oil or acrylic paints. They learn how to prepare a surface for painting and a number of techniques and strategies for making a painting. 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 credit hours
This course teaches basic techniques of watercolor painting. The nature of watercolor paints, papers, and brushes and special characteristics of the media, such as transparency and fluidity, are studied so that the student may arrive at a personal aesthetic statement. Offered fall.

   Exploration Area: Fine and Performing Arts

ART 240  Printmaking I  3 credit hours
This course introduces the four basic printmaking areas: intaglio (etching, engraving, aquatint, etc.); stone lithography; relief (woodcut, lino cut); and screenprinting. Emphasis is placed upon the student’s development of ideas and imagery through drawing and upon 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 credit hours
Students develop an understanding of the basic elements of three-dimensional ideation and sculpture construction. While exploring methods of assemblage, including the additive and subtractive processes, students create at least three sculptures derived from their own imagination. In the studio, students complete a carved sculpture, freestanding mixed-media pieces and a clay head-study. Studio safety
protocols, tool usage, armature building, clay modeling techniques, and the variety
of methodologies associated with designing, building, and finishing a three-dimen-
sional object are thoroughly covered. **Studio safety is emphasized.** Offered fall and
spring.

**Exploration Area: Fine and Performing Arts**

**ART 250, 350, 450  Topics in Art** 1–3 credit hours
These courses offer students in-depth study of topics in art that are not part of the
regularly scheduled course offerings. The topics are announced before registration.
Offered fall and spring.

**ART 260  Photography I** 3 credit hours
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 are designed to develop the student’s understanding of the camera and
lenses, and increase visual awareness in terms of the image-making possibilities of
photography. Students learn and follow studio and chemical safety standards. **Each
student needs a fully manual and fully adjustable SLR camera with light meter.**
Offered fall and spring.

**Exploration Area: Fine and Performing Arts**

**ART 270  Ceramics I** 3 credit hours
This course introduces basic techniques of hand-built and wheel-thrown ceramics. A
series of studio assignments encourage creativity and help students develop a solid
technical foundation in functional and sculptural aspects of the medium. Glazing
and decorating techniques, glaze formulation, exposure to a variety of firing tech-
niques, and the study of ceramic history are additional components of the course.
**Studio safety is emphasized.** Offered fall and spring.

**ART 285  Art Internship** 0–3 credit hours
Qualified students may arrange internships related to the arts or art organizations,
such as museums, art centers, design firms, artist studios, and other institutions that
provide art-related services. 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 credit hours
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 in the
Fine and Performing Arts Department. Offered fall and spring.

**Prerequisite:** Permission of the instructor and the department chair
ART 302 History of East Asian Art and Culture 3 credit hours
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. Particular 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: ART 201 or 202

ART 303 American Art 3 credit hours
This course examines the history of American art from its earliest beginnings to the present. The evolution of American artistic traditions is discussed. Students consider works of art for their formal and expressive characteristics and for their relationship to the cultural and historical environment. Offered spring of even-numbered years.
Prerequisite: ART 201 or 202

ART 304 Origins of Modern Art 3 credit hours
This course examines developments in sculpture, painting and photography from the Neoclassical period to the beginning of the Second World War. Students examine major art movements in the context of the social and cultural climate that produced them, and works of art are studied with reference to their formal and expressive qualities. Offered fall of even-numbered years.
Prerequisite: ART 201 or 202

ART 305 Contemporary Art Since 1945 3 credit hours
In this course, students study developments in art criticism, sculpture, painting and photography since the Second World War. Art works are seen in historical and social context and are examined for formal and expressive characteristics. Offered fall of odd-numbered years.
Prerequisite: ART 201 or 202

ART 308 History of Graphic Design 3 credit hours
This course surveys the development of graphic design throughout history. The object is to understand relationships between visual communication forms and their cultural, environmental, technical and visual arts influences. Emphasis is placed on graphic design in the 19th and 20th centuries. Individual research and the presentation of an oral and written paper are required. Offered spring of even-numbered years.
Prerequisites: ART 201, 202

ART 310, 311 Drawing III and Drawing IV 3 credit hours
Students build on the knowledge gained in previous drawing courses. Emphasis is placed on understanding the formal elements and correlating this 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 320 Typography 3 credit hours
This course is designed to encourage students to creatively investigate technical and theoretical aspects of typography. The course focuses on the organizational and
creative aspects of designing with type and on the development of typography. By the end of the semester, students develop a basic proficiency of typographical options for problem solving. This proficiency should include development of integrated typographic layouts, type and system development, typographic principles, and interaction of type choices with text context. Offered spring.

_Prereqisite:_ ART 223

**ART 330, 331  Painting II and Painting III** 3 credit hours
At this level, students move toward using painting as a personal and creative means of expression. Beginning level skills are developed toward greater technical proficiency and increased personal expression. Students examine several theories of art and strive to apply them to their work. Offered fall and spring.

_Prerequisites:_ For ART 330: ART 110, 125, 230. For ART 331: ART 330

**ART 334  Watercolor II** 3 credit hours
At this level, students move toward using watercolor as a personal and creative means of expression. Beginning level skills are developed toward greater technical proficiency and increased personal expression. This course may be used to satisfy a painting concentration course requirement. Offered fall.

_Prerequisites:_ ART 110, 125, 234

**ART 340, 341  Printmaking II and Printmaking III** 3 credit hours
The intermediate level introduces processes, techniques and materials that build upon those covered in ART 240. Students are introduced to monotypes, collographs, _chine collé_ (Chinese collage), multicolor printing in relief, and papermaking. Students are expected to develop their drawing skills, creative thinking and visual literacy, along with greater technical proficiency and craftsmanship with the printmaking process. This course encourages experimentation as students move toward creative and 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 credit hours
These courses are structured at the intermediate level but introduce students to techniques such as woodworking and welding (both arc and oxygen acetylene). Working with plastics, glass and nonferrous metals also may be options. Students expand their ideas through using a sketchbook and constructing working maquettes. Students learn the proper use of machinery, tools and studio safety protocols. Each student is expected to work toward developing ideas that are creative, fresh and individual in nature. 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 credit hours
This course allows students to refine the techniques introduced in ART 260 and to expand their knowledge of printing techniques, film development techniques, and the use of various specialized light-sensitive materials. Digital imaging and color photography also will be introduced. _Each student must have a fully adjustable 35 mm film camera and light meter._ 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 credit hours
This course continues the process of ART 270 with more advanced work on the wheel and in hand-building techniques. Students produce a body of work that demonstrates individual expression and advanced technical proficiency. Additional emphasis is placed on glaze chemistry, kiln-firing principles, and the study of contemporary developments in the field. Fine craftsmanship and the development of a 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 381, 481  Tutorials in Art  
1-3 credit hours
Tutorials in art are designed to supplement existing courses and to allow students the opportunity to concentrate in a specific area of study. Topics may include experimental photography, major painters and their times, core welding, throwing porcelain, and viscosity printing. Tutorials may not be used to fulfill major or minor requirements. Offered fall and spring.

Prerequisites: Permission of the instructor and the department chair

ART 410, 411  Drawing V and Drawing VI  
3 credit hours
Course activities are largely determined on an individual basis. With the instructor's guidance, each student learns to synthesize early drawing experiences into strong visual statements and build 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 credit hours
This is an upper-level course in graphic design taught in a workshop fashion. The primary goal of this course is to introduce students to a variety of publication design problems so that students develop hands-on skills with aspects of page layout and relevant computer programs. The production component of this course introduces students to a variety of design problems within the parameters of two-color and/or process-color limits in print work. This course is designed to encourage students to creatively investigate technical and theoretical aspects of digital media as they apply to graphic design. Emphasis is on design for print production (as opposed to design for the screen or electronic publishing). Offered fall.

Prerequisites: For ART 421: ART 213, 223, 320. For ART 424: ART 421

ART 422  Visual Identity and Systems Design  
3 credit hours
This course explores the creation of corporate, institutional and product identity. Using a project-account scenario, the student is asked to develop an identity and marketing strategy and design appropriate internal and external communication forms as well as promotional and informational pieces for the project account. A crucial part of the project is the development of a corporate identity manual that defines and demonstrates the design system. Presentation-quality comprehensive dummies of stationery, product packaging, information pamphlets, annual reports, signage, and other applications of the identity system are required. Offered fall.

Prerequisites: ART 320, 421
ART 423 Advertising and Promotional Design 3 credit hours
This course explores the visual and verbal aspects of advertising, marketing and promotional design. Designing black-and-white and multicolor ads for insertion in periodicals and considering ad campaigns using correlated marketing approaches are among the design problems covered. Other topics include writing headlines and advertising copy; understanding the role of demographics in marketing; and understanding specific art and copy requirements, insertion schedules, deadline dates, and placement rates for advertising in periodicals. Students are given hypothetical problems for which they devise marketing strategies and create advertising solutions. Pro bono work for not-for-profit organizations, ethical and moral issues that confront designers who are asked to promote controversial or unpopular causes, and hazardous products or services also are discussed. Offered spring.

Prerequisites: ART 320, 421

ART 425 Professional Practices and Portfolio (Capstone) 3 credit hours
This Capstone Experience is required of all art students. The goal is to provide students with insight and practical skills in regard to planning, organizing, and developing a professional portfolio. Research papers, written critiques of journal articles, peer reviews, and field trips to professional meetings and lectures are required. Emphasis is placed on students refining or reworking projects relevant to their specific portfolio and reflecting on the learning outcomes. 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. Also, students are required to exhibit their work in the Senior Exhibition in the Mugar Art Gallery. Offered fall and spring.

Prerequisite: Senior standing

ART 430, 431 Painting IV and Painting V 3 credit hours
At this level, students are expected to work with considerable independence. Technical proficiency, craftsmanship, and understanding of art theory are expected. Students are expected to produce unique and personal works of art that display a high degree of finish, aesthetic sophistication and honesty. This course may be used to satisfy a painting concentration course requirement. Offered fall.

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

ART 434 Watercolor III 3 credit hours
At this level, students are expected to work with considerable independence. Technical proficiency, craftsmanship, and understanding of art theory are expected. Students are expected to produce unique and personal works of art that display a high degree of finish, aesthetic sophistication, and honesty. This course may be used to satisfy a painting concentration course requirement. Offered fall.

Prerequisite: ART 334

ART 440, 441 Printmaking IV and Printmaking V 3 credit hours
In these courses students work toward a unified body of prints that display a clear direction of purpose through creative decision making. Student do in-depth experimentation with color printing (intaglio and lithography) and explore in depth other processes of historical and contemporary interest. Students experiment with a wide
variety of inks and papers and mixed-media printmaking. Along with the 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 credit hours
These courses are structured at the advanced level but may incorporate learning techniques or processes new to the students. Students are encouraged to work on projects evolving from their knowledge of sculpture techniques. This knowledge, linked with new research, becomes the basis of each student's new work. The use of a journal-like sketchbook, an emphasis that values personal experience, and new research are at the core of the creative process. Students explore three-dimensional solutions to art making and create individually expressive works. 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 credit hours
Students in these courses further explore image-making options in photography. Stress is placed on producing work of consistently high quality while developing an artistically cohesive body of work. Each student produces a portfolio of professional quality. Each student must have a fully adjustable 35 mm film camera and light meter. Offered fall and spring.

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

ART 470, 471 Ceramics IV and Ceramics V 3 credit hours
A major series of wheel-built and/or hand-built forms occupies students for at least one-half term. Students gain further experience in firing electric, gas, salt and raku kilns. Visits to practicing potters and museums, plus frequent seminar-critique sessions, help students foster a critical and more mature view of their own work. Emphasis is placed 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 480 Teaching Assistantship 1–3 credit hours
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 credit hours
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 internship. This course may be repeated. Graded Pass/Fail. Offered fall, spring and summer.

Prerequisites: Art or Graphic Design Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair. Graphic Design majors must complete ART 320 and 421.
**ART 490  Advanced Graphic Design**  
3 credit hours

This is an upper-level class taught in a workshop atmosphere. Graphic design knowledge and skills previously gained are applied toward complex design problems. The main focus is on developing integrated design programs with unified concepts that explore levels of visual impact. The course aims to provide students with insight and practical skills in regard to planning, organizing, and developing advanced problem-solving design strategies. The course is organized around special topics and current trends in the graphic design field. Various course activities include lectures, discussions, demonstrations, readings, practical exercises, group projects, assignments and critiques. The length of projects may vary depending on the progress of the class. Offered fall and spring.

*Prerequisites:* ART 320, 421, 422, 423, permission of the instructor

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**Biology**

L. Alexander, N. Baer, L. Batalden, A. Howell, P. Hunt, M. Manley, B. Steele, K. Stoedefalke, W. Thomas, P. White

**Bachelor of Arts: Biology**

The biology program offered by the Natural Sciences Department at Colby-Sawyer College is designed specifically to take advantage of the wide variety of magnificent "natural classrooms" in the Lake Sunapee region of New Hampshire and the well-equipped 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. Upper-level coursework is available in cellular/molecular and organismal biology. All students engage in a rigorous two-semester senior project focusing on the student’s interest area. 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 eventual entry into a graduate, medical, or professional program, the Natural Sciences Department offers two-semester sequences in calculus, organic chemistry and physics to fulfill the necessary admission requirements.
The Department of Natural Sciences offers advice and assistance to student interested in health related professional schools including dentistry, optometry, physicians assistant, doctor of podiatry, doctor of osteopathy, and medical or veterinary school. Students from many disciplines can meet with a pre-med/pre-vet advisor to discuss career planning, prepare for admissions requirements, explore careers that will 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.

Requirements

Liberal Education Program requirements
BIO 106, 107, 212, 217, 485, 486, 487
CHE 101, 102
Two courses selected from CHE 201, 202; 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, 366, 407, or BIO courses designated 350 or 450
  At least one cellular/molecular course selected from: BIO 304, 321, 402, 406 or BIO courses designated 350 or 450
MAT 220 or 221
BIO 109 strongly recommended
Students must have a minimum C (2.0) cumulative GPA in all BIO courses to graduate.

* Includes all BIO courses plus ESS 324, 326, 419, 424. The department also occasionally offers BIO 250, 350, 450.

Major Acceptance Requirements

- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) average in BIO 106 and 107
- Written statements that address the following (to be produced in consultation with the student’s advisor early in spring semester of 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

Suggested Registration

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Total Credit Hours: 120 minimum

**Biology Minor**

**Requirements**

- BIO 106 and 107; either BIO 212 or 217; three additional three- or four-credit courses in BIO, at least two of which must be at the 300 or 400 level.

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

**Course Offerings**

**BIO 106  The Chemical and Cellular Basis of Life**  4 credit hours

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/CES 107 Interactions in Biology**  4 credit hours

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 concepts 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 109  Science Seminar  1 credit hour
The Natural Sciences Department provides a program of speakers each term on topics in biology and other areas of science. Seminars are open to the public. Students may receive one credit hour for attendance at 80 percent of the semester’s talks. May be repeated for credit. Graded Pass/Fail. Offered fall and spring.

BIO 205  Human Anatomy and Physiology I  4 credit hours
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. Offered fall and spring.

Prerequisite: BIO 106

BIO 206  Human Anatomy and Physiology II  4 credit hours
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. The material covered in this course assumes knowledge of the systems covered in BIO 205. Offered fall and spring.

Prerequisite: BIO 205

BIO 207  Microbiology  4 credit hours
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 credit hours
Biologists estimate there are about 30 million separate species on earth. What are they and how did they get here? Students do not learn them all in this one-semester course but do learn the major types of animals, plants, fungi, protists and bacteria, paying special attention to how each organism is adapted to its particular environment. Students ponder how aquatic animals and plants evolved to survive on dry land. Students also learn how evolution works, from mutations in DNA to changes in frequency of genes and the formation of new species. This course ties together knowledge about molecules, cells and ecology. Labs demonstrate principles and organisms discussed in class. Offered fall.

Prerequisite: BIO 106
BIO 217  Organismal Physiology  
4 credit hours

The physiology of organisms is a crucial link between cellular processes and ecological interactions. Each individual organism is both an aggregate of billions of cells and merely one organism among billions of others within an ecosystem. To explore the variety of ways organisms solve the basic problems of living, 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 of plants and animals from various phyla as well as relevant physiological experiments. Offered spring of 2007.

Prerequisite: BIO 106

BIO 250, 350, 450  Special Topics in Biology  
1–4 credit hours

Faculty may elect to offer advanced courses in biology that are not regularly scheduled. Previously offered topics have included plant physiology, comparative zoology, bird ecology, cellular pathology, and spectrophotometry. Courses are designated organismal/environmental or cellular/molecular as appropriate. If one-credit hour topics courses are taken, a total of three credits may count as one of the required upper level BIO courses. The topics are announced before registration.

BIO 285  Biology Internship  
0–3 credit hours

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. 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 credit hours

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 in the Natural Sciences Department. An oral presentation to the Natural Sciences Department of the results of the independent study is required. May not be used to meet a major requirement. May be repeated for credit.

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

BIO/CHE 304  Biochemistry  
4 credit hours

Topics include the structure and function of proteins, carbohydrates, lipids and nucleic acids. Enzyme regulation, kinetics and mechanisms are emphasized. Thermodynamics and the role of 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. Laboratory work introduces techniques such as ion exchange
chromatography, thin-layer chromatography, gel-filtration chromatography, electrophoresis, and spectroscopic analyses of enzymatic reactions. This cellular/molecular course is projected to be offered spring 2006.

Prerequisite: CHE 201

**BIO 314 Animal Behavior**

4 credit hours

In this course, 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. The class is challenged to solve “Darwinian Puzzles.” Students observe animals and conduct experiments during lab exercises and field trips. This organismal/environmental course is projected to be offered spring 2006.

Prerequisite: BIO 107

**BIO 321 Cell Biology**

4 credit hours

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. This cellular/molecular course is projected to be offered spring 2006.

Prerequisite: BIO 106

**BIO/CES 366 Desert Communities**

3 credit hours

This is a field study course to the Sonoran Desert near Tuscon, Arizona. Students apply ecological principles to the ecology of 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. Particular attention will be focused on understanding the human and natural history of this region and how humans and other biotic life have adapted to extremes of temperature and low precipitation. Students will explore the challenges of human settlement in this fragile ecosystem and explore issues faced by community planners in the southwest. Students will meet regularly in the classroom before and after the trip and will participate in the field study trip during spring break. Participation in all pre and post-trip classroom time as well as the actual field trip is mandatory. There is an estimated additional fee of $600 for this course. Offered spring of even-numbered years.

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

**BIO 386 Student Research**

0–4 credit hours

This course allows students to investigate a biological phenomenon of interest prior to their senior research (BIO 486). Working closely with a faculty member, a student identifies a project of interest, performs a background literature search, designs and conducts experiments and measurements, and writes a report and/or presents a seminar. The research may be performed in the laboratory and/or as a field study in the surrounding environment. The student may choose a project that stands alone or is part of a larger study being conducted by the faculty member or other students. Students enrolled in BIO 386 meet regularly with seniors enrolled in BIO 486 or 487 for
research discussions. A final presentation in BIO 109 is required. Offered fall and spring.

Prerequisites: BIO 106, 107

**BIO 402 Genetics**  
4 credit hours  
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. This cellular/molecular course is projected to be offered spring 2007.

Prerequisite: BIO 106

**BIO 406 Biology of Development**  
4 credit hours  
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.

Prerequisite: BIO 106

**BIO/CES 407 Conservation Biology**  
3 credit hours  
This course investigates the scientific basis behind topics in the new field of conservation biology. Topics include minimum viable population sizes, design of wildlife reserves, endangered species, habitat fragmentation, and biodiversity. Discussion focuses on the ecological basis of the problem and relates that background to practical considerations and case studies. Readings include recent articles from journals. This organismal/environmental course is offered spring of odd-numbered years.

Prerequisite: BIO 107

**BIO 480 Teaching Assistantship**  
1–3 credit hours  
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

**BIO 485 Biology Internship**  
0–6 credit hours  
Students in this course enroll for varied credit in a department-approved internship with an appropriate environmental or biological organization. Methods of evaluation based on the nature of the internship 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. Graded Pass/Fail. Offered fall and spring.

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

**BIO 486 Biology Senior Project I (Capstone)**  
2 credit hours  
Seniors in biology must complete a research project in an area of the biological sciences. At the end of the junior year, the student selects an advisor for research and develops the project in conjunction with the advisor. Departmental approval and a formal presentation of the progress and results at the end of each semester are
required. One faculty member coordinates all projects each term and meets weekly with the students to discuss their research and other current topics in all fields of biological research. Reading from the literature may be assigned to aid the discussion. In this course the student completes a literature search, develops and tests methods, and presents a preliminary report. The student’s project is completed in BIO 487, where the bulk of data collection and analysis occurs. Offered fall.

Prerequisites: BIO 212, 217, Biology Major Acceptance

BIO 487  Biology Senior Project II (Capstone)  2 credit hours
This is a continuation of the project begun in BIO 486. In this course students complete the project started in BIO 486 by collecting and analyzing data and preparing a final presentation and paper. Offered spring.

Prerequisite: BIO 486

Business Administration

B. Cook, E. Crockford, W. Derrenbacher, M. Green, M. Goldman, L. Malan, M. McEnrue, J. Murphy, A. Quinn, T. Stark, D. Swanz, E. Wadsworth

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.

Requirements

Liberal Education Program requirements
BUS 115 or 116, 215, 216, 224, 231, 305, 312, 316, 318, 403, 412, 460, 485, 486
ECO 101, 102
MAT 220
PHI 213

Requirements, continued next page
Business Electives:
Choose any five courses from those listed below. One must be at the 400 level:

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<th>Finance</th>
<th>Information Management Technology</th>
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Depending on the topic, BUS 350 can be used as a management, marketing or finance elective.

Major Acceptance Requirements
- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) average in BUS 115 or 116, 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 resume to student’s academic advisor.

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Total minimum credit hours: 120

### 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.

**Requirements**

- BUS 115 or 116, 215, 216, 231, 316
- Any 300- or 400-level business elective

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

### Course Offerings

#### BUS 115 Introduction to Organizations 3 credit hours

This course analyzes the functioning of organizations in our society. Primary focus is on business organizations, but attention also is given to organizations in the nonprofit sector, which face many of the same issues and opportunities. The course focuses on the internal arrangement and practices of organizations, covering aspects such as management, employees, customers, finance and controls. The underlying theme of the course is the way in which organizations cope with external forces in a changing and uncertain global environment. Students are assigned to small teams. Case studies, guest speakers, current news and individual presentations are used to illustrate practical application of concepts. Students may not receive credit for both BUS 115 and BUS/CES 116. Offered fall and spring.

Exploration Area: Social Sciences

#### BUS/CES 116 Introduction to Organizations (Environmental) 3 credit hours

This broad survey course analyzes the functioning of organizations in our society. Aspects such as management, decision making, employees, customers, forms of business, finance, control, and strategy are covered in the course. The underlying theme of the course is the way in which organizations adapt to external forces in a changing and uncertain environment. This course emphasizes the natural environment as a crucial component in the strategic decisions of organizations. This course covers the same content as BUS 115, but there is stronger emphasis on the natural environment. Students are required to look for practical application of business theory and are exposed to ecological principles. Students develop a strong sense of their bioregional
identity by means of practical research assignments. Students may not receive credit for both BUS 115 and BUS/CES 116. Offered spring.

Exploration Area: Social Sciences

BUS 215  Management  3 credit hours
Management of organizations always has presented unique challenges. These challenges have only escalated as we have moved into the 21st century. With rapid and unexpected change in our environment, greater global competition, and changing technology, special skills are needed to manage organizations. This course aims to develop specific management skills such as decision making, motivating, communicating, team building, conflict management and empowering others. Students are engaged in a number of hands-on exercises, case studies and group assignments. The objective of this course is to prepare future managers to deal with the 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  3 credit hours
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: MAT 122 or above

BUS 224  Managerial Accounting  3 credit hours
Building on the financial terminology and statement-preparation skills acquired in BUS 216, this course develops the student's ability to make management decisions for planning and to 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 such timely topics as just-in-time manufacturing and quality control. Offered fall and spring.

Prerequisites: BUS 115, 216

BUS 231  Marketing  3 credit hours
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. Through use of a computing simulation, students assume marketing management responsibilities for a high-tech company in a competitive industry. Offered fall and spring.

Prerequisite: BUS 115 or 116

BUS 250, 350, 450  Topics in Business  1–3 credit hours
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 credit hours
This internship course is a 120-hour-minimum commitment designed to provide students with an on-site business experience early in their college career. While the student is responsible for finding an internship site, both the Career Development Center and the faculty provide advice and counsel. 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 credit hours
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 expectation. Each independent study course is developed in consultation with a faculty member in the Business Department. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.

Prerequisite: Permission of the instructor and the department chair

BUS 302  Managerial Communication  3 credit hours
This course is designed to help students improve their 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 the underlying principles of effective communication while providing hands-on practical application of the theory. Students leave the class with a working résumé and cover letter, hands-on practice writing of other business correspondence, and mock job interviews. At least three presentations are required, one of which is videotaped. Word-processing proficiency is required. Offered fall.

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

BUS 305  Business Law  3 credit hours
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. Emphasis is placed on the student’s ability to apply the legal concepts learned in the course. Offered fall.

Prerequisites: BUS 115, sophomore standing or above

BUS/IMT 312  Business Applications of the Computer  3 credit hours
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 appli-
cations common to business and organization needs encountered on the job. Offered fall and spring.

Prerequisite: CIS 105

BUS 316 Human Resource Management 3 credit hours
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 Finance 3 credit hours
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 115, 216, 224

BUS 319 Investment Management 3 credit hours
This course covers basic investment concepts, practices and procedures. Industry and company financial analyses are studied, and emphasis is put on investment decisions. Student teams manage a hypothetical portfolio as an integral part of the course. Case studies and guest speakers also are used. A visit to the New York Stock Exchange normally is offered. Offered fall.

Prerequisites: BUS 115, 216, 224, 318

BUS 320 Management of Technology 3 credit hours
Organizations have to cope with rapid advances in technology both internal and external to the organization. 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, CIS 105

BUS/CES 321 Organizations and their Environment 3 credit hours
Organizations have to adapt to complex external forces, including economic, political, social, competitive and technological challenges. An external dimension of increasing importance is the natural or physical environment. Not only do organizations have to take natural forces into consideration, their very actions have a profound impact on the natural environment, such as the depletion of natural resources, air and water quality, and the rapid extinction of species. The physical conditions that humans require for survival are being destroyed by their own actions. Students explore critical issues facing organizations in regard to the environment. 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. Offered fall.

Prerequisites: WRT 105, sophomore standing or above

Exploration Area: Environmental Literacy

**BUS 323 Management in a Global Environment**  
3 credit hours

One of the major challenges to management in modern times is coping with growing internationalization of the marketplace. Traditional and domestic borders no longer bind market opportunities and competitive threats. In addition, the international political, economical, social, technological, and market dimensions grow increasingly uncertain, and changes are rapid and unexpected. Economic practices have global environmental consequences. Under these circumstances, American managers must be aware of global trends, remain competitive at the strategic level, and structure their organizations internally to respond to change. The challenge facing American managers is exacerbated by severe criticism of the role of multinationals. Environmental practices, human resource treatment, ethical behavior and the reliance on large, undemocratic organizations have come under the spotlight recently. 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 credit hours

This course explores the dynamic relationship between employers, organized labor and the state. An analytical framework is applied to the development of American labor history. This framework is used in a comparative way to analyze labor relations systems of other countries. 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 fall of even-numbered years.

Prerequisite: BUS 115

**BUS 325 Consumer Behavior**  
3 credit hours

This course take 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 the behavior that consumers display in searching for, purchasing, using, evaluating and disposing of products. This course addresses the psychological and sociological foundations of human behavior and how firms research these areas and design strategies on the basis of what they learn. Offered fall.

Prerequisite: BUS 231

**BUS 326 Introduction to Personal Finance**  
3 credit hours

Who needs to know financial survival skills? Nurses, doctors, lawyers, teachers, artists, scientists, and students soon to leave college life. This course explores the world of money management, insurance, investments, taxes, pensions and employee benefits, assuming a beginner’s level of knowledge. This is an interactive, hands-on course that may include outside speakers. At the course conclusion, students understand the basics of financial planning: building a budget, the benefits of pay-
ing yourself first, transferring risk through insurance, maximizing employer pension plans, and the effects of taxation. The goal of this course is to have an outline of a financial plan at the end of the semester. Offered spring.

Prerequisite: MAT 122 or above, junior standing or above

BUS 328 E-commerce Opportunities and Issues 3 credit hours
As e-commerce moves from novelty to mainstream, managements need to understand the business and technological factors rapidly driving changes in industries, companies and organizations. This course focuses on e-commerce and the Internet. It explores their importance today and the direction they may be headed in the future. 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. Real situations are reviewed to show how Internet-based systems have become a critical asset and a central factor influencing organizational structures and work flows. Offered spring.

Prerequisites: CIS 105, junior standing or above

BUS 331 Conflict Management and Resolution 3 credit hours
This course investigates the theory of conflict in a variety of venues but particularly in business settings. Using lecture, discussions, research, case studies, role-playing and an interactive Web site, 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 spring of odd-numbered years.

Prerequisites: WRT 105, sophomore standing or above

BUS 361 Classic Leadership 3 credit hours
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. The course links the theoretical concepts to practical application by means of readings, movie clips, exploration, and analysis of what leaders do. Students discover ways in which they can be better leaders now and in future careers. Offered fall.

Prerequisites: WRT 105, sophomore standing or above

BUS 403 Organizational Behavior 3 credit hours
Organizations must cope with rapidly changing environments. Changes at the macro societal, political and economic levels have a major impact on the arrangement inside organizations. This course looks at the way in which the interaction of people inside organizations contributes to overall organizational effectiveness and success. This course uses the classroom as a learning organization. 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. To meet learning objectives, students must suc-
cessfully participate in interpersonal and group interactions in the class. Offered fall and spring.

Prerequisite: BUS 215

**BUS/IMT 404 Improving Management Decision Making** 3 credit hours
Managers make decisions all the time. Some decisions are routine, but others have major implications for their organizations. How do managers improve the quality of their decision making by using quantitative data and computer technology? This course concentrates on the quantitative dimension of decision making. Students use Microsoft Excel, SPSS and other computer application software to analyze data. The course addresses optimization problems, trends, prediction, statistical analysis, and other methods for improving the quality of decisions. The course also requires students to read and interpret empirical research studies. This is a practical, hands-on course that prepares students to use and interpret quantitative information. Offered fall.

Prerequisites: BUS 312, MAT 220

**BUS 406 Management of New Enterprises** 3 credit hours
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 115, 216, 224, 231, 318

**BUS 407 Advertising** 3 credit hours
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, 325

**BUS 411 Market Research** 3 credit hours
This course introduces students to the techniques of gathering, analyzing and using information to aid marketing decision making. 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, 325; MAT 220

**BUS 412 Operations Management** 3 credit hours
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 115, 312; CIS 105; MAT 220
BUS 460 Strategic Management (Capstone)  3 credit hours
In a turbulent and rapidly changing environment, organizations need to know the direction in which they are headed. How do organizations cope in such a changing environment? This course is an integrative and essential component of business administration. It takes a broad view of the organization and its position in a competitive environment. It integrates all the different functional elements of a business. Students explore and apply the theoretical assumptions of strategic management by means of case-study discussions and practical examples. Special topics such as the international dimension of business, diversity, ethics and quality are discussed. Students become “part of the strategic team” by means of a computer simulation exercise. Offered spring.

Prerequisites: BUS 115, 215, 216, 231, 318, senior standing

BUS 480 Teaching Assistantship  1–3 credit hours
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 credit hours
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 second term of the junior year and the end of the first term of the senior year. While the responsibility for finding a suitable internship rests with each student, departmental faculty and the staff of the Harrington Center are prepared to play an active supporting role in the search and selection process. During the internship, the student files weekly activity reports with the designated department faculty member. These reports serve as basis for a written report, which is presented in BUS 486, and of an internship review conducted by the senior seminar professor and the student. 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 hour
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. During this course, students are addressed by outside speakers possessing direct and practical business experience. An oral presentation based on the student’s internship experiences is required. Each student develops a complete résumé and reviews it with the course professor and the Career Development Center. Students describe their “ideal job” and identify and research an organization where such an opportunity exists. The résumé and job research serve as a basis for several mock interviews the student has with experienced guest executives invited to the seminar during the last two weeks of class. Graded Pass/Fail. Offered fall.

Prerequisites: BUS 485, senior standing
Chemistry

C. COOLIDGE

CHE 101  Chemical Principles I  4 credit hours
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.

Exploration Area: Science

CHE 102  Chemical Principles II  4 credit hours
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 201  Organic Chemistry I  4 credit hours
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 202  Organic Chemistry II  4 credit hours
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 201

CHE 295, 395, 495  Independent Study  1–4 credit hours
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 expectation. Each independent study course is developed in consultation with a faculty member in the Natural Sciences Department. May be repeated for credit. Offered fall and spring.

Prerequisites: CHE 102, permission of the instructor and the department chair
**CHE/BIO 304 Biochemistry**  
4 credit hours  
Topics include the structure and function of proteins, carbohydrates, lipids, and nucleic acids. Enzyme regulation, kinetics and mechanisms are emphasized. Thermodynamics and the role of 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. Laboratory work introduces techniques such as ion exchange chromatography, thin-layer chromatography, gel-filtration chromatography, electrophoresis, and spectroscopic analyses of enzymatic reactions. Offered spring 2006.  
*Prerequisite:* CHE 201 or permission of instructor

**CHE 480 Teaching Assistantship**  
1–3 credit hours  
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

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**Child Development**  
M. ABECASSIS, J. BLISS, M. CLEMENT, J. EWING

**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 Early Childhood Education Program provides students with additional courses in education and a teaching internship leading to N–3 certification. Depending upon the focus of their studies, graduates of these programs are prepared for employment in nursery schools, kindergartens, elementary schools, hospitals, childcare centers, and other agencies that offer services to young children and their families. Graduates are prepared to pursue advanced studies in related fields.

Students in the child development major choose an internship experience to use the knowledge learned in the classroom in an applied setting. New England agencies that have sponsored internships for Colby-Sawyer students include the Boston Children’s Museum, Division for Children, Youth and Families, Montshire Museum, Spaulding Youth Center, Special Olympics, Windy Hill School (campus laboratory school) and Dartmouth-Hitchcock Medical Center in New Hampshire. Other recent internship experiences have taken place in a school library, a school for emotionally handicapped children, Head Start programs, an infant child-care setting, and a public school inclusion program. Students design their own internship experiences with the support and approval of the department.

**Requirements**  
Liberal Education Program requirements  
CHI 205, 306, 308  
PSY 101, 203, 401, 404  
*Requirements, continued next page*
Two PSY courses at 200 level or above
PSY 306 or CHI 309
SOC 101, 203, 304
Modern American history or modern American government course
CHI 312 (Not required for students who select Early Childhood Education Certification)
CHI 485 (Not required for students who select Early Childhood Education Certification)

Major Acceptance Requirements
- A minimum cumulative GPA of C (2.0)
- A minimum grade of C (2.0) in each of these courses: PSY 203 and CHI 205
- A Major Acceptance essay (see the social sciences and education department chair for details)

Suggested Registration

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<tr>
<td>WRT 105</td>
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<td>First Year Pathway Seminar</td>
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Second Year

| CHI 205 or Liberal Education Course       | Liberal Education Course or CHI 205   |
| PSY 200- or 300-level Course              | PSY 200- or 300-level Course          |
| Modern American Government course or      | Modern American History Course or     |
| CIS 105                                   | CHI 205                                |
| Liberal Education Course                  | Liberal Education Course or CHI 205   |
| Liberal Education Course or CHI 205       | Liberal Education Course or CHI 205   |

Third Year

| CHI 309 or Elective                       | PSY 401                                 |
| CHI 306                                   | CHI 308                                 |
| SOC 304                                   | PSY 306 or Elective                     |
| Elective                                  | CHI 312                                 |
| Elective                                  | Elective                               |

Fourth Year

| PSY 404                                   | CHI 485 (may be taken either semester) |
| Elective                                  |                                        |
| Elective                                  |                                        |
| Elective                                  |                                        |

CHI 285 is strongly recommended during the sophomore year in the semester when CHI 205 is not taken.

Total credit hours: 120 minimum
Child Development Minor

Requirements

The child development minor consists of 18 credit hours: PSY 101, 203; CHI 205, 306; and four additional credit hours of coursework chosen from psychology, sociology or child development courses at the 300 or 400 level currently required for the child development major. Please refer to the section of the catalog entitled Minor Programs for further information.

Child Development with Early Childhood Education Certification

Through this program, students can earn New Hampshire Teacher Certification in Early Childhood Education (N–3). The program requirements and the suggested registration are listed in the Education section of this catalog.

Course Offerings

CHI 205 Services for Young Children 4 credit hours
This course provides students with an introduction to various services, programs and policies that are relevant to young children and their families. It also examines the role of the professional in each of these settings. Students have the opportunity to examine topics such as social policy and child advocacy, childcare, child abuse, early education and programs for special populations. A 30-hour field practicum/lab is required. Students may choose from several types of placements in preschools, Head Start programs, and childcare centers. Offered fall and spring.

Prerequisite: PSY 203

CHI 285 Child Development Internship 0–3 credit hours
Students may enroll in a part-time internship (three to nine hours per week) to gain additional experience working with young children. Various placement sites are possible; these include, but are not limited to, child-care centers, hospitals, schools, 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 credit hours
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 in the Social Sciences and Education Department. May not be used to meet a major requirement. May be repeated for additional credit. Offered fall and spring.

Prerequisite: Permission of the instructor and the department chair

CHI 306 Experiences with Young Children 4 credit hours
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 course is designed for students who are interested in teaching in the primary grades and for those who intend to work with chil-
Children in childcare centers, hospitals, social-service agencies, and recreation programs. 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. Additional emphasis is placed on guidance techniques, cooperative learning, special needs, and parent involvement. Each student develops a portfolio to document achievement of class goals. 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 credit hours
This course applies recent research about learning and principals of child growth and development to classroom practice in early childhood education. Emphasis is placed upon design and administration of appropriate educational programs for nursery school, kindergarten, and primary classrooms through grade three. Students investigate and compare various curriculum models and assumptions that underlie them. Topics include choosing and sequencing subjects in an integrated curriculum, forming and implementing teaching units based on a project approach, using technology with young children, following the process of inclusion, and learning evaluation and record keeping technologies. Students develop a semester-long project that incorporates literacy, mathematics, the arts, science, technology and social studies. Each student develops a presentation portfolio as well as a philosophy statement on individual beliefs about teaching. A practicum/lab is required in which each student works four hours a week at Windy Hill School or at a local elementary school. This course is required of all child development students who plan to pursue teacher certification. Offered spring.

Prerequisite: CHI 306

CHI 308 Evaluation of the Young Child 3 credit hours
This course focuses on the overall process of assessing the intellectual development and academic achievement of young children. Students learn about different types of observation techniques, developmental norms, and administration and interpretation of various intelligence and achievement tests. Students also examine the legal and ethical considerations in assessment. Offered spring.

Prerequisite: PSY 203 or 206 or 240

CHI 309 Exceptional Children 3 credit hours
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 credit hours
This course introduces theories of language and literacy development in young children. Emphasis is placed on understanding how children, especially those from birth
to five, develop language and literacy and how this process relates to appropriate practices. Students learn how to plan, implement and assess learning activities that support language and literacy development of the individual child. 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 credit hours
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, especially those in kindergarten through the primary grades, develop literacy and how this process informs appropriate classroom practices. Students learn how to plan, implement and assess literacy learning activities that support the individual child in the classroom setting. 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 credit hours
This course introduces issues that lay at the intersection of child development research and social policy issues. Students examine a variety of organizations and programs that play a part in and affect the lives of children, youth and families. Students become familiar with local, state, federal and international organizations and policies. A practicum/lab at a social service organization is required. Offered spring.

Prerequisites: CHI 205, PSY 203

CHI 313 Early Childhood Education Mathematics Methods 2 credit hours
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 appropriate practices. Students learn to plan, implement, and assess mathematics-learning activities that support the individual child in the classroom setting. Offered spring.

Prerequisite: Math requirement

CHI/PSY 320 Children at Risk 3 credit hours
This course examines children in risk situations: abuse and neglect, hospitalization, and child fatalities. Each area is researched with a view toward defining the problem for the child and exploring ways to help minimize or reduce the risk. Offered spring.

Prerequisite: CHI 205 or PSY 200-level course

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

This course provides prospective teachers with the opportunity for in-depth 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 480  Teaching Assistantship 1–3 credit hours**

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 credit hours**

Students in this course work in a setting serving children or families. Placements include, but are not limited to, hospitals, nursery schools, schools, museums, shelters, social-service agencies, and government agencies serving families. Work in these sites is designed to help students apply their academic knowledge of child development. Internships include a weekly seminar with the course instructor; 2.5 site-directed hours per week equals one credit hour. Graded Pass/Fail. Offered fall and 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 credit hours**

This internship is required of those students who are applying for New Hampshire Teacher Certification in Early Childhood Education. It is a full-time, semester-long program in a kindergarten, or first, second, or third grade. These placements can be in either private or public schools. Students must have a minimum 2.5 cumulative grade point average, and a minimum 2.5 grade point average in the courses required for the child development, early childhood education program. Students earn a letter grade. Offered fall and spring.

*Prerequisites:* A grade of B- or better in CHI 306 and the lab portion of CHI 306, 307, 310, 311; CHI 308, 309; acceptance into the Teacher Preparation Program; permission of the faculty sponsor and department chair

**Communication Studies**

P. Anderson, D. Berghorn, K. Berthiaume, D. Coonley, H. Fuller, M. McLoughlin-Terry, M. McMahon, M. Meade, K. Slover, J. Zenor

**Bachelor of Arts: Communication Studies**

Based in the Humanities Department, the Communication Studies Program is an interdisciplinary major that presents communication skills and issues in both a lib-
eral arts and a professional context. The program emphasizes the skills of speaking, writing, seeing and thinking, while offering specialization in audio, video, and multimedia production, and print and writing.

**Requirements**

**Liberal Education Program requirements**

**Communication Core Courses**

COM 201, 203, 216, 325, 341

**Specialization Course Requirements**

A total of 27 credit hours, nine from each of the following three areas. At least five of these courses must be taken at the 300 level.

<table>
<thead>
<tr>
<th>Audiovisual Production (9 credits required)</th>
<th>Print and Writing (9 credits required)</th>
<th>Theory (9 credits required)</th>
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<tr>
<td>COM 209</td>
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Depending on the topic, COM 250 and 350 may fit into the above three categories.

**Senior Requirements (3–9 credit hours)**

For their Capstone Experience (COM 470), all students design, create and publicly present a communication project (such as a video, audio program, newsletter, public-relations campaign or CD-ROM) that addresses a community need. Students also are required to apprentice either through an off-campus internship (COM 485) or a college praxis (COM 475) in which they assume leadership roles in campus media.

**Minor Requirement (credit hours vary according to discipline)**

Communication Studies majors are required to complete a minor in any one of the disciplines offered by the college. Please refer to the Minor Programs section of the catalog for further information.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.0)
- A minimum grade of C (2.0) in COM 201, 203, 216
- Meet with a Communication Studies faculty advisor to review coursework, scheduling and academic and professional goals
- Declare a minor
- 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
## Suggested Registration

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<td><strong>First Year</strong></td>
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<td>COM 201</td>
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<td>CIS 105</td>
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<td>First Year Pathway Seminar</td>
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<td><strong>Sophomore Year</strong></td>
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<td>COM 216</td>
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**Total credit hours: 120 minimum**

## Communication Studies Minor

### Requirements

The minor in communication studies consists of 18 credit hours:

- COM 201, 203
- Two additional communication core courses
- Two 300-level communication electives

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

## Course Offerings

**COM 101  Introduction to Public Speaking and Oral Communication  3 credit hours**

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 201 Concepts in Communication** 3 credit hours
This course is an introduction to studies in human communication. It includes interpersonal, intrapersonal, group and mass methods of transferring meaning. In addition to verbal and non-verbal modes, attention is given to such common media as print, film and television with an emphasis on the ways that each medium codifies reality and the ways it shapes the perceptions of people who use it. Offered fall.

**COM 203 Media Criticism** 3 credit hours
This course is designed to analyze and criticize contemporary genres of audio and visual communication media. Students view examples of photography, film, television and video, both in and out of class. Each genre is studied in terms of structure, style, cultural context and meaning by developing specific techniques of interpretation. Offered fall and spring.

Exploration Area: Media Literacy

**COM/WRT 205 Introductory Journalism** 3 credit hours
In this course, students learn the basic elements of journalism and study the basic forms of journalistic writing: editorials, news articles, and feature stories. Offered fall and spring.

**COM/WRT 207 Newspaper Practicum** 1 credit hour
Credit for this course is based on the student’s participation as an editor for The Colby-Sawyer Courier, the student newspaper. Editors are required to assign and edit stories, attend editorial board meetings, and design and compose their sections of the newspaper. Editors also are required to attend weekly conferences and/or critiques with the advisor of the paper. This course may be repeated for up to six credits. Offered fall and spring.

*Prerequisite: WRT 105; and COM 205 or ART 260*

**COM 208 Introduction to Desktop Publishing** 3 credit hours
A comprehensive introduction to desktop publishing, this course introduces students to writing, editing, design and desktop composition. Students utilize page layout and image-editing programs to produce newsletters. Some introduction to desktop publishing on the Web may be included. Offered fall.

*Prerequisite: COM 203 or COM/WRT 205 or BUS 302*

**COM 209 Expanding Perception: Image, Word and Sound** 3 credit hours
This course is an introduction to 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) are analyzed in terms of their historical impact, ways in which they affect the perception of the audience, and unique ways they capture and present meaning, both individually and in combination. The course’s purpose is to expand perception to experience the environment more clearly, to understand and develop creative potential, and to achieve a basic understanding of building blocks of contemporary communication. Students are expected to provide their own still-image camera (film or digital). No previous production experience is required. Offered fall of even-numbered years.

Exploration Area: Media Literacy
**COM 211  Interpersonal Communication**  
3 credit hours  
An introduction to the role of communication in maintaining meaningful personal relationships. This course analyzes dyads (two-person interactions) and small groups. The role of the self in the communication process is emphasized, and students discover and interpret their own communication styles and strategies. Offered fall of odd-numbered years.

**COM 214  Audio Production I**  
3 credit hours  
This first course in audio production introduces the fundamentals of writing for radio; sound recording; voice work; editing and mixing. Students listen to audio pieces in various styles, including essays, documentaries, audio theater and commercial spots. The emphasis is on student production—both individual and group—even some historical and theoretical points are introduced to provide context for production activities. Offered fall or spring.  
*Prerequisite:* COM 201

**COM/WRT 216  Writing for Public Communication**  
3 credit hours  
In this course 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 spring.  
*Prerequisite:* WRT 105

**COM 222  Internet Publishing**  
3 credit hours  
This course introduces students to the theory and practice of publishing on the Internet. Through examples and guided practice, students are introduced to interactive media development using World Wide Web technologies. Students learn to identify and address user requirements exploiting the characteristics that distinguish interactive, screen-based hypertext from paper-based publications. Students learn basic skills for web graphics production in Adobe Photoshop; learn to read and write XHTML page code; use graphics, style sheets and elementary JavaScript to present information on the Web. Related technologies such as streaming media, Shockwave and RSS (Real Simple Syndication) are demonstrated. Browsing familiarity with the World Wide Web is desirable. Offered fall.  
*Prerequisite or corequisite:* CIS 105

**COM 228  Video Production I**  
3 credit hours  
This course provides a comprehensive introduction to the use of portable digital video recording and editing equipment and its wide range of applications. Through a series of exercises and demonstrations, students become familiar with both video technology and style. The student’s major task is to coproduce a program for *Colby-Sawyer Insights*, a video magazine about the college. Offered fall and/or spring.  
*Prerequisite:* COM 201

**COM 235  Documentary Film and Video**  
3 credit hours  
This course is an introduction to the critical history and development of documentary film and video. This analysis begins with early international examples, then focuses on this controversial genre’s development in the United States. Offered spring.  
*Exploration Area: Media Literacy*
COM 241 American Film 3 credit hours
This historical survey of films produced in the United States focuses on various film genres—westerns, comedies, musicals, gangsters and documentaries—as well as on such concepts as the auteur theory, the star system, and the “golden years” of Hollywood. The technical, aesthetic and cultural aspects of the media are explored. Offered fall.
   Exploration Area: Media Literacy

COM/WST 243 Women in Film 3 credit hours
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 credit hours
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, and Italian neorealism, as well as major figures like Fellini, Bergman, Truffaut, Kurosawa, Bunuel, Wertmüller and Armstrong. Offered spring of even-numbered years.
   Exploration Area: Global Perspectives

COM 250 Topics in Communications I 1–3 credit hours
This course offers a sophomore-level opportunity to study particular subjects in various communication areas that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

COM 285 Communication Studies Internship 0–3 credit hours
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: Communication Studies Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

COM 295, 395, 495 Independent Study 1–3 credit hours
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 in Communication Studies. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.
   Prerequisite: Permission of the instructor and the department chair
COM/WRT 303  Writing About Sports  3 credit hours
In this course, students pursue advanced study of sports journalism, focusing on sports writing. Students write game-analysis stories and study the role of commentary in sports. Students study the field of sports public relations and write news releases and feature stories. Students also analyze and practice writing for audio, video and multimedia. Because this course focuses on game coverage, an extensive knowledge of sports is required. Offered spring of odd-numbered years.

Prerequisite: COM/WRT 205 or ESS 101

COM/WRT 305  Topics in Advanced Journalism  3 credit hours
In this course, students pursue advanced study in a particular form of journalism: investigative news reporting, feature writing, editorial writing or sports journalism. Using database research techniques, students produce magazine-length articles. Offered spring.

Prerequisite: COM 205

COM 310  New Media Technologies  3 credit hours
Students examine recent developments in media technologies and consider their impact on our lives and our prospects. Students explore various definitions and metaphors for “the new media” and investigate how these technologies affect us as individual learners, workers, and members of communities. Students examine their implications for institutions like schools, the law, and American-style democracy. Students ask whether any deep transformations are implicit in the shift from analog to digital representations of the world, and use published research, personal experience, and theory to imagine the future. Offered fall.

Prerequisites: CIS 105 and either COM 203 or permission of the instructor

COM/WRT 311  Scriptwriting  3 credit hours
This course is an introduction to fiction writing for the film and video screen. Through class discussion, readings, and analysis of films and videos, students learn idea generation, dramatic theory, narrative structure, characterization, dialogue, and the particular demands of audiovisual media. Offered spring of even-numbered years.

Prerequisite: COM 216

COM/WRT 312  Writing About the Arts  3 credit hours
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: Any COM or WRT 200-level course

COM 314  Audio Production II  3 credit hours
This second-level course in audio production builds on skills introduced in COM 214. The use of radio as an expressive medium is further explored through projects that require more awareness of the audience, and new skills in interviewing, field production and program development. Several projects are collaboratively designed by the students and the instructor. Depending on class interests, the course projects may include feature documentary production, public service campaigns, audio theater and/or live event coverage. Offered fall or spring.

Prerequisite: COM 214 or instructor permission
COM 316 Multimedia Production I  
3 credit hours  
Students build on prior experience at the 200-level in media production and electronic media to create interactive, computer-based productions that communicate using multiple media. A series of exercises of graduated complexity acquaints students with the fundamentals of development in Macromedia Director, including animation, Director Behaviors and the use of time-lines and frames. Students integrate multiple media to create interactive projects for deployment on the Web or as CD-ROMs. Offered spring.  
Prerequisites: COM 208 or COM 222 or ART 132; and a 200 level production course in audio, video or graphic design

COM 319 Multimedia Production II  
3 credit hours  
This advanced course in multimedia production builds on skills acquired in COM 316 by addressing the interactive capacities of Macromedia Director and the Lingo programming language. Students undertake a series of hands-on exercises and projects, culminating in the creation of an original interactive application incorporating original audio and/or video as well as text and imagery. Offered fall.  
Prerequisite: COM 316

COM 321 Electronic Journalism  
3 credit hours  
This course is designed to analyze the process and product of electronic journalism. Included are the history of both radio and television journalism, the social implications of news coverage, techniques, and economic foundations of contemporary electronic journalism. Offered spring.  
Prerequisite: COM 203 or 205 or 216

COM 325 Media Law and Ethics  
3 credit hours  
The First Amendment of the Constitution establishes freedom of the press as one of our democratic society's fundamental liberties. This course traces the origin of press freedom, its development in American law, and its impact on the journalistic code of ethics. Students explore key legal controversies that have shaped the way we apply the First Amendment today, looking particularly at areas where the courts have limited our freedom of speech, including the topics of libel, obscenity, and invasion of privacy. Students also look at the special challenges to press freedom posed by new forms of media, particularly radio and television broadcasting and the Internet. Offered spring.  
Prerequisite: COM 203

COM/WRT 326 Investigative Reporting  
3 credit hours  
Students in this course will learn to use databases, government reports, police logs, public meeting minutes, other public documents, and other information sources to report on town and state governments. Students will learn to analyze statistics, interpret rulings, verify information, apply laws and regulations, develop follow-up research strategies and synthesize findings. Students also will learn to provide clear, concise overviews of social issues that affect local citizens. Offered fall of even-numbered years.  
Prerequisite: COM 205
COM 328  Video Production II  3 credit hours
Building on the knowledge and techniques learned in COM 228, this course focuses on longer forms of portable and/or studio video productions. Participants are required to write, direct and produce projects for commercial or noncommercial purposes. Offered fall.
Prerequisite: COM 228

COM/AME 341  Mass Media in America  3 credit hours
A survey of the history and theory of mass media in America, this course provides an introduction to newspapers, magazines, book publishing, advertising, radio, popular music, motion pictures and television. The course examines the effects these media have upon shaping cultural attitudes, values and myths. Offered fall.
Prerequisite: COM 203; or HIS 101 or 102

COM 342  The Movies See the Media  3 credit hours
This course explores mass communication as mediated through selected feature motion pictures whose themes and plots revolve around newspapers, photography, radio, television, and film itself. The focus is on the relationship between image and reality, the ethics and practice of both print and electronic journalism, and the possible effects of these films on audiences. Particular attention is given to the film medium's strengths and weaknesses in portraying significant issues in meaningful ways. The course's objectives are to understand how popular films shape public perception of the communications industry; to gain insights into the cultures of specific times and places depicted in individual films; to learn to critically analyze individual films; and to learn to synthesize the themes of several films into a coherent thesis concerning the meaning of a particular body of films. Not offered 2005-2006.
Prerequisite: COM 203 or 341

COM 350  Topics in Communications II  1–3 credit hours
This course is a junior-level opportunity to study particular subjects in various communications areas that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

COM/WST 360  Gender and Communication  3 credit hours
This course analyzes the role of gender in the communication process. Using experimentation, case study and observation, students investigate the different communication strategies men and women use to interact with each other. Theories of gender and language are discussed. Offered spring of odd-numbered years.
Prerequisite: COM 203 or PHI/WST 111

COM 470  The Capstone Experience  3 credit hours
This course provides an opportunity for seniors in the Communication Studies Program to design and produce a semester-long project. The project must serve the communication needs of a campus or community-service-oriented organization; after completion, the project is made available to the service group for which it was made. During the semester before enrollment, students must submit a proposal that establishes the project's objectives. At the semester's beginning, they must design a
schedule for production of the project, complete the objectives set forth in the proposal, and work under the supervision of one or more members of the Communication Studies faculty. Examples: documentaries in audio or video, public relations campaigns, series of public service announcements, series of newspaper articles, and instructional or promotional videotapes. To qualify, students must have achieved a competency in the selected medium, usually by completing at least two production courses and appropriate related courses. Offered spring only.

Prerequisites: Majors only, permission of the instructor

COM 475  Praxis: Campus Communications  3 credit hours
A senior-level course that provides students with the opportunity to serve as directors, managers or editors of media projects on the Colby-Sawyer campus. This experience varies from semester to semester but always 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. They may be repeated for credit. Offered fall or spring.

Prerequisites: Majors and minors only, permission of the instructor

COM 480  Teaching Assistantship  1–3 credit hours
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  Communication Studies Internship  0–6 credit hours
This is an option for qualified students in the Communication Studies Program to gain work experience by means of an apprenticeship in an off-campus professional communication position that involves significant activity and responsibility. Although students must qualify for specific internships by thorough on-campus preparation (both formal and informal training) and completion of an introductory course in appropriate medium, they also must seek internships that stretch their experience beyond the campus. 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 credit hours). Graded Pass/Fail. Offered fall, spring and summer.

Prerequisites: Communication Studies Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair
Community and Environmental Studies


Bachelor of Science: Community and Environmental Studies

Several essential features of the Community and Environmental Studies (CES) Program provide students with a unique and exciting learning experience. First, the program is preprofessional and designed to provide students with the necessary “hands-on” skills they need to step from college directly into the work force. The program also is designed to prepare students for graduate training in a number of fields. Second, many CES projects are linked closely with the local community. Students interact directly with individuals and businesses in the local area and develop an important sense of community for themselves and their college. Third, many experiences in the program are student driven. Students are responsible for determining which questions and issues are important as well as the proper methods for addressing those issues. Finally, Colby-Sawyer’s location in the beautiful mountains and lakes region of New Hampshire complements these academic and professional opportunities in environmental studies, to provide an educational experience that students are unlikely to encounter at any other small liberal arts college.

Requirements

Liberal Education Program requirements
CES core courses: CES 101, 201, 202
CES 301, 302, 485, 486
MAT 200-level course

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

- CES/BIO 107
- BUS 115 or CES/BUS 116
- CES/ENG 215
- PHI 213
- SOC 101

In addition to the approved courses listed here, special courses may be offered that fulfill these requirements. These courses are identified in registration materials for a given semester.

Complementary Courses (recommended but not required)

- AME 201
- CES/ENG 229
- CES 250
- CES/SOC 305
- CES/PHI 312
- CES/BUS 321
- CES/HIS 323
- CES 350
- CES/BIO 366
- CES/BIO 407
- CES 450
- CES 470
- CES 480
- CES 295, 395, 495

Minor Requirement

Community and 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. Please refer to the Minor Programs section of the catalog for further information.

**Major Acceptance Requirements**

- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) average in CES 101, and CES 201 or 202

**Suggested Registration**

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Total minimum credit hours: 120

**Community and Environmental Studies Minor**

**Requirements**

The minor in community and environmental studies consists of 21 credit hours. Students wishing to minor in community and environmental studies must take the following courses:

CES 101, 201, 202

Three additional 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 complementary courses.

Students may petition for a maximum of six credit hours of other courses containing significant community and environmental studies content. The Community and Environmental Studies Program faculty approves such courses on a case-by-case
basis (students should see the director of the Institute for Community and Environment for more information). Please refer to the Minor Programs section of the catalog for further information.

**Course Offerings**

**CES 101  Air**
4 credit hours
This course introduces the field of community and environmental studies, including key issues and employment opportunities. Students encounter the concepts of systems and sustainability, and work to understand the necessity of a multidisciplinary approach. Students see how science, ethics, economics and business, environmental health, public policy, and the study of communities and human population growth all can affect environmental problems and solutions. More specifically, students examine the chemistry and structure of the atmosphere, and apply the concepts and disciplines listed above to human uses, perceptions, and pollution of air. Students also are introduced to the New London community. Case studies may focus on interdisciplinary analyses of urban smog, global warming and ozone depletion. Lab and field experiences introduce techniques and provide real world examples of concepts covered in the course. Offered fall.

   Exploration Area: Environmental Literacy

**CES/BIO 107  Interactions in Biology**
4 credit hours
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 populations, community, ecosystem, evolutionary, physiological, behavioral and applied ecology. Field investigations are supplemented with computer simulations. Offered fall and spring.

   Exploration Area: Science

**CES/BUS 116  Introduction to Organizations (Environmental)**
3 credit hours
This broad survey course analyzes the functioning of organizations in our society. Aspects such as management, decision making, employees, customers, forms of business, finance, control, and strategy are covered in the course. The underlying theme of the course is the way in which organizations adapt to external forces in a changing and uncertain environment. This course emphasizes the natural environment as a crucial component in the strategic decisions of organizations. This course covers the same content as BUS 115, but there is stronger emphasis on the natural environment. Students are required to look for practical application of business theory and are exposed to ecological principles. Students develop a strong sense of their bioregional identity by means of practical research assignments. Students may not receive credit for both BUS 115 and BUS/CES 116. Offered spring.

   Exploration Area: Social Sciences

**CES 201  Water**
4 credit hours
The title “Water” indicates a focal point and an angle from which interactions between communities and the environment are approached. Students examine the physical and chemical properties of water using comprehensive case studies, as well as the biology of water and the dynamics of aquatic habitats and organisms. Human
uses of water are also discussed, including the politics and history of water use in irrigation and as a powerful tool in exploration. Students explore the causes and effects of water pollution and depletion on past, present and future human and nonhuman communities and on the earth itself. During the entire semester, students work to understand how humans perceive water and the unique relationship we have with it as expressed in art, music, literature, poetry and religion. Includes a laboratory component with lab and field aquatic projects. Offered fall.

**Exploration Area: Environmental Literacy**

**CES 202  Earth**

During this course students examine the development of the earth and the processes that continue to change its structure. Human interactions with the earth are explored, including the development of agriculture, politics, and the history of disputes over land ownership. Soil pollution and topsoil erosion and their effects on human and nonhuman communities are addressed, as are the habitats and lives of terrestrial organisms. Students use detailed case studies to explore appropriate issues and the necessary connections among the atmosphere, water systems and the earth. Includes a laboratory component. Offered spring.

**Exploration Area: Environmental Literacy**

**CES/ENG 215  Visions of Nature: The Literary Tradition**

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

**Exploration Area: Literature**

**Arts & Sciences Elective Area II Literature**

**CES/ENG 229  Native American Literature**

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**

**Arts & Sciences Elective Area II Literature**

**CES 250, 350, 450  Special Topics in Community and Environmental Studies**

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.

**CES 295, 395, 495  Independent Study**

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 in the Community and Environmental Studies Program. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.

Prerequisite: Permission of the instructor and the Community and Environmental Studies faculty committee

CES 301  Advanced Community and Environmental Studies I  12 credit hours
The third year is the defining characteristic of the Community and Environmental Studies Program. Rather than choosing from a series of 300-level course options, all students majoring in community and environmental studies take CES 301 and 302 for 18 total credit hours during the third year. CES 302 is the second component of this two-semester course. 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. This structure allows students to work at length on a complex problem while developing important skills in group-oriented tasks to a degree that is not obtainable in traditional courses. A new project is developed each year that focuses on an important environmental issue in the local community. Students must enroll in both CES 301 (fall) and CES 302 (spring). Offered fall.

Prerequisites: CES 101, 201, 202

CES 302  Advanced Community and Environmental Studies II  6 credit hours
This course is the second, required component of Advanced Community and Environmental Studies. 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 CES 301 (fall) and CES 302 (spring). Offered spring.

Prerequisite: CES 301

CES/SOC 305  Environmental Sociology  3 credit hours
This course addresses how sociology can contribute to the understanding of environmental issues and how the environment and environmental issues provide an understanding of sociological phenomenon. More specifically, students examine 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 also seek to understand how environmental problems have roots in social processes such as culture, community and social inequality, and the bearing these social forces have on ways individuals and groups understand and seek to solve environmental problems. Offered fall of even-numbered years.

Prerequisite: SOC 101

CES/PHI 312  Environmental Philosophy  3 credit hours
How do we define and determine the value of nature? How do we define and understand the impact of environmental problems such as global climate change and extinction of species? This course addresses philosophical, especially ethical, environmental issues raised by thinking about the environment through study of challenging philosophical texts and other materials. A presumption of the course is that “philosophy matters”: In other words, identification and resolution of environmental issues should be based not only on science, economics and politics but also
on philosophical analysis of knowledge and values. Students read and discuss ancient and modern philosophical materials from various traditions; films, literature and poetry also may be used. Understanding theory, applying theory to current issues, and deepening students’ own environmental awareness all are goals of the course. Offered spring of even-numbered years.

Prerequisite: Sophomore standing or above

Exploration Area: Environmental Literacy

CES/BUS 321 Organizations and their Environment 3 credit hours
Organizations have to adapt to complex external forces, including economic, political, social, competitive and technological challenges. An external dimension of increasing importance is the natural or physical environment. Not only do organizations have to take natural forces into consideration, their very actions have a profound impact on the natural environment, such as the depletion of natural resources, air and water quality, and the rapid extinction of species. The physical conditions that humans require for survival are being destroyed by their own actions. Students explore critical issues facing organizations in regard to the environment. 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. Offered fall.

Prerequisite: WRT 105, sophomore standing or above

Exploration Area: Environmental Literacy

CES/HIS 323 White Mountain History 3 credit hours
People have been drawn to the White Mountains of New Hampshire since their discovery. They have been revered by native people, explored by European settlers, exploited by timber barons, and “loved to death” by recreational users. This course uses the White Mountains region as a case study about the manner in which humans and the natural environment interact. 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. Students learn how the tourism and logging industries forever changed the face of the region and the people who live there. Students uncover the passion with which native and visitor populations continue to fight for this area and how those battle lines have been set up historically. Students visit the White Mountains region on field trips and engage in a variety of creative assignments designed to integrate an historical framework with a modern ideology. Offered fall even-numbered years.

Prerequisites: WRT 105, one HIS 100- or 200-level course or one ENG 200-level course

CES/BIO 366 Desert Communities 3 credit hours
This is a field study course to the Sonoran Desert near Tuscon, Arizona. Students apply ecological principles to the ecology of 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. Particular attention will be focused on understanding the human and natural history of this region and how humans and other biotic life have adapted to extremes of temperature and low precipitation. Students will explore the challenges of human settlement in this fragile ecosystem and explore issues faced by
community planners in the southwest. Students will meet regularly in the classroom before and after the trip and will participate in the field study trip during spring break. Participation in all pre and post-trip classroom time as well as the actual field trip is mandatory. There is an estimated additional fee of $600 for this course. Offered spring of even-numbered years.

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

**CES/BIO 407 Conservation Biology** 3 credit hours

This course investigates the scientific basis behind topics in the new 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. Readings include recent articles from journals. This organismal/environmental course is offered spring of odd-numbered years.

Prerequisite: BIO 107

**CES 470 Research Assistantship** 1–4 credit hours

Qualified junior and senior students may apply to work with faculty members as research assistants for faculty research projects. The assistant has responsibilities to assist in the design, implementation and analysis of the research project. The assistant participates in regular discussion with the faculty member regarding the particular research project and the relevant methodological and ethical issues. Offered fall and spring.

Prerequisite: Permission of the instructor and the director of the Institute for Community and Environment

**CES 480 Teaching Assistantship** 1–3 credit hours

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 director of the Institute for Community and Environment

**CES 485 Community and Environmental Studies Internship** 0–6 credit hours

Through this internship, students gain individual professional experience in applying the skills and methods associated with a B.S. in Community and Environmental Studies. Students also are able to explore career opportunities available to CES majors. Placements include, but are not limited to, local, state, federal and international environmental regulatory agencies; environmental organizations; businesses; environmental research centers; state and national parks; national wildlife refuges, etc. Students must follow the internship requirements developed by the staff of the Harrington Center for Career Development. An oral presentation of the results of the internship is required. Graded Pass/Fail. Offered fall, spring and summer.

Prerequisites: Community and Environmental Studies Major Acceptance, preinternship seminar, permission of the faculty sponsor and director of the Institute for Community and Environment
CES 486  Capstone  3 credit hours
As a final component of the CES program, an independent research project must be completed by students in some area relevant to the study of community and environment. In consultation with the faculty member directing the seminar, students identify a topic of interest, complete a literature review, determine appropriate research or analytical methodologies, prepare a project proposal, conduct the research and analysis, and present the findings to the appropriate audiences. These efforts culminate in a final written report and an oral presentation. In addition, each student identifies and works with a faculty mentor throughout the semester to gain or develop specific project-related expertise. Class sessions provide opportunities to discuss project progress and problems, issues related to analysis and writing, and preparation for the final presentation. This course also addresses the professional development of students as they prepare to seek employment or pursue graduate studies following graduation. Offered spring.

Prerequisite: Senior standing

Computing

M. Allen, J. Reed

CIS 105  Introduction to Computers  3 credit hours
This hands-on course familiarizes the student with fundamental information management concepts and applications using computers. Students learn and apply strategies for using data and text with software applications. Primary goals are to introduce and reinforce the computer skills and knowledge base necessary to be effective and efficient in today's information-based society as well as the Colby-Sawyer academic computing environment. Students also use the Internet for research, collaboration and online learning. Offered fall and spring.

Dance

S. Barnard

DAN 110  Ballet Technique I  3 credit hours
As an introduction to classical ballet technique, this course focuses on the fundamentals of ballet. It emphasizes the body placement, muscular strength and control that lead to free and graceful movement; movement-music coordination; and a basic knowledge of dance terminology. Offered fall.

Exploration Area: Fine and Performing Arts

DAN 120  Jazz Dance Technique I  3 credit hours
In this course, basic jazz dance warm-ups, isolations and combinations are practiced. Technical development and performance are emphasized. Offered spring.

Exploration Area: Fine and Performing Arts
DAN 130  Modern Dance Technique I  3 credit hours
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 have the opportunity to develop freedom, kinesthetic awareness, and control in the use of the body. Offered fall and spring.

Exploration Area: Fine and Performing Arts

DAN 170  Repertory  1 credit hour
This course provides students with the opportunity to study and perform new and reconstructed choreographed works by students, faculty and noted dance artists. Emphasis is on participation and developing performance skills. All levels of expertise are welcome. May be repeated. Graded Pass/Fail. Offered fall and spring.

Prerequisite: Permission of the instructor

DAN 210  Ballet Technique II  3 credit hours
This course is a continuation of the fundamental principles of ballet technique and dance terminology. Building on the skills gained in DAN 110, the student further refines strength, control and style. Offered fall and spring.

Prerequisite: DAN 110

DAN 220  Jazz Dance Technique II  3 credit hours
A continuation of basic jazz dance techniques, this course concentrates on current styles of jazz. Offered spring.

Prerequisite: DAN 120

DAN 230  Modern Dance Technique II  3 credit hours
As a continuation of the beginning experience in modern dance, this course places emphasis on developing strength, flexibility, endurance, control and coordination with music and rhythm in dance. Students practice basic axial and locomotor movements and their development into simple movement patterns. Offered fall and spring.

Prerequisite: DAN 130

DAN 320  Jazz Dance Technique III  3 credit hours
This course is designed for the intermediate-level student of jazz dance technique. Emphasis is placed on continued technical development, style and performance skills. May be repeated twice for credit. Offered spring.

Prerequisite: DAN 220

DAN 330  Modern Dance Technique III  3 credit hours
A continuation of DAN 130 and 230, this course is designed for the intermediate-level student of modern jazz technique. Students have the opportunity to further develop kinesthetic awareness and control of the body through the practice of specific modern dance movement exercises. Attention is given to expanding the student’s awareness of space and time and to disciplining the body to move with energy and greater freedom. May be repeated twice for credit. Offered fall and spring.

Prerequisite: DAN 230
Economics

A. QUINN

ECO 101 Principles of Economics I 3 credit hours
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 Principles of Economics II 3 credit hours
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. Attention is paid to the use of mathematical skills in the analysis of microeconomic theory. Offered spring.

   Exploration Area: Social Sciences

ECO 203 Money and Banking 3 credit hours
This course is designed as an in-depth study of the money and banking structure in American society. Major topics for study include the role of the banking system and other financial institutions in the supply and control of money; the relationship of money to government with special reference to the Federal Reserve system; examination of monetary theory and national income analysis; and the development of overall economic policy, including international involvements. Visits to various types of financial institutions are part of the course. Offered fall of even-numbered years.

   Prerequisite: ECO 101

ECO 295, 395, 495 Independent Study 1–3 credit hours
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 of the Business Administration Department. May be repeated for credit. Offered fall and spring.

   Prerequisite: Permission of the instructor and the department chair

ECO 480 Teaching Assistantship 1–3 credit hours
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

J. Bliss, K. Bott, W. Brock, M. Clement, J. Ewing, J. Ferriera, M. McMahon, C. Potter

Colby-Sawyer students may earn New Hampshire Teacher Certification in Early Childhood Education (grades N–3), Art Education (grades K–12), Social Studies Education (grades 5–12), and English Language Arts Education (grades 5–12). The State of New Hampshire may change its certification standards at any time. Therefore, program requirements may change.

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 kindergarten through third grade. Certification in art education and English language arts education is available to students who complete majors in those subjects and the required courses in education. Social studies education certification is available to students who complete the history, society and culture major and the required courses for education.

All education options require 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 lesson 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. Specific requirements for each certification program are described below.

Admission to the Teacher Preparation Programs

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 programs in Early Childhood Education (N–3), Art Education (K–12), English Language Arts Education (5–12), and Social Studies Education (5–12). Students complete the necessary form with the assistance and approval of their advisors 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 the Student Teaching Internship (CHI 490 or EDU 490). Specific requirements are as follows:

Requirements for all Teacher Preparation Programs

- Successful completion of the Major Acceptance in the appropriate major
  - EDU 201—minimum grade of C+
  - WRT 105—minimum grade of C+
  - MAT 122 or above—minimum grade of C+
  - Exploration Literature course—minimum grade of C+
  - Minimum cumulative GPA of 2.5
Additional requirements for the Early Childhood Education Program
CHI 306—minimum grade of B-
CHI 306 practicum/lab—minimum grade of B-
Successful completion of CHI 306 portfolio review

Additional requirements for the Art, English Language Arts, and Social Studies Education Programs
EDU 305—minimum grade of B-

The State of New Hampshire Board of Education also requires prospective teachers to pass skills tests for certification. In the most recent year, 85 percent of Colby-Sawyer’s precertification students passed these tests. The precertification test differs 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 kindergarten through third grade. New Hampshire certification transfers to most other states.

Students seeking early childhood education certification complete the major requirements for the B.S. in Child Development. In addition, they take CHI 307, 309, 310, 311, 313 and 490, the teaching internship. 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. A minimum grade of B- is required in the practicum/lab portion of the methods courses (CHI 306, 307, 310 and 311).

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
Modern American government course or modern American history course

Early Childhood Education Certification Option
EDU 201; CHI 307, 309, 310, 311, 313, 490

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

Total credit hours: 120 minimum

Art, English Language Arts, and Social Studies Education Certification

These certification options provide prospective teachers with sustained study in a disciplinary area, a solid background in the liberal arts and sciences, and an awareness of how to blend their knowledge of material with an understanding of current pedagogical techniques.

Students in this program acquire knowledge in human growth and development, methods of learning, educational philosophy and pedagogy of teaching. Students must apply for acceptance into the Teacher Preparation Program. Teaching internships are done during the senior year and are arranged with cooperating teachers in local schools and with the approval of the faculty supervisor, based on performance in EDU 306 for English language arts education and social studies education, and EDU 307 for art education.

Studio Art with Education Certification

The Bachelor of Arts in Art with the New Hampshire Teacher Certification option is designed for the student who plans to teach at the primary or secondary level. The degree option leads to certification to teach grades K through 12. Students in this program complete the requirements for the Bachelor of Arts in Art and additional coursework for education. Prospective teachers must do the teaching internship at both the elementary and secondary grade levels. They also must be accepted into the Teacher Preparation Program.
Requirements
ART 110, 125, 132, 201, 202, 230 or 234, 240, 245, 270, 425
One additional introductory studio course chosen from ART 210, 213, 260
Three 300- or 400-level courses in one studio area concentration
Two 300-level art history courses
Students must have a minimum C (2.0) cumulative GPA in all art courses
to graduate.

Courses Required for Teacher Certification
CHI 309; EDU 201, 305, 307, 490; HIS 102; PSY 101, 240
EDU 285 is highly recommended for education students.

Suggested Registration

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Total Credit Hours: 120 minimum

English Language Arts with Education Certification
Students seeking New Hampshire Teacher Certification in English Language Arts (grades 5–12) complete the degree requirements for the B.A. in English and qualify for certification by completing additional coursework in Education. A successful application to the Teacher Preparation Program also is required.
**Requirements**

Liberal Education Program requirements

ENG 160

ENG 200-level courses: 21 credit hours

ENG 220

Three survey courses: ENG 222, 231, and 248 or 249

One genre course: ENG 213, 244, 245, 251, or 265

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

ENG 300- and 400-level courses: 18 credit hours

ENG 342, 487, 488

Four additional courses at the 300 level:

AME 305; ENG 324, 331, 333, 335, 338, 339, or 350

**Courses Required for Teacher Certification**

CHI 309; ENG 332; EDU 201, 285, 305, 306, 490; HIS 102;

PSY 101, and 206 or 240

**Suggested Registration**

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<tr>
<td>WRT 105</td>
<td>ENG 200-level Survey Course</td>
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<td>ENG 160</td>
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<td>First Year Pathway Seminar</td>
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<td>CIS 105</td>
<td>Sophomore Pathway Seminar</td>
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**Sophomore Year**

ENG 200-level Survey or Genre Course

PSY 101

EDU 201

CIS 105

Liberal Education Course

| ENG 200-level Survey Course |
| ENG 220 |
| PSY 206 or 240 |
| HIS 102 |

**Junior Year**

ENG 200-level Interdisciplinary/ Cultural Course

ENG 300-level Literature Course

EDU 285 or Elective

EDU 305

CHI 309

| EN 342 |
| Elective or EDU 285 |
| ENG 332 |
| ENG 300-level Literature Course |
| EDU 306 |

**Senior Year**

EDU 490

ENG 487

| ENG 488 |
| ENG 300-level Literature Course |
| ENG 300-level Literature Course |
| Liberal Education Course |
| Elective |
Recommended electives: courses in creative writing, philosophy, religion, American studies, women’s studies, communication studies and film.

**Total Credit Hours: 120 minimum**

### Social Studies with Education Certification

Students who wish to obtain New Hampshire Teacher Certification in Social Studies (grades 5–12) must complete a Bachelor of Arts in History, Society and Culture; qualify for certification by completing additional coursework in education; and be accepted into the Teacher Preparation Program.

#### Requirements for the Major

- **Liberal Education Program requirements**
  - GOV 100, and one 200- or 300-level GOV course
  - HIS 101, 102, 217, 218, 301
  - HSC 100, 400, 401

- **Two additional history 300- or 400-level courses: at least one U.S. history and one non-U.S. history course**

- **SOC 101 and one 300- or 400-level SOC course**

- **Two culture courses from the following:** AME 201, 305, 341; ART 201, 202, 302; CES 229; COM 203, 341; ENG 216, 224, 229, 247, 248, 249, 263, 324, 331, 333, 339; PHI 205, 308; PSY 221; REL 205; WST 331.

#### Courses Required for Teacher Certification

- CHI 309; EDU 201, 305, 306, 490; PSY 101, and 206 or 240
- EDU 285 is highly recommended for education students.

#### Suggested Registration

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<td>CHI 309</td>
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<td>EDU 305</td>
<td>GOV 200- or 300-level Course</td>
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<td>EDU 490 (either semester)</td>
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<td>HSC 400</td>
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Total Credit Hours: 120 minimum

Course Offerings

**EDU 201 Foundations of Education**  
3 credit hours  
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 whole-class service 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. This course is a requirement for teacher certification. Offered fall and spring.  
Exploration Area: Social Sciences

**EDU 250, 350 Topics in Education**  
1–3 credit hours  
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 credit hours  
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. They keep a journal related to their work and discuss their work with the instructor at intervals during the semester. Students may present their findings to one of their on-going education classes. 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**  
3 credit hours  
This course provides students with an introduction to classroom methods and teaching strategies. Models of teaching content and thinking skills are examined and applied to the various content areas as well as in relation to interdisciplinary learning. Students develop and implement lessons, teach and critique the work of their peers, and develop and apply assessment tools. Curriculum models and frameworks are introduced and applied in lesson planning. Students practice using computer technology and audiovisual media in the context of teaching. Offered fall.  
*Prerequisite:* EDU 201
EDU 306 Methods of Teaching in Middle and Secondary Schools 4 credit hours
This course prepares students for various aspects of student teaching. Topics include school climate, student diversity, lesson planning and implementation, assessment, classroom management, communication with parents and community, and professional and legal issues. Course themes are explored in relation to the course practicum: required participation in a classroom for five hours per week. Students from the content areas of English and social studies meet together in seminar to discuss issues, develop strategies, and practice teaching skills. Students meet in separate labs to address issues specific to their disciplines. Offered spring.
Prerequisite: EDU 305

EDU 307 Methods in Art Education 5 credit hours
Methods of teaching art involves the study, analysis and application of curriculum models and instructional techniques in preparation for a teaching internship. As an outcome of this course, students are able to use various approaches in the design of art lessons and unit plans, employ classroom management skills, provide techniques of assessment, and use a variety of methods to meet the diverse needs in a classroom. Students consider perspectives on the goals and purposes of art education as articulated by leaders in the field. As beginning teachers, students become informed decision-makers in the classroom and collaborative leaders in the school rather than passive technicians and followers. Offered spring.
Prerequisites: EDU 201, 305; PSY 240

EDU 485 Education Internship 0–15 credit hours
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

EDU 490 Student Teaching Internship 15 credit hours
This is a semester-long internship for seniors providing practical teaching experience in an accredited school. It involves supervision by a cooperating teacher, lesson planning, and teaching at a high level of competency. Observations are made by the supervisor of student teachers and by content area faculty, and regular seminar meetings are held with other student teachers. Students seeking the B.S. in Studio Art with education certification must complete the internship at both the elementary and secondary grade levels. To be eligible for the course, students must have at least a 2.5 cumulative grade point average. Students earn a letter grade. Offered fall and spring.
Prerequisites: EDU 201, 305, 306 (for English language arts and social studies) or 307 (for art), acceptance into the Teacher Preparation Program, permission of the faculty sponsor and department chair
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.

Requirements

Liberal Education Program requirements
ENG 160

ENG 200-level courses: 18 credit hours
  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; CES 215, 229; ENG 215, 216, 224, 229, or 247

ENG 300- and 400-level courses: 18–24 credit hours
ENG 342, 485, 487, 488
  Four additional 300-level courses: AME 305; ENG 324, 331, 332, 333, 335, 338, 339, or 350

Major Acceptance Requirements

- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) 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.
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Recommended electives: courses in creative writing, philosophy, religion, American studies, women’s studies, communication studies, and film.

**Total Credit Hours: 120 minimum**

**English Language Arts with Education Certification**

Students seeking New Hampshire Teacher Certification in English Language Arts (grades 5–12) complete the degree requirements for the B.A. in English and qualify for certification by completing additional coursework in education. A successful application to the Teacher Preparation Program also is required. Refer to program requirements and the suggested registration in the Education section of this catalog.

**English Minor**

**Requirements**

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

ENG 160  Thinking About Literature  3 credit hours
In this course, students work and play with basic literary concepts. As the class reads novels, poems, plays and nonfiction, students are asked to take a creative and critical approach to such questions as What is literature? How does it relate to ordinary language? How do literary texts relate to each other? How does literary language relate to ways that we think? Is reading itself a creative act? At the end of the course, students should have a better understanding of literature and its workings, and, most importantly, a more creative and playful process of engaging with texts. Offered fall.

ENG 213  The Poem  3 credit hours
This course explores the diversity and uses of poetry, from poems of many cultures and literary periods to contemporary song lyrics and greeting card verse. Offered fall of even-numbered years.

Exploration Area: Literature

ENG/CES 215  Visions of Nature: The Literary Tradition  3 credit hours
Using examples of the tradition of nature writing begun by Gilbert White and continued by writers such as Edward Abbey, Rachel Carson, Charles Darwin, Annie Dillard, Gretel Erlich, Wallace Stegner, Henry David Thoreau and many others, this course examines the sources of the nature-writing tradition in prose and poetry. The course explores definitions of the pastoral, wilderness, and the the birth of environmentalism and looks toward visions for the 21st century. Offered spring.

Exploration Area: Literature
Arts & Sciences Elective Area II Literature

ENG 216  Irish Literature  3 credit hours
This course examines Irish literature in its cultural context. Special attention is given to Anglo-Irish relations, Catholicism, the Great Irish Famine, the Abbey Theatre, Irish nationalism, and Ireland’s hold on the Irish-American imagination. The class reads a sampling from Ireland’s rich literary heritage ranging from ancient heroic narratives to writers who are more familiar to 21st-century readers, such as Heaney, Joyce, McCourt, and Yeats. Offered spring of even-numbered years.

Exploration Area: Literature

ENG 218  Perspectives in Children’s Literature  3 credit hours
What are the qualities that make a particular work of children’s literature endure? Citing the work of psychologists, art historians, educators and authors, students explore this and similar questions. The class begins with traditional literature and moves on to picture books and early readers, asking what role these books play in the social/psychological lives of children and adults who care for them. While students prepare annotated bibliographies of various genres, this is not a survey course. Rather, it is an in-depth and personal 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 credit hours
Adolescents have been described as “those who think they’re too old to be children but who others think are too young to be adults.” This course defines adolescence as
the period ranging from grade five through the senior year of high school. Students work to identify the criteria that set literature written for this age group apart from that written for older audiences. Students also reflect upon their own adolescence in ways that may help them understand this literature in a deeper, more connected context. Offered spring of odd-numbered years.

Exploration Area: Literature

**ENG 221 Survey of American Literature I**

This course is a study of selected representative works by American writers from 1620 to 1855. Attention is paid to literary periods and major literary themes. Offered fall of odd-numbered years.

Exploration Area: Literature

**ENG 222 Survey of American Literature II**

This course is a study of selected representative works by American writers from 1855 to the present. Attention is paid to literary periods and major literary themes. Offered spring of even-numbered years.

Exploration Area: Literature

**ENG 224 Caribbean Written and Oral Literature**

This course examines literature, poetry and music from the Caribbean. A range of writings is considered: novels by black writers about life on the islands, novels written by North Americans about the Caribbean, and novels by black Caribbeans about the experience of emigration. Reggae, Haitian drumming, and calypso also are studied. Topics such as the relation of literary tradition to nontraditional groups, the relation of music to poetry, the experience of emigration, and the new oral tradition of music are central to the course. Offered fall of odd-numbered years.

Exploration Area: Global Perspectives

**ENG 226 American Poets, The Puritans to the Present**

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/CES 229 Native American Literature**

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**

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, Johnson, Milton, Shakespeare, Swift and others. Offered fall of even-numbered years.

Exploration Area: Literature
**ENG 232  British Literature II**  
3 credit hours  
Romantic, Victorian, and 20th-century figures are approached within the contexts of social and political roles/concepts, aesthetic forms and conventions, and literary themes. Literary continuity between the 19th and 20th centuries and between England and the United States is stressed. Students read the works of the Brontës, Dickens, Eliot, Woolf, Wordsworth and others. Offered spring of odd-numbered years.  
Exploration Area: Literature

**ENG 244  The Novel**  
3 credit hours  
This introductory course explores the characteristics of the modern novel, such as theme, setting, point of view, character and plot. Questions concerning the novel’s definition as a genre and the novel’s ability to analyze social life are basic to the course. Offered fall of odd-numbered years.  
Exploration Area: Literature

**ENG 245  The Short Story**  
3 credit hours  
This introductory course explores the basic elements of prose fiction, such as theme, setting, plot, narration, character and symbol. Learning to analyze prose fiction and understanding the genre of the short story constitute the main objectives of the course. Offered spring of odd-numbered years.  
Exploration Area: Literature

**ENG 247  Encountering America**  
3 credit hours  
The Americas proved to be the meeting ground of cultures that were vastly different in their religion, technology and culture. History, literature and film record and interpret the moment of encounter as it was played out in what has become Canada, the United States, the Caribbean, and Central and South America. This course examines these encounters 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 credit hours  
This course introduces the written and verbal origins of human expression in non-Western cultures. Students begin by asking how literature is a creation of human cultures and how a person from one culture can productively read literature from a radically different perspective. Since all of our texts come from non-Western sources, it is important to keep our minds open to new ways of thinking about the world. Students become aware of both the influences these texts have had on Western culture, and the new and important perspectives they can bring to our lives. Our reading begins with some of the first works of recorded literature and ends with the study of the discovery of new worlds and the cultural, linguistic and environmental changes brought by cultural contact. Offered fall.  
Exploration Area: Global Perspectives

**ENG 249  World Literature II: Postcolonial Literature**  
3 credit hours  
This course focuses on non-Western literary expression after the age of exploration and discovery of new worlds. Students examine the impact of colonialism on literary
expression and track those influences through the postcolonial era of the 20th and 21st centuries. Some of the issues encountered are: the continued syncretism of cultures in language and art, the impact of emigration and exile on identity, gender issues, and global cultures. Offered spring.

Exploration Area: Global Perspectives

ENG 250, 350  Topics in English  1–3 credit hours
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 credit hours
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 figures of the course are Beckett, Chekhov, Fugard, Henley, Ibsen, Miller, O’Neill, Pirandello, Shaw, Williams, and Wilson. Offered spring of even-numbered years.

Exploration Area: Literature

ENG 263  Mythology and Folklore  3 credit hours
An introduction to the role of myth and folklore in society, this course introduces students to archetypal stories from many cultures. Students examine the many theories and definitions of myth. The evolution of mythic themes such as creation and heroism is emphasized. Offered spring. Will not be offered spring of 2006.

Exploration Area: Humanities

ENG 265  Literature and Film  3 credit hours
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 credit hours
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 credit hours
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 in the Humanities Department. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.

Prerequisite: Permission of the instructor and the department chair

ENG 317  Romantic Rebellion  3 credit hours
The years 1780 to 1820 were considered a watershed, with great changes of thought and feeling, political organization, class structure, economy, technology, literature and art in merely forty years. In this course students will study Romantic poetry, novels, and prose within the political and social context of the time. The late 18th century was a time of near revolution in Great Britain where ideas about democracy, slavery, art, gender, the capacities of the mind, language and literature were intensely debated. The writings of Wordsworth, Blake, Coleridge, Wollstonecraft, Austen, Byron, Keats and Shelley gain greater meaning when read as part of a debate, both responding to and participating in the lively and important discussions of the time. Offered spring of even-numbered years.

Prerequisite: One 200-level English course

ENG 324  Literature of the American Renaissance  3 credit hours
This course aims to explore in depth American literature of the mid-19th century, which helped declare America’s cultural independence from Europe and which gave “meters” to the same dazzling geography that inspired landscape artists from the Hudson River to the western Rockies. To this end, students study the major figures of the American Renaissance—Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, and Dickinson—by examining their works in considerable detail, understanding their works in the context of the times when they were created, and tracing the connections and influences they had on the works of one another. Offered fall of odd-numbered years.

Prerequisite: One 200-level literature course

ENG/WST 331  Images of Women in Literature  3 credit hours
This course examines the various ways in which women have written the text of their lives within the genres available to them and within the context of the cultures they have inhabited. Readings include images of women as wives, mothers, sisters and friends; women on pedestals; women as sex objects; and women in new roles as depicted in autobiographical accounts. Writers studied may include Emily Dickinson, Zora Neale Hurston, Toni Morrison, Tillie Olsen, Adrienne Rich, Virginia Woolf and Arundhati Roy, and literary critics such as Gilbert, Gubar, Heilbrun and Showalter. Offered fall of odd-numbered years.

Prerequisite: One 200-level literature course
ENG 332  Study of Language  
In this course students learn to discuss theories and processes by which we acquire, understand and use language; the major developments of language history; and major grammatical theories of English. In addition to the usual assignments, students do fieldwork on language acquisition of children and adolescents in various stages of development, do “dialect geography,” trace a word history, and analyze a piece of their own writing using a major theory of grammar. Offered spring of odd-numbered years.  
Prerequisite: One 200-level literature course

ENG 333  African-American Literature  
In this course, students study African-American literature, music and culture from the 18th to the 20th centuries. The following questions are basic to the course: How can a group of oppressed people define themselves; what are the cultural and personal costs of the history of slavery; how does a specific tradition exist within the context of national tradition; how are forms of mental or creative freedom preserved despite the absence of physical, economic and political freedom? Students discuss these questions through the study of music, novels, film, essays and poetry. Offered spring of odd-numbered years.  
Prerequisite: One 200-level literature course

ENG 335  Autobiography: The Tentative Self  
This course introduces the often-neglected and misclassified genre of 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. The autobiography as confession, apologia, profession of faith, or transformation of experience are included and represented in forms as diverse as letters and fiction. Offered spring of even-numbered years.  
Prerequisite: One 200-level literature course

ENG 338  Contemporary Novel and Narrative Theory  
The purpose of this course is to study contemporary novels with the tools provided by contemporary narrative theory. Students read experimental novels published since the 1960s and excerpts from recent theoretical essays. Students decide the extent to which theory enhances their ability to understand the complex and intricate forms of the contemporary novel. Writers such as Italo Calvino, Jerzy Kosinski, N. Scott Momaday and Carol Shields are considered. Offered fall of even-numbered years.  
Prerequisite: One 200-level literature course

ENG 339  Modernism: Literature from 1890–1940  
This course examines works of poetry, fiction and drama that reflect the period of experimentation known as modernism, a movement that encompasses the fifty-year period between 1890 and 1940. It explores some of the social, cultural, and aesthetic forces that gave rise to this literature and are reflected in it, including links with the art, music and film of the period. Among the writers to be considered are Willa Cather, T.S. Eliot, William Faulkner, Ernest Hemingway, James Joyce, Luigi Pirandello, Ezra Pound, Gertrude Stein, Jean Toomer and Virginia Woolf. Offered spring of even-numbered years.  
Prerequisite: One 200-level literature course
ENG 342 Writing About Literature 3 credit hours
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 and how such study prepares them for the extended senior project of independent literary study. Offered spring.

Prerequisite: ENG 160

ENG 480 Teaching Assistantship 1–3 credit hours
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 credit hours
All English majors (with the exception of students seeking New Hampshire Teacher Certification in Language Arts) 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 0–1 credit hours
In this course, students will design and complete the proposal for the Capstone Project that they will write during the following semester. Their English major portfolio will provide a basis for students to think thoughtfully about their proposal. Their proposal will include discussion of how their project derives from class work in the major and how students expect it to impact their future. Students will also complete an annotated bibliography and plan their project with both the instructor and their advisor for the project. Students will submit three copies of the proposal for consideration by the instructor, their advisor and one other member of the program. Graded Pass/Fail. Offered fall.

Prerequisites: ENG 342, English major

ENG 488 The Capstone Experience: Senior Seminar in Literary Studies 2 credit hours
In this course, students complete a major independent project in a setting where they can exchange ideas with each other. Two faculty members contribute to the student’s experience, the instructor of the course and an advisor with specialized knowledge in the student’s choice of topic. The course combines workshops in research and writing with the reading and discussion of material relevant to each other’s projects. At the conclusion of the course, students will present their project at the spring Scholar’s Symposium. Offered spring.

Prerequisite: ENG 487 or permission of the instructor
English as a Second Language

D. Elliott

**ESL 205  Advanced ESL**  
3 credit hours

Students in this course are nearly ready to function independently in an academic setting. This class familiarizes students with basic rhetorical strategies as well as such synthesizing skills as summarizing and paraphrasing. Readings from *The New York Times*, *International Business* and *The Wall Street Journal* help to form the basis of the course. Students also read a short novel, such as *Of Mice and Men*, *My Antonia* or *Their Eyes Were Watching God*. Passive voice, clause structure, and gerunds and infinitives provide a grammatical focus. This class meets one hour daily, Monday through Friday.  
Prerequisite: Permission of the instructor

Exercise and Sport Sciences


**Bachelor of Science: Exercise and Sport Sciences**  
The major in Exercise and Sport Sciences prepares students for careers in athletic training, exercise and wellness, and the sport industry through three programs of study: Athletic Training, Exercise Science and Sport Management. Study in these three program areas is integrated with the liberal arts, enhancing preparation for professional and personal roles in the professional world. Program requirements allow flexibility in planning and pursuing a student’s post-graduate or career goals. On-campus experiential learning and on/off campus internships and field experiences provide the student with practical learning experiences designed to strengthen both professional preparation and career placement. Students are encouraged to discuss their professional goals including graduate school options with their advisors as early as possible so that courses and internships/field experiences can be selected to enhance their personal and professional opportunities.

The Athletic Training Program, accredited by the Commission on Accreditation of Allied Health Education Programs, 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. The Exercise Science Program emphasizes the scientific approach to wellness through exercise prescription and the evaluation of human performance. Graduates are prepared to work in community, commercial and clinical exercise-science settings. The Sport Management Program provides students with a solid foundation in business and marketing, with specific applications to sport communication, administration, programming and event management. Graduates are prepared for entry-level administrative posts in the sport-business sector.

Internships and/or field experiences are an integral part of the educational experience for all programs. Based on the specific program of study, students have a minimum of two internship/field experiences. Sites for these experiences are arranged in consultation with the department.
Requirements for all Exercise and Sport Sciences (ESS) Major Programs

Liberal Education Program requirements

Competency Requirement: ESS 105

(First aid and CPR certification must be kept current)

Foundation requirements: ESS 100, 101, 451, 452

Dual Programs of Study

Students may choose to complete two programs of study. Students must complete Major Acceptance requirements for both programs to be formally admitted into each program. Students are required to complete only one ESS 285 internship (to be determined with advisor). All other requirements of each program must be successfully completed.

Exercise and Sport Sciences: Athletic Training

The Athletic Training Education Program is accredited by the Commission on Accreditation of Allied Health Education Programs. Upon completion of degree requirements, graduates are eligible to take the Board of Certification, Inc., examination to become certified athletic trainers. Graduates are prepared for entry-level athletic training positions and graduate studies in athletic training and other allied health fields.

Requirements (in addition to requirements for all Exercise and Sport Sciences Major programs)

BIO 106, 205*, 206*
MAT 123 or higher
SCI 201
PSY 101

*A minimum grade of C (2.0) is required for each of these courses.

Students also must:

1. complete a minimum of 800 clinical hours under the direct supervision of a certified athletic trainer.
2. be enrolled in Colby-Sawyer’s Athletic Training Education Program for a minimum of two years.
3. demonstrate competence in all athletic training proficiencies.

Complementary Courses (recommended but not required)

BIO 207
CHE 101, 102
ESS 204, 326, 421, 424
MAT 220
PHY 101, 102
PSY 303
SOC 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
- A minimum grade of C (2.0) in BIO 205 and ESS 101, 105, 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
- 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
- Two completed Faculty Recommendation forms
- 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 catalog and on the college Web site.

Students who have further questions should contact the ATEP Director or the Exercise and Sport Sciences Department chair.

Acceptance in the exercise and sport sciences major is a prerequisite for all ESS 300- and 400-level courses and internships unless permission is granted by the department.

Suggested Registration

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## Transfer Policy for Athletic Training Program

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 program.
Exercise and Sport Sciences: Exercise Science

Courses in the Exercise Science (ES) Program are designed to meet the recommended standards of the American College of Sports Medicine in preparing students to be health, fitness and exercise specialists. The curriculum is also structured to prepare students who wish to pursue graduate studies in exercise science and/or allied health fields.

Requirements (in addition to requirements for all Exercise and Sport Sciences Major programs)

- 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 250, 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, 440

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 (2.0)
- A minimum C (2.0) average in ESS 100, 101, 205; BIO 205
- A Major Acceptance essay. See the ESS department chair or academic advisor for details.

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### Exercise and Sport Sciences: Sport Management

Courses in the Sport Management Program integrate knowledge of business and sport. 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.

#### Requirements (in addition to requirements for all Exercise and Sport Sciences Major programs)
- BUS 115 or 116, 216, 231, 302
- ECO 101
- SOC 303
- 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, 486

#### Major Acceptance Requirements
- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) average in ESS 101, 104, 203; BUS 115 or 116; BUS 231 or ECO 101
- A Major Acceptance essay. See ESS department chair or academic advisor for details
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**Sophomore Year**

| BUS 231                                   | BUS 216                              |
| ECO 101                                   | ESS 248                              |
| ESS 100                                   | Sophomore Pathway Seminar            |
| ESS 105                                   | Liberal Education Course             |
| ESS 203                                   | Elective                             |
| Liberal Education Course                  |                                     |

**Junior Year**

| BUS 302 or Elective                       | ESS 312                              |
| ESS 285B                                  | ESS 314                              |
| ESS 317                                   | SOC 303                              |
| ESS/SM Elective or                       | 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                             |

Course Offerings

**ESS 100  Personal Health and Wellness**  
3 credit hours

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. The focus is upon individualization of activities to address particular needs and circumstances. Offered fall and spring.

Exploration Area: Wellness

**ESS 101  Introduction to Exercise and Sport Sciences**  
3 credit hours

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. The course also provides an introduction to sociological and psychological aspects of sport, with particular attention to those issues of special concern to the sport participant. 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 credit hours
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 segments of the sport industry, 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 hour
This course is designed to prepare students with basic knowledge and skills in first aid and community CPR. Additionally, all components of the emergency medical service system are discussed. Offered fall and spring.

**ESS 106 Prevention and Care of Athletic Injuries**
4 credit hours
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, including skills of the professional rescuer. The student becomes familiar with common medical and human anatomical terminology and injury mechanisms. Offered spring.

*Prerequisites or corequisites: ESS 105, BIO 106*

**ESS 150 Taping Techniques in Athletic Training**
1 credit hour
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 credit hours
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 aspects associated with 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 credit hours
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 Science** 2 credit hours
Students explore various concepts related to the exercise science field. Specific focus is on health-related fitness and motor-performance fitness and their assessment. Proper technique and uses of various exercise equipment are presented as well as an evaluation of the movements associated with each. Offered fall.

*Prerequisite:* ESS 101

**ESS 215 Athletic Training Assessment I** 4 credit hours
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 specific procedures for the evaluation of the upper extremity. Offered fall.

*Prerequisites:* BIO 205, ESS 106

**ESS 216 Athletic Training Assessment II** 4 credit hours
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 specific procedures for the evaluation of the head, trunk and lower extremity. Offered spring.

*Prerequisites:* BIO 206, ESS 215

**ESS 231 Athletic Training Practicum I** 1 credit hour
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 fall.

*Prerequisite:* ESS 106

**ESS 232 Athletic Training Practicum II** 1 credit hour
This course is a structured clinical experience in upper extremity athletic training assessment under the guidance of a certified athletic trainer. It requires demonstration of proficiency in applying a defined set of clinical athletic training skills. Graded Pass/Fail. Offered spring.

*Prerequisites:* ESS 150, 215, acceptance into the Athletic Training program

**ESS 234 Field Experience in Athletic Training I** 1 credit hour
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.

*Prerequisite:* ESS 231
ESS 248  Sport Marketing  
This course introduces the student to marketing in the sport industry and leisure service organizations. Topics include unique aspects of sport and leisure service marketing, economic feasibility studies, data collection, market segmentation, competitive analyses, consumer behavior, marketing mixes, public relations, sponsorships, media promotions, and marketing plans. Offered spring.

Prerequisites: BUS 231, CIS 105

ESS 250, 350, 450  Special Topics  
1–3 credit hours
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  
0–3 credit hours
This 120-hour-minimum experience in exercise and sport sciences is organized to allow for student participation in programs relevant to the student’s program area 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 credit hours
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 in the Exercise and Sport Sciences Department. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.

Prerequisite: Permission of the instructor and the department chair

ESS 307  Therapeutic Modalities  
3 credit hours
This course focuses on the theory, principles and physiological effects of various therapeutic modalities used in the treatment of injuries to athletes and 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 309  Gender and Sport  
3 credit hours
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. 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 credit hours
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 hour
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.

Prerequisites: PSY 101, ESS 231

ESS 312  Athletics Administration  
3 credit hours
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 or 116

ESS 313  Fitness Management  
3 credit hours
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.

Prerequisite: ESS 205

ESS 314  Facility Planning and Management  
3 credit hours
This course is designed to identify the unique characteristics of sport-related facilities, including planning, design and management. One focus of this course is the many aspects of facility management: marketing, services and programs, day-to-day operations, documentation, fiscal management, and trends. A second focus of this course includes the planning for and design of facilities. Offered spring.

Prerequisite: BUS 231

ESS 315  Leading Group Exercise  
2 credit hours
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 credit hours
This course focuses on the theory and operation of various contemporary methods of therapeutic exercise in rehabilitation of injuries to athletes and physically active individuals. Students are introduced to manual as well as mechanical testing and
other primary components of comprehensive rehabilitation design and implement-
tation, including determining therapeutic goals, progress, and ability to return to
athletic participation. Laboratory experiences are used to supplement classroom
instruction. Offered spring.

*Prerequisites:* BIO 206; ESS 215, 216

**ESS 317 Management Concepts in Sport**  
3 credit hours

This course allows students to analyze the various skills, roles and functions of sport
managers. Students are able to describe the elements of leadership theory and prac-
tices as they relate to various managerial responsibilities. Specifically, the course con-
centrates on incorporating various concepts, such as the strategic planning process,
organizational behavior, structure and staffing, motivation theories, personal man-
agement style and philosophy, time management skills, human resource manage-
ment, theories of leadership, and management theory. In addition, students synthe-
size these topics and describe the links among them. Offered fall.

*Prerequisite:* ESS 104

**ESS 318 Strength and Conditioning**  
3 credit hours

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 tech-
niques are addressed as well as the design of sport-specific training programs. Offered
spring of even-numbered years.

*Prerequisite:* ESS 324

**ESS 322 History of Sport**  
3 credit hours

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.

History, society and culture majors who are not pursuing teacher certification in
social studies may use this course as a 300-level history course. Students who are pur-
suing teacher certification in social studies may use ESS 322 only as an elective
course. This course may be used to meet the requirements for a history minor.
Offered fall of even-numbered years.

*Prerequisite:* History Exploration Area course

**ESS 323 Structural Kinesiology**  
3 credit hours

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
structure. The specific focus is on the skeletal, neural and muscular systems. Offered
spring.

*Prerequisite:* BIO 205

**ESS 324 Exercise Physiology**  
4 credit hours

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 top-
ics covered include the effects of exercise on the cardiovascular and pulmonary sys-
tems, 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. Pulmonary function tests, measurement of body composition, anaerobic power testing, aerobic capacity assessment, and fitness testing are experiences fundamental to the student's understanding of basic physiological adaptations to exercise, and these experiences also provide the basis for evaluation of cardiovascular function. Offered fall.

Prerequisites: BIO 205, 206

**ESS 326 Biomechanics**
3 credit hours
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**
3 credit hours
This course is an overview of current theory and practice in coaching education. Students are introduced to sport pedagogy, physiology, psychology, administration, and risk management in the context of coaching sport. This course addresses issues across all levels of performance and competition as well as issues specific to child, youth and collegiate coaching.

Prerequisite: ESS 100

**ESS 331 Athletic Training Practicum III**
1 credit hour
This course is a structured clinical experience in athletic training assessment of the head, trunk and 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.

Prerequisites: ESS 216, acceptance into the Athletic Training program

**ESS 332 Athletic Training Practicum IV**
1 credit hour
This course is a structured clinical experience in the application of therapeutic modalities 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 307, 311, Athletic Training program Major Acceptance

**ESS 333 Field Experience in Athletic Training II**
2 credit hours
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 232
ESS 334  Field Experience in Athletic Training III  2 credit hours
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 331

ESS 402  Leadership and Motivation  3 credit hours
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 credit hours
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 307

ESS 419  Rapid Interpretation of EKGs  3 credit hours
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 credit hours
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 credit hours
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 credit hours
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  Sport Management  3 credit hours
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 V  1 credit hour
This course is a structured clinical experience in the application of therapeutic exercise techniques and the nutritional aspects of injury prevention and recovery 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 316, SCI 201

ESS 432  Athletic Training Practicum VI  1 credit hour
This course is a structured clinical experience in the application of general medical assessment and health care administration issues 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 410, 440, 441

ESS 433  Field Experience in Athletic Training IV  2 credit hours
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 332

ESS 434  Field Experience in Athletic Training V  2 credit hours
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 431

ESS 440  Pathology of the Body Systems  3 credit hours
This course covers the pathophysiology of prominent acute and chronic diseases and conditions of the major body systems. Students study the interdependence of body
systems and the conditions that affect human health and well-being. Other topics include common risk factors associated with these conditions as well as their response to, and impact on, physical activity. Offered fall.

Prerequisite: ESS 324

ESS 441 Pharmacological Concepts in Health Care  
2 credit hours
This course covers the general principles of pharmacology as they relate to the physically active population. Topics include social drugs, ergogenic drugs, prescription medications, and over-the-counter drugs. Also covered is the principle of emergency administration of bronchodilators and epinephrine. Offered fall.

Prerequisites: ESS 307, 316

ESS 451 Research in Exercise and Sport Sciences: Critical Components (Capstone)  
2 credit hours
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 credit hours
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 480 Teaching Assistantship  
1–3 credit hours
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  
0–6 credit hours
This 240-hour-minimum-experience in exercise and sport sciences is organized to allow for student participation in programs relevant to the student’s program area and unique interests. This final required internship experience serves as a unique 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: Completion of 70 percent of total credit hours required in the major, preinternship seminar, current first aid and CPR certification, ESS 285, permission of the faculty sponsor and department chair

ESS 486 Senior Project in Exercise and Sport Sciences  
3 credit hours
Exercise and sport sciences majors may choose to culminate their program in a senior project. With the aid of a faculty advisor, seniors identify a significant area of
investigation; research its parameters; clarify their relationship to that area; and create a final product in the form of a paper, manuscript, lecture, etc. This major project serves as a demonstration of skills and knowledge acquired during the four undergraduate years and marks students’ passage to the status of independent learners and producers. The course also is important in offering graduate schools and potential employers evidence of the student’s competencies, skills and productive techniques. Proposals for projects must be approved the semester before completion.

*Prerequisite:* Senior standing

## Fine and Performing Arts

**G. Bliss, J. Keenan**

**FPA 250, 350** *Topics in Fine and Performing Arts*  
1–3 credit hours  
These courses offer students in-depth study of topics in fine and performing arts that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**FPA 285, 485** *Internship in the Arts*  
0–6 credit hours  
This internship allows students an opportunity to sample the outside work world in areas that relate to their course work and future career choices. Arts organizations such as graphic art companies, museums, galleries, art products companies, theatres, and other performing art organizations are typical sites. Graded Pass/Fail. Offered fall, spring and summer.

*Prerequisites:* Preinternship seminar, permission of the instructor

**FPA 480** *Teaching Assistantship*  
1–3 credit hours  
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

## Government

**H. Cleveland, R. Hanson, W. Helm, S. Jankiewicz**

**GOV 100** *Comparative Government and Geography*  
3 credit hours  
This is an introduction to the study of countries and their governments across regions, cultures and time in an attempt to understand what they have in common, how they differ, and why. The course focuses on the politics and geography of nations in Europe, Asia, the Middle East, Africa and South America. Topics include democracy and autocracy, human rights, postcommunist states, political development, and post–Cold War international politics. The course also introduces the development, concepts, methodologies and materials of government studies. Offered fall and spring.

*Exploration Area: Global Perspectives*
GOV 202  The American Presidency  
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  
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  
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 independent study course is developed in consultation with a faculty member in the Social Sciences and Education Department. May be repeated for credit. Offered fall and spring.  
Prerequisite: Permission of the instructor and the department chair

GOV 301  The United States Constitution  
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  
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. Offered fall.  
Prerequisite: Sophomore standing or above

GOV 304  The Far East in Modern Times  
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. Offered spring.  
Prerequisite: Sophomore standing or above
History, Society and Culture

P. Anderson, J. Carroll, H. Cleveland, R. Hanson, S. Jankiewicz, S. LeBeau, A.P. Stecker, O. Storey

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 meet the content requirement for certification to teach social studies (grades 5–12), and it also prepares 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.

Requirements

Liberal Education Program requirements
GOV 100, any 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 and one non-U.S. history course. (Students pursuing social studies education certification will take HIS 301 as well as one U.S. history and one non-U.S. history course.)
SOC 101 and one 300- or 400-level SOC course
Two culture courses from the following: AME 201, 305, 341; ART 201, 202, 302; CES 229; COM 203, 341; ENG 216, 224, 229, 247, 248, 249, 263, 324, 331, 333, 339; PHI 205, 308; PSY 221; REL 205; WST 331

Major Acceptance Requirements

• A minimum cumulative GPA of C (2.0)
• A minimum C (2.0) average in any two of the following courses: HSC 100; HIS 101, 102; GOV 100; SOC 101
• Portfolio review

Suggested Registration

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**Total minimum credit hours: 120**

### History Minor

**Requirements**

The minor in history consists of 18 credit hours of history courses, including HIS 101 and 102. At least six of the remaining 12 credit hours must be at the 300 or 400 level. Please refer to the Minor Programs section of the catalog for further information. ESS 322: History of Sport may be used to satisfy a minor requirement.

### Social Studies with Education Certification

Students who wish to obtain New Hampshire Teacher Certification in Social Studies (grades 5–12) must complete a Bachelor of Arts in History, Society and Culture and a sequence of required courses for education, including a teaching internship. A successful application to the Teacher Preparation Program also is required. Refer to program requirements and suggested registration sequence in the Education section of this catalog.

### History Course Offerings

**HIS 101 U.S. History to 1877:**

**The Struggle to Create a Nation**  
3 credit hours

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. Tracing back to the origins of this conflict, 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 credit hours  
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. From the gilded age to the present, 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 credit hours  
This is an introductory survey that examines the emergence of “the West” and its relations with the world from the late medieval ages into the 18th century, focusing on the Renaissance, Reformation, scientific revolution, Enlightenment, and Age of Discovery periods. Special attention is given to the emergence of the West, its interaction with such other cultures as the Arab states, China, and the peoples of the New World, and how they contributed to the West’s development. The course also considers debates about the meaning and significance of “Western Civilization,” particularly in respect to groups such as women, peasants and workers, and non-Europeans that previously were marginalized by history. Offered fall.  
Exploration Area: History

**HIS 218  The West and the World II**  
3 credit hours  
This is an introductory examination of the development of modern global civilization with its unprecedented unity and yet great local differences formed by the embrace, reworking, and sometimes even rejection of Western culture. The course surveys the transformation of the West from the end of the 18th century to the late 20th century: how it became a source of global change—for good and ill—through commercial and colonial empires; and how countries worldwide responded to Western power and culture. Topics include revolutions and reform efforts; world wars and efforts at international cooperation; evaluation of the legacy of Western colonialism and critiques of Western culture, especially from the perspective of historically marginalized groups; and the nature of modern global civilization. Offered spring.  
Exploration Area: History

**HIS 250, 350  Topics in History**  
3 credit hours  
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 credit hours  
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 member of the Social
History, Society and Culture

Sciences and Education Department. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.

Prerequisite: Permission of the instructor and the department chair

**HIS/AME 301 The History of New England: Regional and Local Studies**

3 credit hours

Exploring methods of historiography, the course examines issues of growth and change in New England regional culture and history. This course focuses particularly on the social, economic and political events that have affected the region’s development as well as the emerging field of regional and local history. Students extensively use the Colby-Sawyer archives. Offered spring of odd-numbered years.

Prerequisite: Permission of the instructor and the department chair

**HIS 307 America in the Cold War Era, 1945–1990**

3 credit hours

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 credit hours

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 fall of even-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 credit hours

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 credit hours

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 creat-
ed, and what changed and what remained the same. Students analyze the ideas and writings that have inspired revolutionary movements. Finally, students look at revolution as a historiographical issue, examining scholarly debates about the nature and definition of these upheavals and why they occur. *Viva la Revolución!* Offered fall of even-numbered years.

**Prerequisite:** One 100- or 200-level HIS, HSC or GOV course

**HIS 319  Modern Mexico**

3 credit hours

Americans have important reasons to inform themselves about Mexico. Mexico shares a huge border with the United States. 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. But on a deeper level, students explore the dynamics of Mexican history and society, asking why the nation has developed as it has and what it might expect in the future. Offered fall of odd-numbered years.

**Prerequisite:** One 100- or 200-level HIS, HSC or GOV course

**HIS 321  Contemporary Europe**

3 credit hours

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. Students compare life in both the East and West. 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 odd-numbered years.

**Prerequisite:** One 100- or 200-level HIS, HSC or GOV course

**HIS/CES 323  White Mountain History**

3 credit hours

People have been drawn to the White Mountains of New Hampshire since their discovery. They have been revered by native people, explored by European settlers, exploited by timber barons, and “loved to death” by recreational users. This course uses the White Mountains region as a case study about the manner in which humans and the natural environment interact. 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. Students learn how the tourism and logging industries forever changed the face of the region and the people who live there. Students uncover the passion with which native and visitor populations continue to fight for this area, and how those battle lines have been set up historically. Students visit the White Mountains region on field trips and engage in a variety of creative assignments designed to integrate a historical framework with a modern ideology. Offered fall even-numbered years.

**Prerequisites:** WRT 105, one HIS 100- or 200-level course or one ENG 200-level course
HIS 324 The Colonial Experience in the Modern World 3 credit hours
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 odd-numbered years.
Prerequisite: One 100- or 200-level HIS, HSC or GOV course

HIS 480 Teaching Assistantship 1–3 credit hours
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 credit hours
Open to all students, this course provides an introduction to the “detective work” necessary to study history, society and culture. It examines the development of these fields from ancient to modern times and their basic approaches and interconnections. It considers epistemological issues such as fact, truth and inference and begins introducing the research methods employed by students of history, society and culture: electronic and published sources for finding materials, archives, primary research, annotated bibliographies, and methods of citation. The course shows that a student must become a detective who assembles and analyzes information from many different sources to solve the mysteries of history, society and culture. Offered fall.

HSC 250, 350 Topics in 18th- and 19th-Century American History 3 credit hours
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 400 History, Society and Culture Research Methods 3 credit hours
To begin synthesizing their own thinking with existing work, 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 credit hours
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 485  History, Society and Culture Internship  0–6 credit hours
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 and with career opportunities available to HSC majors. Placements include, but are not limited to, archives and historical societies, museums, law offices, political campaigns, libraries, and public radio. The minimum 120-hours required for the HSC major must be completed at a single internship site. Only HSC students not pursuing teacher certification in social studies must take this course. Students pursuing teacher certification in social studies take EDU 490. Graded Pass/Fail. Offered fall and spring.

Prerequisites: Junior standing or above, pre-internship seminar, permission of the faculty sponsor and department chair

Humanities

T. Kealy, A. Knisley, M. McMahon, A.P. Stecker, O. Storey

HUM 201  Judgment and Belief  3 credit hours
This interdisciplinary course seeks to help students integrate the methods and insights of humanities with programs and issues important to their lives. Readings, screenings and discussions focus on understanding what it means to be human, developing social values, and finding meaning in one's actions. Emphasis is placed on understanding diverse points of view and making informed and reasoned decisions on issues of fundamental importance. Open to sophomores, juniors and seniors. Offered fall and spring.

Exploration area: Humanities

HUM 250, 350  Topics in Humanities  1–3 credit hours
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 credit hours
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
Information Management and Technology

L. Malan, T. Stark, D. Swanz, E. Wadsworth

Information Management and Technology Minor

The information management and technology minor emphasizes the process of the management of information within and among organizations, a process that occurs regardless of an organization’s mission. It also provides the student with an understanding of the tools and systems available to manage this information flow. Please refer to the Minor Programs section of the catalog for further information.

Requirements

IMT 201, 202
BUS/IMT 312
BUS/IMT 404

Two additional courses must be taken from the following; one must be at the 400 level:

BUS 320, 328, 411, 412
COM 308, 310, 316
PSY 308, 460, 470

Course Offerings

IMT 201 Information Technology Foundations 3 credit hours

The focus of the course is on learning about the technology components of IT to have a broad understanding of their application in the use and management of information in organizations. In this way, students are better prepared for the high-tech world that impacts the careers they choose to pursue. Offered fall.

Prerequisite: CIS 105

IMT 202 Introduction to Information Systems 3 credit hours

Information and the technology that manipulates data have become critical organizational assets; and the reliance on such systems is expected to increase in the future. This course is designed to address the growing demand for knowledgeable professionals in a technology-based world. Through the tools of systems analysis and design, the course concentrates on the flow of information through an organization. The course introduces conceptual design, physical design, and logical considerations for information systems. After developing a series of generic models, the course moves on to systems development, introducing project management tools that span the process from system selection through implementation and maintenance. Emphasis is placed on understanding user needs in a variety of environments and on using technology to access the data required to meet those needs. Offered spring.

Prerequisite: IMT 201

IMT/BUS 312 Business Applications of the Computer 3 credit hours

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 appli-
cations common to business and organization needs encountered on the job. Offered fall and spring.

Prerequisite: CIS 105

**IMT/BUS 404 Improving Management Decision Making** 3 credit hours
Managers make decisions all the time. Some decisions are routine, but others have major implications for their organizations. How do managers improve the quality of their decision making by using quantitative data and computer technology? This course concentrates on the quantitative dimension of decision making. Students use Microsoft Excel, SPSS and other computer application software to analyze data. The course addresses optimization problems, trends, prediction, statistical analysis, and other methods for improving the quality of decisions. The course also requires students to read and interpret empirical research studies. This is a practical, hands-on course that prepares students to use and interpret quantitative information. Offered fall.

Prerequisites: BUS 312, MAT 220

**Interdisciplinary Studies**

**INT 285 Interdisciplinary Internship** 0–3 credit hours
This interdisciplinary internship is designed to provide students an opportunity to explore occupational areas of interest before committing to a major field of study 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 may 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

**Mathematics**

**R. ANDRUSIAK, A. D’AMBRUOSO, S. KILIC-BAHI, K-H. LEE**

**MAT 122 Topics in Liberal Arts Math** 3 credit hours
In this course, students investigate a variety of mathematical topics and explore the relationship between these topics and being a well-informed citizen in society. Topics include logic, the mathematics of finance (compound interest and loan repayments), the application of statistical reasoning, probability, and game theory. Other topics may be included according to the interests of the students and instructor. The emphasis in this course is not on proofs and derivations but on reasoning skills and the importance of these topics in society and daily life. Offered fall and spring.

**MAT 123 College Algebra** 3 credit hours
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 and exponential functions, as well as on solving related equations. An introduction to trigonometric functions may be included. Offered fall and spring.

**MAT 212 Precalculus** 3 credit hours
Designed for those students who have successfully completed a high school course 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 the concepts of calculus is an integral component of the course. Offered fall and spring.

**MAT 220 Introduction to Statistics** 3 credit hours
This course provides a modern overview of the field of statistics. Gathering useful and accurate numerical information is vital to statistical studies. Describing and analyzing numerical information is equally vital in statistics. Students examine the important concepts of sampling, experimentation, and measurement and identify and classify variables and examine appropriate statistical methods to study them. Students study formal statistical reasoning, including confidence intervals and hypothesis testing. The inference about variables and relationships is emphasized through study of t-test, F-test, Chi-Square test, regression, and analysis of variance. The use of statistical software and graphing calculators to help organize and analyze numerical data is integrated into the course. Offered fall and spring.

**MAT 221 Calculus I** 3 credit hours
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. Offered fall.

*Prerequisite:* MAT 212

**MAT 222 Calculus II** 3 credit hours
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 credit hours
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 credit hours
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 expectation. Each independent study course is developed in consultation with a faculty member in the Natural Sciences Department. May be repeated for credit. Offered fall and spring.

*Prerequisites:* MAT 220 or 221, permission of the instructor and the department chair
MAT 480  Teaching Assistantship  
1–3 credit hours
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

Modern Languages

D. Hill

The purpose of the modern language offerings is to give interested students, at various proficiency levels, the opportunity to receive instruction.

Courses at the 100 level are designed to introduce students to basic vocabulary, grammatical rules, and conversational skills. The 200 level fosters further vocabulary development and exposure to literature in the language studied. These intermediate level courses are normally conducted in the language. Independent Study courses are offered at the 300 level. They are conducted in the language and provide an intense exposure to works that deal with a particular period or a particular theme or problem.

French Course Offerings

**FRE 101, 102  Elementary French  3 credit hours each**
These courses are an introduction to spoken and written French. Students engage in active practice by speaking and understanding French in class. Assignments include written exercises, easy reading materials and taped drills. FRE 102 stresses language drills, vocabulary review, and classroom practice of spoken French. FRE 101 offered fall; FRE 102 offered spring.

**Prerequisite:** For FRE 102: FRE 101 or permission of the instructor

**FRE 203, 204  Intermediate French  3 credit hours each**
These courses continue the development of speaking and writing skills. Written exercises stress grammar and vocabulary. Classes include language drills and discussion of current French culture. FRE 203 offered fall; FRE 204 offered spring.

**Prerequisite:** For FRE 203: FRE 102 or permission of the instructor
For FRE 204: FRE 203 or permission of the instructor

**FRE 250, 350  Topics in French  1–3 credit hours**
These courses offer students in-depth study of topics in French that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

**Prerequisite:** FRE 204 or permission of the instructor

**FRE 480  Teaching Assistantship  1–3 credit hours**
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
Spanish Course Offerings

**SPA 101, 102  Elementary Spanish  3 credit hours each**
These courses provide a study of the fundamentals of pronunciation and structure of Spanish. Objectives include the ability to understand the spoken language, to speak simply and correctly, and to read and write simple material. SPA 101 offered fall; SPA 102 offered spring.

*Prerequisite:* For SPA 102: SPA 101 or permission of the instructor

**SPA 203, 204  Intermediate Spanish  3 credit hours each**
These courses review and extend the fundamentals of pronunciation and structure and augment the comprehension and use of current everyday language. They increase the knowledge and appreciation of Spanish culture by means of intensive reading, class discussion and related activities. SPA 203 offered fall; SPA 204 offered spring.

*Prerequisite:* For SPA 203: SPA 102 or permission of instructor
For SPA 204: SPA 203 or permission of instructor

**SPA 250, 350  Topics in Spanish  1–3 credit hours**
These courses offer students in-depth topics in Spanish that are not part of the regularly scheduled course offerings. The topics are announced before registration. Offered fall and spring.

Music

**L. Campbell, M. Civiello, D. Deniston, N. Fenton, G. Robinson**

A variety of applied music activities are open to all students: applied lessons, music master classes, and performance ensemble work. Credit is given for piano, voice, or other applied music, subject to approval by the department. See the Financial Information section of this catalog for the applied music fees.

- One-hour lesson and nine hours of practice per week carry three credit hours
- One 45-minute lesson and five hours of practice per week carry two credit hours
- One 30-minute lesson and five hours of practice per week carry one credit hour

Course Offerings

**MUS 103  Music Appreciation  3 credit hours**
This music survey course explores contemporary to ancient music 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. Each genre is studied in terms of structure, style, cultural context and meaning by developing specific techniques of interpretation. Offered spring.

Exploration Area: Fine and Performing Arts
MUS 110, 210, 310, 410  Applied Music: Piano, Voice, Winds, Strings, and Percussion  1–3 credit hours

Individual instruction facilitates the development of technical abilities required on a given instrument. Students may select from the following: piano, voice, flute, violin, cello, guitar, and drums. (The level of instruction is dependent on ability. Audition may be required). See the Financial Information section of this catalog for applied music fees. May be repeated for credit. Offered fall and spring.

MUS 131  Colby-Sawyer College Singers  1 credit hour

The Colby-Sawyer College chorus is open to all members of the student body as an opportunity for musical expression. The chorus presents performances of choral literature ranging from madrigals and choral masterworks to folk songs, contemporary music, and excerpts from musicals. May be repeated for credit. Offered fall and spring.

MUS 251, 351, 451  Ensemble Module  1 credit hour

This course brings together a variety of singers and instrumentalists and gives them an opportunity to accompany one another and to perform music at the college level and in the community. The level is dependent upon the musical expertise of student. Graded Pass/Fail. See the Financial Information section of this catalog for the ensemble module fee. 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. A full description of the philosophy can be found in the Manual for Nursing Majors.

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) 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 fully approved by the New Hampshire Board

**Academic Policies**

The *Manual for Nursing Majors* includes the philosophy of the Department of
Nursing and a complete description of the department’s academic and clinical poli-
cies. The manual is available on the college’s Web site. Students are admitted to
the college and then accepted into the nursing major during the fall of their sopho-
more year. Students must demonstrate competence in both the classroom and the
clinical/lab components of the nursing courses to progress in the major.

Students who do not demonstrate competence in the clinical component of a
course receive a final grade of F for the course, regardless of their performance in the
classroom. Students who fail a nursing course based on either their clinical or class-
room performance must successfully repeat both the classroom and clinical com-
ponents 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 con-
sidered only when space permits. Students may repeat only one NUR course and
may do so only one time. The nursing faculty reserves the right to require with-
drawal 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. For more infor-
mation on performance standards and reasonable accommodations, consult the
*Manual for Nursing Majors*.

**Clinical Internships**

In the nursing program, internships are the clinical component of nursing
courses. Clinical internships are taught by nursing faculty, who are responsible for
assisting students in the integration of theory and practice in a clinical setting.
Clinical internships also include a community-practice module, during which stu-
dents rotate out of the hospital to work one-on-one with a nurse in a community
setting. During spring of the senior year, students do a clinical preceptorship, work-
ing 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
community practice project, addressing a health care need they have identified in
a neighboring community.
Colby-Sawyer College is fortunate to offer its students internships in a variety of inpatient and community settings. The Department of Nursing has relationships with Dartmouth-Hitchcock Medical Center, New London Hospital, Concord Hospital, Alice Peck Day Memorial 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.

Requirements

Liberal Education Program requirements
BIO 106, 205, 206, 207
MAT 220
NCLEX prep (no credit); completed portfolio
NUR 203, 230, 305, 307, 309, 332, 334, 336, 405, 407, 408, 442
PHI 305
PSY 101, 240
SCI 201
SOC 101, 203

A minimum grade of C (2.0) is required in BIO 106, 205, 206 and 207 and in SCI 201 before enrolling in 300-level nursing courses. All required science courses must be completed at Colby-Sawyer College. Transfer of required science courses is not permitted in the Nursing major. For further explanation of policies regarding progress in the major, please see the Manual for Nursing Majors.

Major Acceptance Requirements

• A minimum cumulative GPA of 2.5
• A minimum grade of C (2.0) in BIO 106, 205, 206; CIS 105; NUR 203; PSY 101; SOC 101
• Major Acceptance Application Form
• Two letters of recommendation
• A one-page self-evaluation

A minimum grade of C (2.0) is required in all nursing (NUR) and science (BIO 106, 205, 206, 207; SCI 201) courses. Students who receive a grade of C- (1.7) or below in any of those courses will not be considered for the Nursing major.

Admission to the college does not guarantee Major Acceptance into the nursing program. Each year, the nursing department selects a pre-determined number of students for study. Acceptance to the major is a competitive and merit-based process. Major Acceptance into the nursing program occurs in the fall of the sophomore year. The application deadline for the nursing program is the published in the catalog and on the college Web site. The criteria for acceptance and the decision process are explained in the Manual for Nursing Majors.

Transfer Students

The Colby-Sawyer College nursing curriculum is designed for the generic nursing student seeking a first entry-level 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. All required science courses must be completed at Colby-Sawyer College. Transfer of required science courses is not permitted in the Nursing major. Priority for entrance to the nursing
Nursing Program is given to enrolled Colby-Sawyer College students. Further information is available from the Nursing Department and the Registrar’s Office.

**Suggested Registration**

The Nursing Program courses are designed to be taken in sequence, beginning with NUR 203 and ending with NUR 442. Students should expect to spend a minimum of six semesters completing the NUR sequence.

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<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tr>
<td>WRT 105</td>
<td>CIS 105</td>
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<td>BIO 106</td>
<td>SOC 101</td>
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<td>PSY 101</td>
<td>BIO 205</td>
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<td>First Year Pathway Seminar</td>
<td>Liberal Education Course</td>
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<td>Liberal Education Course</td>
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**Sophomore Year**

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<td>BIO 206</td>
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<td>NUR 203</td>
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<td>SOC 203</td>
<td>SCI 201</td>
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<td>PSY 240</td>
<td>Sophomore Pathway Seminar</td>
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<td>Liberal Education Course</td>
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**Junior Year**

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<td>NUR 309</td>
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<td>MAT 220</td>
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**Senior Year**

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<td>NUR 408</td>
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<td>NUR 407</td>
<td>NUR 442</td>
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<tr>
<td>PHI 305</td>
<td>NCLEX Prep (no credit)</td>
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<tr>
<td>Elective*</td>
<td>Elective*</td>
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* It is recommended that students take two free electives, but it is not required.

Total credit hours: 120 minimum

**Course Offerings**

**Interpreting NUR Course credits:**

Total credit hours (class credits.clinical credits.lab credits)

**NUR 203 Introduction to Professional Nursing** 3 credit hours (3.0.0)

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.

Exploration Area: Wellness
NUR 230  Health Assessment and Nursing Skills  6 credit hours (3.2.1)
This clinical course introduces the role of provider of nursing care, with a focus on promotion of health and normative aging in individuals in residential and community care. 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. Students practice physical assessment skills on one another in the lab setting under the guidance of nursing faculty. Community-based practice modules allow students to participate in the hands on care of elders. Offered spring.
Prerequisites: NUR 203; BIO 205, 206

NUR 305  Nursing Practice: Family Health  8 credit hours (4.4.0)
This clinical course introduces the role of care provider for families experiencing normative childbearing and childrearing and for children who require restorative care. Topics include prenatal, child and family development; reproductive health; labor and birth; nursing interventions with children; and the management of common childhood illnesses. Under the guidance of a community mentor, the community-based practice module includes assessment of adaptation of the newborn’s family at home and children’s school health. Offered fall.
Prerequisite: NUR 230

NUR 307  Pharmacology  3 credit hours (3.0.0)
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 fall.
Prerequisites: BIO 106, 205, 206

NUR 309  Community-Based Nursing Care  2 credit hours (2.0.0)
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.
Prerequisites: PSY 101; SOC 101

NUR 332  Nursing Practice: Care of the Adult I  7 credit hours (5.2.0)
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. Under the guidance of a community mentor, the community-based practice module includes assessment of self-care capacity, adaptation to chronic illness, and depression/dementia in adults. Offered spring.
Prerequisites: NUR 305, 307, 309
NUR 334  Nursing Practice: Mental Health Nursing  4 credit hours (2.2.0)
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). Under the guidance of a community mentor, the community-based practice module includes assessment of self-care capacity, adaptation to chronic illness, and depression/dementia in adults. Offered spring.

Prerequisites: NUR 305, 307, 309

NUR 336  Healthcare Research and Policy  3 credit hours (3.0.0)
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 spring.

Prerequisite: MAT 220

NUR 405  Nursing Practice: Care of the Adult II  7 credit hours (4.3.0)
In this clinical course, the students provide and manage restorative care for adults with complex needs and their families, in an acute care setting and in home care. 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. Under the guidance of nursing faculty, the community-based practice module includes assessment of home care of adults. Offered fall.

Prerequisites: NUR 332, 334, 336

NUR 407  Community Capstone I  3 credit hours (2.1.0)
In this clinical course, the focus is on the community as client. 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: NUR 332, 334, 336

NUR 408  Community Capstone II  2 credit hours (1.1.0)
In this clinical course, students continue to work in select communities with a community mentor to implement and evaluate the interventions they designed in Community Capstone I. 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, inter-disciplinary 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 405, 407

NUR 442  **Clinical Capstone:**
**Nursing Management of Patient Care**  10 credit hours (2.8.0)
In this clinical course, 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 Preparation**  0 credit hours
Students will develop and implement a study plan during the spring of the senior year in preparation for the NCLEX exam. They take a diagnostic computerized comprehensive exam, use NCLEX simulation software to practice test questions, and meet regularly with faculty as part of their preparation. Offered spring.

Prerequisites: NUR442 Corequisite

NUR 495  **Independent Study in Nursing**  1–3 credit hours
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 credit hours
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 credit hours
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 credit hours

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 and Stepping Stones Offered Fall 2005:**

**PTH 101A  On The Road: Personal and Cultural Journeys in American Culture** 3 credit hours

This Pathway explores the significance of journeys and journeying in the United States and the roles they have played in shaping individuals, defining historical periods, and creating an important cultural identity. Throughout this course students consider how journeying has both affected those involved in them and contributed to social and cultural roles throughout American history.

In the First Year Seminar, students explore some key historical journeys, such as those made by 17th -century explorers and 19th -century pioneers as well as Native Americans forced to relocate, and Depression-era families searching for better prospects. Students consider a series of specific individual journeys, as recorded in journals and autobiographies, presented in film and fiction, and reflected in works of music and art. In the Sophomore Seminar, students explore the roles journeys have played in their lives and the ways journeys are being defined, experienced, and portrayed, both conventionally and unconventionally, in the 21st - century.

Stepping Stones Options: AME 201 or HIS 102; CES 201 or CES 202; ENG 248 or ENG 249; REL 100 or REL 101; SOC 101

**PTH 101B  Where are We? Finding our Location in Space and Time** 3 credit hours

In this Pathway, students explore many different ways of describing where we are, both geographically and in time. Students explore different ways of discovering what is unique about where and when we live, and how this time and place might look to people in other places and times. Where we are can be described by culture, society, and history as well as by geology, biology, and the technology used for navigation. Students collect information from their own observations, as well as from books, other readings and videos.

The First Year Seminar focuses on where we are in New London, New Hampshire, and the United States, and where students think we are in our history. Observations are an important focus in this course. Students discuss what spatial sense is and how people acquire it. In the Sophomore Seminar, students look at where we are from a broader perspective: how we are viewed by other cultures and where we are in the solar system and universe, both in space and time. This perspective entails questions such as: What is the nature of time? When did it begin? How can the universe be bounded, yet infinite?

Stepping Stones Options: BIO/CES 107; CES 101 or CES 201 or CES 202; COM 212 or GOV 100; ENG/CES 215 or ENG 247; HIS 101 or HIS 102 or HIS 217 or HIS 218
PTH 101C  Sound: From Physics to Fantasia  3 credit hours
In this Pathway, students explore the nature and experience of sound. The exploration will include the sources, physics, and the physiological and psychological effects of sound, as well as the role sounds plays in people's lives.

In the First Year Seminar, students focus on the nature of sound as viewed from the perspective of physics, biology, psychology, language and music. This exploration includes an examination of the many roles sound plays in people's lives. Students discuss the differences between sound and noise and examine the impact each has life experience. By making sound, students experience the ways in which sound affects health, well-being, learning and creativity.

The Sophomore Seminar focuses on how we can use our understanding of sound to improve the world in which we live. Students approach the topic from the perspective of anthropology, sociology and religion. By listening to the sounds of different cultures and historical periods, students explore how sound varies across place, time and culture and how it serves as a culture-creating and culture-sustaining force.

Stepping Stones Options: BIO 106 or BIO/CES 107; COM 209; DAN 110 or DAN 120 or DAN 130; ESS 100; MUS 103

PTH 101D  Freedom and Fear: Living the First Amendment  3 credit hours
In this Pathway, students explore the freedoms granted in the Constitution's First Amendment: freedom of speech, religion, press, assembly and petition. In times of social threats, the rights of individuals are often suppressed. Students read about the ways in which people whose freedoms were taken away have challenged the laws. Students will think about the importance of these freedoms in their lives.

In the First Year Seminar, students focus on individual fights for freedom. In the Sophomore Seminar, students focus on the constitutional history and Supreme Court decisions that have defined freedom in American culture.

Stepping Stone Options: ART 100; COM 203 or COM 209; HIS 101 or 102; REL 100 or REL 101; SOC 101

PTH 101E  Animals in Culture and Nature  3 credit hours
From cave paintings to beloved pets, animals have always been an integral part of the human experience. Humans use animals as symbols, science, food, clothing, companions, helpers, commodities, and necessities of existence. Animals are everywhere in our lives, yet we often fail to recognize the vital roles they play. In this Pathway students explore the complex interrelationships between human cultures and animal life. Students challenge their assumptions about the human-animal divide and arrive at new self-understanding by studying animals through psychology, science, art, literature and philosophy.

In the First Year Seminar, students explore broad issues of human-animal interaction. Students will develop their own questions related to the role and representation of animals in culture. The Sophomore Seminar provides alternative theoretical viewpoints for these questions.

Stepping Stones Options: ART 201 or ART 202; BIO 106 or BIO/CES 107; ENG/CES 215 or ENG 263; HIS 101 or HIS 102; PSY 101 or SOC 101
**PTH 101F  Art in the Landscape / Landscape as Art**  
3 credit hours  
The relationship between architecture, landscape architecture, and art in the landscape has a history of its own and the lines between the different disciplines are intertwined and at times have become one entity. Works like those of architect Frank Lloyd Wright and landscape architect James Rose are good examples of architecture, landscape architecture and art merging into whole concepts. In this Pathway, students explore the history of sculpture from the point at which the base was abandoned and content became more than the presentation of a beautiful object for audience consumption. Students also learn how landscape design emerged out of the works of talented amateur gardeners and the curriculum of architecture studies to become its own respected discipline.

In the First Year Seminar, students explore the basic elements of design, and learn the vocabulary necessary for the understanding of sculptural form and landscape design, thus discovering the first layer of commonalities of vision between the two disciplines. Students develop a group of “enduring understandings” for the study of art in the landscape and landscape as art. In the Sophomore Seminar, students review the “enduring understandings” to develop additional areas of inquiry on such topics as the politics and protocols of creating art in the landscape, public art—parks, malls, cemeteries, monuments and memorials, and gardens and landscape as art—botanical legends, environmental issues, social and political histories, and time.

Stepping Stones Options: ART 125 or ART 201 or ART 202; BUS/CES 116 or BUS 115 or EDU 201; CES 202; HIS 102; SCI 120 or SCI 130

**PTH 101G  Catharsis: A Theatrical Journey**  
3 credit hours  
Theatre is art and art reflects life. Understanding the aims of the theatre experience helps students understand life and their own experiences. Students explore theatre through historical study, reading and seeing plays, writing critical responses, and participating in acting exercises and scene work. Students are encouraged to think critically about the nature and history of theatre and think creatively by participating in acting exercises.

The First Year Seminar is organized around the belief that “if you can do theatre, you can do anything.” Students work with each other to develop scenes from plays and to communicate a unified presentation. In the Sophomore Seminar, students write a play that is an expression of their academic experience.

Stepping Stones Options: BIO/CES 107; BUS 115 or BUS/CES 116; PHI 100; PSY 101; WRT 201

**PTH 101H Environment, Culture, and Human Identity**  
3 credit hours  
This Pathway explores several different cultures chosen from the following regions: Africa, Asia, Europe, South America and North America. Students examine the extent to which natural surroundings have influenced the formation of different cultures from the Stone Age to the present day. They will also examine cultures in relation to the development of religion, language, government structure, art, music, mathematics, science and technology.

Students in the First Year Seminar study a range of cultures with special consideration for how natural environments have influenced development of these cultures from the Stone Age to 1700. In the Sophomore Seminar, students continue
their explorations from 1700 to the present. In both seminars, students also examine their own cultural backgrounds and explore the role of culture in shaping individual identity.

Stepping Stones Options: ART 100 or MUS 103; BUS/CES 116 or BUS 115 or SOC 101; ENG 248 or PSY 221; ENG 263 or REL 100; HIS 217 or HIS 218

**PTH 101I  The Meaning of Rivers**  
**3 credit hours**

This Pathway is an interdisciplinary exploration of the waterways that knit together the regions, the nations, the continents, and in many ways, the people of this planet. Since the beginning of recorded time, rivers have run through the physical and the imagined landscapes of civilizations. On either a literal or a metaphorical level, rivers flow through the histories of religion and science, commerce and art. It is a plausible assumption (and students test this assumption during the course) that rivers have played a significant role in the development of the majority of the world’s nearly six billion people. This Pathway will focus on the intersection of rivers and the fields of literature, environmental studies, film, philosophy, music, visual art, cultural and natural history and, of course, on the intersection of rivers, and the students and instructor who embark on this journey.

In the First Year Seminar, students consider both metaphorical rivers and actual rivers (primarily in the United States) and how each has influenced, and continues to influence, their physical, psychological and spiritual lives. In the Sophomore Seminar, students widen their perspective to include legendary rivers worldwide, as well as focusing on rivers of personal experience. Each seminar involves research, reflection, and a canoe/kayak trip on a regional river.

Stepping Stones Options: ART 100 or ART 125; CES 201 or CES 202; CES/ENG 215 or CES/ENG 229; AME 201 or HIS 101; SCI 120 or SCI 130

**PTH 101J  Rituals, Excellence and Challenges:  
The Ancient and Modern Games**  
**3 credit hours**

In this Pathway, students examine the Ancient and Modern Olympic Games from interdisciplinary perspectives. Students explore the rich history of the ancient games and other athletic contests of the time through the mythology, literature, and art of the period as well as the artifacts and ruins found at Olympia and throughout Greece. Students highlight the intersection of elite sport with international politics, national identity, organizational structures, corporate opportunities, ethical behavior, and cultural symbols and rituals in the analysis of the modern games.

In the First Year Seminar, students focus on a historical analysis of the games. The origin and evolution of the Ancient and Modern Olympics will be studied, as will the cultural influences in both eras. In the Sophomore Seminar, students focus on the games from organizational, political, commercial and ethical perspectives as well as the reform movements throughout history. Students review awareness and struggles for inclusion of traditionally excluded populations through a study of the Paralympics, Special Olympics, and Gay Games.

Stepping Stones Options: BUS 115 or BUS/CES 116; COM 203; ESS 100 or SCI 201; GOV100; PHI/WST 111 or PHI 213
PTH 101K  Awakening the Best: Invoking the Citizen Leader  3 credit hours
This Pathway explores the life stories and histories of United States and world leaders as students attempt 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 antileader leaders, Adolf Hitler, for example? Students read about and discuss the concepts of leading from the middle, servant leadership, and citizen leaders.

In the First Year Seminar students explore concepts and biographies. Students leave this course with their own ideas of what makes a leader. In the Sophomore Seminar, students put theory to action through individual and group leadership projects.

Stepping Stones Options: BUS 115 or BUS/CES 116; GOV 100 or PSY 221; HIS 101 or HIS 102; PHI 213; PSY 101 or SOC 101

PTH 101L  The Global Platter: Cultural, Ecological and Ethical Perspectives on Food  3 credit hours
Families and communities worldwide are affected by issues surrounding the cultivation, production, distribution and celebration of food. This Pathway explores the complex interrelationships among people, cultures, societies, and their food. Students examine the history, economics, and politics of food across cultures. The social and symbolic roles of food will be addressed through class discussion, readings, films, presentations, and attendance at relevant cultural events. Students consider how decisions concerning food affect the planet and its inhabitants.

The First Year Seminar explores what meals reveal about people’s personality, ethnicity, gender roles, and political commitments. The Sophomore Seminar investigates contemporary topics related to food and the environment including genetic engineering, food irradiation, organic farming and world hunger.

Stepping Stones Options: CES 202 or SCI 120; ENG/CES 215 or ENG 248; ESS 100; PHI 100 or PHI 213; SOC 101

PTH 101M  Introduction to College Honors: The Quest: Personal Adventures of Self-Discovery  3 credit hours
This Pathway explores the power of the individual quest. Quests are all-encompassing searches that take on a problem or challenge, involve a struggle, lead to realization, and culminate in achieving peace or truth (Cohen, 1985). The key is that the process of reaching the goal of the quest is far more enlightening than the end of the quest. This Pathway explores individual quests for meaning in life, focusing on the process of self-reflection that leads to transformation of self. In this Pathway, students have the opportunity to explore the meanings and values that surround the individual quests of biographical and fictional figures.

In the First Year Seminar students explore the challenges of people from a variety of cultural and ethnic backgrounds. Each student clarifies and creates his or her own individual quest. In the Sophomore Seminar, students analyze their own experiences in American culture and compare them with issues of philosophic discussion from a myriad of cultures throughout the world. Following the completion of the Sophomore Seminar, each student should be able to critically examine and articulate his or her understanding of personal growth and individual life quest.

Stepping Stones Options: ENG/CES 215 or ENG/CES 229; ENG 263; ESS 100; PSY 101; WRT 201
**PTH 101N Checkmate!**  
**3 credit hours**
This Pathway employs the game of chess as the framework to explore contemporary and historical issues.

In the First Year Seminar students study several topics by examining the lives of two chess grandmasters, Bobby Fischer and Boris Spassky. Students look at chess as a metaphor for intellectual supremacy and consider the impact Fischer and Spassky’s matches had on society. Students view this time frame through biographical and autobiographical accounts, as well as popular fiction and film. Primarily, students focus on the Cold War period (1945-1992) to explore the relationship among political and social cultures, nationalistic pride and the way nations are perceived worldwide. Students are encouraged to draw analogies between other international events and the present-day perceptions of the United States and other nations.

The Sophomore Seminar uses the game of chess as a vehicle to see how ideas evolve over time and are influenced by culture. Students look at the early versions of the game and compare the competing “out of India” and “out of China” theories of its origin. Finally, students explore the current state of computerized chess programs and consider whether machines can learn to think like humans.

Stepping Stones Options: COM 203; GOV 100; HIS 102 or HIS 218; PSY 101; SOC 101

**PTH 101O Inequality**  
**3 credit hours**
This Pathway examines inequality in its many forms with the understanding that inequality provides the basis for discrimination. This Pathway has the aim of helping students become more knowledgeable, understanding and tolerant in an increasingly global society.

In the First Year Seminar, students discover the various types of inequality and their causes as well as the resultant effects. Basing the course on the premise that inequality is not a new phenomenon, students consider the subject from both a historical and a contemporary view.

The Sophomore Seminar continues the study of inequality with the same consideration of historical and contemporary views. Through research and writing, students develop an appreciation for the programs and policies of governments and national laws as they have affected inequality in the past and in the present. Both discovering the causes of inequality and gaining knowledge of government policy and national law equip students to develop and present possible solutions to this age-old problem.

Stepping Stones Options: ECO 101; HIS 101 or HIS 102; HIS 217 or HIS 218; GOV 100 or PSY 221; PHI/WST 111

**PTH 101P Migration**  
**3 credit hours**
Birds do it, butterflies do it, trees do it and humans do it. Species migrate from one geographical location to another over time. Sometimes these migrations happen on a seasonal basis, like that of the wildebeest in Africa, and other times the migrations happen over thousands of years, like the migration of trees moving into the New England region after the last ice age. What are the factors that give rise to migration and what are the consequences of migration? This course explores some examples of migration (birds, butterflies, invasive species) and the ecological principles associated with migration patterns. This course gives students a better understanding of the
relationship between humans and their natural environment and also provides an understanding of contemporary social and political issues (e.g. imperialism, slavery, global economy).

In the First Year Seminar, students develop a broad understanding of the natural forces that contribute to migration and the factors that assist species in successful migration. Students use this understanding to learn about human migration.

In the Sophomore Seminar, students conclude their own “migration” through the concepts and explanations and end up with a focus on their individual ecological identity. Students develop an understanding of how and why humans relate to their natural physical environment.

Stepping Stones Options: BIO/CES 107; CES 101 or CES 202; ENG 224 or GOV 100 or PSY 221; HIS 217 or HIS 218; SOC 101

Philosophy

C. Greenman, B. Harrison, A. Knisley, A.P. Stecker, P. Steese, M. Wiley

Philosophy Minor

The minor in philosophy provides in-depth learning about the aims, methods and texts of philosophy. Philosophical study fosters openness of mind, development of considered opinions, critical and creative thinking and writing skills, understanding of intellectual history, and engagement with questions about the meaning and value of human life. The minor balances concentration in PHI courses with limited room for interdisciplinary study, in recognition of the breadth of philosophical topics and thinking. Please refer to the Minor Programs section of this catalog for further information.

Requirements

The minor in philosophy consists of 18 credit hours of study, including PHI 100, PHI 110, and at least six 300- or 400-level philosophy credit hours. Up to six credit hours in non-PHI courses containing significant philosophical content may be counted towards the minor. Such courses are approved on a case-by-case basis by the Humanities Department (students should see the chair of the Humanities Department for more information).

Course Offerings

PHI 100 Introduction to Philosophy 3 credit hours

This is an introduction to the aims and methods of philosophy, approached from the standpoint of Socrates’ dictum, “The unexamined life is not worth living.” Students study central topics in the history of philosophy, such as the nature of truth, of the self, and of good and evil, through a variety of texts. The course emphasizes how this study can contribute to an expansion of personal horizons and a greater depth of self-knowledge. Offered fall and spring.

Exploration Area: Humanities
PHI 110  Creative and Critical Thinking  3 credit hours
This course aims to help students master the art of thinking effectively through a study of the techniques involved in assessing issues and problems, producing ideas in response to those issues and problems, and assessing the merits of the ideas. The course also addresses the nature of argumentation, identifies common flaws in argumentation, and requires that students engage in effective argumentation in both written and spoken form. To enforce the application of these skills to everyday life, current issues are a regular topic of discussion. Offered spring.

Exploration Area: Humanities

PHI/WST 111  Women and Men in Transition  3 credit hours
This course examines the position of women and men in contemporary society. Following an overview of certain key myths and traditions that inform Western thinking about gender, the course asks questions particularly about the 19th- and 20th-century American experience. Using an interdisciplinary approach, the course asks about the significance of the myths, symbols, rituals and social structures that construct gender-roles. Students are encouraged to use the fundamental insights of the philosophical tradition in examining their own lives. Offered fall.

Exploration Area: Humanities

PHI/REL 205  Philosophy of Religion and Spirituality  3 credit hours
Rather than surveying major world religions, this course explores basic philosophical questions raised by religion and spirituality: What is spiritual experience? Why are humans religious? What is the nature of divinity? What is faith, as distinct from reason, and what are their roles in a meaningful human life? Can a “scientific” outlook and a “spiritual” outlook cohabit peacefully in the same person? These questions are explored through contemporary and current philosophical, religious and literary texts. Offered spring.

Exploration Area: Humanities

PHI 213  Foundations of Ethics  3 credit hours
This course presumes that decisions of moral significance should be made in a reasoned manner, rather than on emotion or gut feeling alone. The work of the course is divided among the study of major philosophical theories of morality, consideration of how these moral theories can be applied to moral questions, and more general consideration of how principled, theoretical thinking can assist us in our own day-to-day ethical choices. Offered fall and spring.

Exploration Area: Humanities

PHI 214  Philosophers on Sex, Love and Friendship  3 credit hours
This course takes up philosophical investigations into the nature and value of sex, love, and friendship. Through study of a range of classical and contemporary philosophical, spiritual and literary texts, students consider whether there is one kind of love or many, whether sex is a moral matter, and what the nature of “true” friendship is. Please note: This is a philosophy class, not an informal discussion of personal experience. Class discussion always moves beyond our experiences of sex, love and friendship to the fundamental nature and value of these experiences, often in relatively abstract terms. Offered fall odd-numbered years.

Exploration Area: Humanities
**PHI 250, 350  Topics in Philosophy**  
1–3 credit hours  
Theses 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 295, 395, 495  Independent Study**  
1–3 credit hours  
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 of the Humanities Department. May be repeated for credit. Offered fall and spring.  
*Prerequisite:* Permission of the instructor and the department chair

**PHI 305  Biomedical Ethics**  
3 credit hours  
This course examines fundamental moral concepts and applies them to issues in the biomedical professions. The course presumes that decisions of moral significance should be made in a reasoned manner rather than on emotion or gut feeling alone. Additionally, mastery of a basic set of moral principles promotes consistent decision making, which is especially important for healthcare professionals. Case studies, both classic precedent-setting cases and contemporary cases, are used to broaden student understanding of the moral challenges they will face as healthcare professionals and to model the kind of reasoning required to meet those challenges in an ethically defensible fashion. Offered fall.  
*Prerequisite:* Sophomore standing or above  
Exploration Area: Humanities

**PHI 308  Social and Political Philosophy**  
3 credit hours  
This course examines the philosophical underpinnings of major social-political systems, such as democracy, autocracy, capitalism and socialism. Through close study of challenging primary texts in the development of these traditions, by authors Niccolo Machiavelli, John Locke, and Karl Marx, students develop an understanding of basic social and political principles as they have developed in their historical contexts. Offered fall of odd-numbered years.  
*Prerequisite:* Any 100- or 200-level Philosophy course

**PHI/CES 312  Environmental Philosophy**  
3 credit hours  
How do we define and determine the value of nature? How do we define and understand the impact of environmental problems such as global climate change and extinction of species? This course addresses philosophical, especially ethical, environmental issues raised by the study of challenging philosophical texts and other materials. A presumption of the course is that “philosophy matters”: In other words, identification and resolution of environmental issues should be based not only on science, economics and politics but also on philosophical analysis of knowledge and values. Students read and discuss ancient and modern philosophical materials from various traditions; films, literature and poetry also may be used. Understanding theory, applying theory to current issues, and deepening students’
own environmental awareness all are goals of the course. Offered spring of even-numbered years.

*Prerequisite:* Sophomore standing or above

Exploration Area: Environmental Literacy

**Physics**

*M. Bellino*

**PHY 101  Introduction to Physics I** 4 credit hours
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. A working knowledge of algebra is expected. Offered fall of even-numbered years.

Exploration Area: Science

**PHY 102  Introduction to Physics II** 4 credit hours
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 of odd-numbered years.

**Psychology**


**Bachelor of Arts: Psychology**
The Social Sciences and Education Department offer 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. In addition, psychology majors complete a required internship in a mental health or human-services setting.

**Requirements**

- Liberal Education Program requirements
- MAT 220
- PSY 101, 202, 204, 208, 210, 308, 460, 485

*Requirements, continued next page*
One developmental psychology course chosen from PSY 203, 206, or 240
Five focus courses chosen from 200-, 300-, and 400-level psychology and sociology courses; at least three of these courses must be 300- or 400-level psychology courses
SOC 101

Major Acceptance Requirements
- A minimum cumulative GPA of C (2.0)
- A minimum C (2.0) average in PSY 101 and a 200-level psychology course
- A Major Acceptance essay (see the Social Sciences and Education department chair for details)

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Total credit hours: 120 minimum

Psychology Minor

Requirements
The minor in Psychology consists of 18 credit hours of psychology courses. PSY 101 is required and at least six of the remaining 15 credit hours must be at the 300 or 400 level. Please refer to the Minor Programs section of the catalog for further information.
Course Offerings

**PSY 101 Introduction to Psychology**  
3 credit hours  
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 credit hours  
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, Maslow, Miller, Rogers, and Skinner, among 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 credit hours  
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 204 Social Psychology**  
3 credit hours  
This course has as its focus the influence of others on the experience and behavior of the individual. Topics examined through reading, study and discussion of behavior attitudes include the attraction process, aggression and altruism, and the impression-formation process. Offered fall and spring.

Prerequisite: PSY 101 or SOC 101

**PSY 206 Adolescence**  
3 credit hours  
This course examines the processes of adolescent development. It examines physical, cognitive and socioemotional 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 208 Human Interaction in the Helping Relationship**  
3 credit hours  
Effective interpersonal interaction is central to the effectiveness of the helping relationship. In this course, students explore the art and science of relating to others with sensitivity, objectivity, empathy and genuineness. The class addresses the nature of “helping,” attributes of skillful “helpers,” and the special dimensions and dynamics of the therapeutic relationship. Students develop skills in listening, responding and problem solving. Students also gain a basic understanding of ethical issues in the helping professions. This course is intended for students preparing for careers in the human services, particularly counseling, as well as nursing and teaching. Offered spring.

Prerequisite: PSY 101; PSY 202 or 240
PSY 210  Learning and Cognition  3 credit hours
This course introduces students to learning theory and examines how organisms make associations between various environmental events. The cognitive underpinnings of learning theory are emphasized. The maturing field of the science of cognition is studied through the central question of cognitive psychology: How is our world of experience produced by those experiencing it? Offered spring.

Prerequisite: PSY 101

PSY 214  Human Sexuality  3 credit hours
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 221  Cross-cultural Psychology  3 credit hours
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.

Exploration Area: Global Perspectives

PSY 240  Life Span Development  3 credit hours
This course explores the fascinating journey of the individual from birth to death. Students chronologically trace individual physical, cognitive and socioemotional development, exploring the issues pertaining to each stage. This course helps all students better understand others and gain insight into their own histories. It is particularly designed to help future nurses, teachers and mental health professionals, who, in some way, are responsible for the care of others. Offered fall and spring.

Prerequisite: PSY 101

PSY 250, 350, 450  Topics in Psychology  1–3 credit hours
These courses offer students in-depth study of topics in psychology that are not part of the regularly scheduled course offerings. The topics 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 credit hours
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. Graded Pass/Fail.

Prerequisites: Pre-internship seminar, permission of the faculty sponsor and department chair
**PSY 295, 395, 495  Independent Study** 1–3 credit hours
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 in the Social Sciences and Education Department. May not be used to meet a major requirement. May be repeated for credit. Offered fall and spring.

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

**PSY 303  Psychological Aspects of Sport** 3 credit hours
This course is designed to examine and apply the psychological effects of sports on human behavior. Students investigate various concepts and theories that 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 306  Abnormal Psychology** 3 credit hours
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 cognitive, neuropsychological, interpersonal and existential perspectives. Students apply classroom learning in case studies and grapple with some of the current and perennial issues pertaining to abnormal psychology. Offered fall.

*Prerequisite:* One 200-level PSY course

**PSY 308  Research Methods in Psychology** 3 credit hours
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 fall.

*Prerequisite:* One 200-level PSY course; and MAT 220 (or as corequisite)

**PSY 310  Counseling Psychology** 3 credit hours
This course focuses on the major theories of counseling and the methods used to put those theories to work in the helping relationship. Students develop their understanding of how counseling practice must be grounded in theory; improve their helping skills; and identify, clarify and articulate their particular approach to counseling. Offered spring.

*Prerequisite:* PSY 208

**PSY/SOC 313  Domestic Violence** 3 credit hours
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. Offered fall of odd-numbered years.

*Prerequisites:* PSY 101 or SOC 101
PSY 316  Health Psychology  3 credit hours
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, modification of health habits, the use of 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, one 200-level PSY course

PSY/CHI 320  Children at Risk  3 credit hours
This course examines children in risk situations: abuse and neglect, hospitalization, and child fatalities. Each area is researched with a view toward defining the problem for the child and exploring ways to help minimize or reduce the risk. Offered spring.

Prerequisites: One 200-level CHI or PSY course

PSY 401  Cognitive and Language Development in Young Children  3 credit hours
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 or 206 or 240

PSY 404  Social and Personality Development of the Young Child  3 credit hours
This course explores social and personality development from birth to adolescence. Topics include temperament; attachment; self-esteem; emotions; early interaction; and family, sibling, friend and peer relationships. Moral development, prosocial behavior, and gender role development are viewed through multiple perspectives. Theories applied to the social and personality development of the young child include ethological attachment theory, psychoanalytic theory, social-learning theory, cognitive developmental theory, and ecological systems theory. Offered fall.

Prerequisites: PSY 203, junior standing or above

PSY 415  Behavior Modification  3 credit hours
This course is designed to help the student understand every aspect of behavior therapy. Students gain factual knowledge about the processes and principles of behavior modification and learn how to apply them in a therapeutic setting. Offered fall of even-numbered years.

Prerequisite: Any 200-level PSY course

PSY 460  Advanced Research Seminar (Capstone)  3 credit hours
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 the choice of methodologies, simple and complex designs, multivariate analysis, interpretation of results, and ethical considerations in psychological research. Offered spring.

Prerequisites: PSY 308, MAT 220
**PSY 470  Research Assistantship**  
1–3 credit hours  
Qualified junior and senior students may apply to work with faculty members as research assistants for faculty research projects. The assistant has responsibilities to assist in the design, implementation and analysis of the research project. The assistant participates in regular discussion with the faculty member regarding the particular research project and the methodological and ethical issues involved in psychological research. Offered fall and spring.  
*Prerequisite:* PSY 308 or permission of the department chair and the instructor

**PSY 480  Teaching Assistantship**  
1–3 credit hours  
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

**PSY 485  Psychology Internship and Professional Development Seminar**  
6–12 credit hours  
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; 2.5 site-directed hours per week equals one credit hour. Graded Pass/Fail. Offered fall.  
*Prerequisites:* Psychology Major Acceptance, preinternship seminar, permission of the faculty sponsor and department chair

**Religious Studies**

E. Gradone, C. Greenman, A. Knisley

**REL 100  The Meaning of Life:**  
*Introduction to Religious Studies I*  
3 credit hours  
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 will investigate some of the most deeply held human values and their expression in religions. Emphasis will be placed on making the values meaningful in a contemporary context, regardless of the student’s religious commitments. Offered fall.  
Exploration Area: Humanities

**REL 101  The Meaning of Death:**  
*Introduction to Religious Studies II*  
3 credit hours  
In this course, students will be introduced to some of the key problems involved with death and how various religious traditions have responded to them. For example, is life worth living if death is its inevitable outcome? If God exists and is good and pow-
erful, why do death, evil and suffering exist? Is there an afterlife? Does the theory of reincarnation make sense? Throughout the course, emphasis will be placed on the close reading of texts and their application to contemporary life, including to the lives of the students. Offered spring.

   Exploration Area: Humanities

**REL/PHI 205 Philosophy of Religion and Spirituality**  
3 credit hours  
Rather than surveying major world religions, this course explores basic philosophical questions raised by religion and spirituality: What is spiritual experience? Why are humans religious? What is the nature of divinity? What is faith, as distinct from reason, and what are their roles in a meaningful human life? Can a “scientific” outlook and a “spiritual” outlook cohabit peacefully in the same person? These questions are explored through contemporary and current philosophical, religious and literary texts. Offered spring.

   Exploration Area: Humanities

**REL 250, 350 Topics in Religion**  
1–3 credit hours  
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**  
3 credit hours  
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 in the Humanities Department. May be repeated for credit. Offered fall and spring.

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

**Science**


**SCI 120 Environmental Issues**  
4 credit hours  
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, and an integrated approach to the study of individual topics is stressed. Laboratory exercises are included. Topics include current issues, including population control, ozone layer depletion, loss of species diversity, rain forest depletion, global warming, recycling, toxic wastes, and air and water pollution. *This course will not fulfill a requirement for the community and environmental studies major and should not be taken by students intending to major in CES*. Offered fall and spring.

   Exploration Area: Science
SCI 130 Earth Science
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
Students in this course will ponder the questions that humans have asked about the world since the dawn of civilization. They will focus on how the questions were asked, how they were answered, and how those answers actually changed throughout history. Labs will explore the approaches and methods scientists have used to obtain answers. The course will examine how the process of science paralleled other developments in society, considering how changes in society and culture influenced scientific discovery and how scientific achievements influenced cultural and political history. Students will examine the parallel development of the language of science—math. Students will consider prehistory, the Greek civilization, the Roman Empire, the Middle Ages, the Renaissance, the scientific revolution, and the exponential growth of scientific knowledge since the 18th century. During labs, students will replicate some simple observations that led to major discoveries.

Exploration Area: Science

SCI 201 Nutrition
The course provides a general background suitable for all students on the functions of food and its relation to mental and physical well being. Concentration is focused on topics of current interest to students and is based on the most recent information. The following topics are included: world food supply, health foods, organic foods, vitamins, food additives, essential amino acids, and other requirements for adequate diets. Offered fall and spring.

Exploration Area: Wellness

Sociology

J. Callewaert, J. Carroll, R. Constantine, P. Eller, S. Magrath, A. Rachlin, M. Rulikova

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 catalog for further information.

Requirements
The minor in sociology consists of 18 credit hours that include SOC 101 and five other courses chosen from SOC 203, 250, 302, 303, 313, 304, 350, 402, 450; PSY 204, 308, or 313; PHI 111/WST 111. Of the six courses, two must be at the 300 or 400 levels and at least four must be in sociology.
Course Offerings

**SOC 101  Individual and Community** 3 credit hours
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 credit hours
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 250, 350  Topics in Sociology** 1–3 credit hours
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

**SOC 295, 395, 495  Independent Study** 1–3 credit hours
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 in the Social Sciences and Education Department. May be repeated for credit.

   Prerequisite: Permission of the instructor and the department chair

**SOC 302  Genocide: A Comparative Study** 3 credit hours
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 spring of odd-numbered years.

   Prerequisite: SOC 101 or PSY 101 or one HIS course

**SOC 303  Sociological Aspects of Sport** 3 credit hours
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 credit hours
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 dis-
cussed. Offered fall.

Prerequisite: SOC 101

SOC/CES 305 Environmental Sociology 3 credit hours
This course addresses how sociology can contribute to the understanding of envi-
ronmental issues and how the environment and environmental issues provide an
understanding of sociological phenomenon. More specifically, students examine
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 “envi-
ronment.” Students also seek to understand how environmental problems have roots
in social processes such as culture, community and social inequality, and the bearing
these social forces have on ways individuals and groups understand and seek to solve
environmental problems. Offered fall of even-numbered years.

Prerequisite: SOC 101

SOC/PSY 313 Domestic Violence 3 credit hours
This course uses an interdisciplinary approach to study the incidence, causes, socie-
tal 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. Offered fall of odd-numbered years.

Prerequisites: SOC 101 or PSY 101

SOC 402 Criminology 3 credit hours
Criminology is a discipline that studies various forms of crime and criminal behav-
ior. This course concentrates on forms of criminal behavior, the causes of crime, and
the effects of crime on victims and society as a whole. Students analyze crime and
criminality and develop theoretical explanations for criminal behavior. Criminolog-
ical theory overlaps with criminal justice. Therefore, students become familiar with
both theory and practice, with an eye toward future trends in our criminal legal sys-

tem. Offered spring of even-numbered years.

Prerequisites: SOC 101, one 200-level SOC course

SOC 480 Teaching Assistantship 1–3 credit hours
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 dis-
cussions concerning the course and teaching methodology. Offered fall and spring.

Prerequisite: Permission of the instructor and the department chair
Theatre

G. Bliss, M. Lovell

Theatre Minor

The Fine and Performing Arts Department offers a minor in theatre that provides students an opportunity to pursue a concentrated program focusing on acting, performing, writing, and technical operation. A wide range of theatrical productions provide students with choices centered on their interests. The minor in theatre consists of 21 credit hours.

Requirements

Due to the course sequencing, students intending to minor in Theatre should be aware of the importance of careful planning in order to complete the requirements of the minor. The following courses are required:

THE 140, 230
Choose one course from the following: THE 201 or 202
Choose 6 credits from the following: THE 240, 260; COM 203, 209; ENG 231, 251; or a maximum of 3 credits from THE 150, 250, or 251
Choose two 300- or 400-level courses from the following: THE 330, 340, 360, 440; COM 311, 312; WRT 311, 312

Course Offerings

THE 140 Acting I 3 credit hours
Dealing with the fundamentals of acting, this course is designed to acquaint the novice with the basic terminology and techniques of the stage. Emphasis is on movement for the stage, the expression of emotion, and acting problems in modern, realistic plays. This is a practical course concentrating on performance and criticism of individual students. Offered fall.

Exploration Area: Fine and Performing Arts

THE 150 Rehearsal and Performance 1 credit hour
Credit for this course is based on the study and practice of acting through participation in a department directed production. May be repeated for credit. Graded Pass/Fail. Offered fall and spring.

Prerequisite: Permission of the instructor

THE 201 20th-century Performing Arts History 3 credit hours
This course is a survey of the beginnings of 20th-century theatre and the many performing arts which contribute to it. The practical as well as the aesthetic factors necessary to the creation of significant theatre performance are studied. Forms examined include commercial theatre, regional theatre, educational and children’s theatre, dance, opera, and mime. Offered spring of odd-numbered years.

Exploration Area: Fine and Performing Arts
THE 202  Theatre History  3 credit hours
Major periods of theatre from ancient Greece to the 20th century are studied. Students consider great plays and playwrights, physical theatres and production techniques, and the place of theatre performance in the culture of the day. Through dramatic analysis and criticism, the student gains a wide perspective and appreciation of theatre as art, literature, and entertainment. Offered spring of even-numbered years.

THE 230  Stagecraft I  3 credit hours
Designed to provide a working knowledge of the arts and technical skills essential to theatre production, the course introduces the student to skills, tools, and hardware necessary for the execution of scenery, properties, sound effects and lighting. The course is a combination of lecture and laboratory work and requires backstage participation in college productions. Offered fall and spring.

Exploration Area: Fine and Performing Arts

THE 240  Acting II  3 credit hours
A continuation of THE 140, the course emphasizes interpreting roles from plays: training in character definition and analysis. Various acting styles are discussed. Offered fall.

Prerequisite: THE 140

THE 250  Production and Performance  1 credit hour
Students participate in a college production as a stagehand, carpenter, painter, light board operator or costume assistant. Experience is not necessary. The course is designed to provide the student with hands-on experience and training with various technical aspects of production work. May be repeated for credit. Graded Pass/Fail. Offered fall and spring.

Prerequisite: Permission of the instructor

THE 251  Rehearsal and Performance  1 credit hour
Students participate in a college production as an actor, stage manager, assistant stage manager, or production crew head. Experience is not necessary. Course may be repeated for credit. Course requires a minimum of six hours per week for approximately six weeks. Graded Pass/Fail. Offered fall and spring.

Prerequisite: Permission of the instructor

THE 260  Directing I  3 credit hours
Students learn the fundamentals of play directing. Students study and practice the basic techniques of staging a play, from the interpretation of the script to casting the actors, rehearsing the cast, and overseeing the entire production and performance. Offered spring, depending on student interest and faculty availability.

THE 281, 381, 481  Tutorials in Theatre  1–3 credit hours
Tutorial courses offer students the opportunity to work closely with faculty in areas of particular interest not usually offered at the college. Topics might include directing, stage management, house management, box office, choreography, and historical research projects. May be repeated for credit. Offered fall and spring, depending on student interest and availability of faculty.

Prerequisite: Permission of the instructor
**THE 295, 395, 495  Independent Study**  1–3 credit hours
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 in the Performing Arts Department. May be repeated for credit. Offered fall and spring.

*Prerequisite:* Permission of the department

**THE 330  Stagecraft II**  3 credit hours
This course introduces students to the basic fundamentals of theatrical scenery and lighting design. Color theory, design for varied types of productions (musical recital, standard theatre, dance and others), and the director-designer (or choreographer-designer) relationship are explored. Offered fall and spring.

*Prerequisite:* THE 230

**THE 340  Acting III**  3 credit hours
A continuation of THE 240, the course concentrates on the rehearsal of scenes from period plays and one-act plays written by the acting and directing students. The goal of the course is a production for the public at the conclusion of the term. Offered fall.

*Prerequisite:* THE 240

**THE 360  Directing II**  3 credit hours
A continuation of THE 260, this course examines more difficult and complex problems, both technical and artistic, that a theatre director must face. Students in this course direct a one-act play as their final project. Offered fall and spring, depending on student interest and faculty availability.

*Prerequisite:* THE 260

**THE 440  Acting IV**  3 credit hours
Individual projects and audition styles are emphasized. Students perform monologues in preparation for professional auditions. Offered fall.

*Prerequisite:* THE 340

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**Women’s Studies**

P. Anderson, D. Berghorn, B. Harrison, M. Meade, A. P. Stecker, M. Wiley

**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 credit hours in women’s studies including PHI 111/WST 111, and at least six credit hours of 300- or 400-level women’s studies courses. The course ESS 309: Gender and Sport may be taken to satisfy a minor requirement. Please refer to the Minor Programs section of the catalog for further information.
Course Offerings

**WST/PHI 111  Women and Men in Transition  3 credit hours**
The course examines the position of women and men in contemporary society. Following an overview of certain key myths and traditions which inform Western thinking about gender, the course asks questions particularly about the 19th- and 20th-century American experience. Using an interdisciplinary approach, the course asks about the significance of the myths, symbols, rituals and social structures that construct gender roles. Students are encouraged to use the fundamental insights of the philosophic tradition in examining their own lives. Offered fall.

   Exploration Area: Humanities

**WST/COM 243  Women in Film  3 credit hours**
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 credit hours**
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 credit hours**
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 in the Humanities Department. May be repeated for credit. Offered fall and spring.

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

**WST/ENG 331  Images of Women in Literature  3 credit hours**
This course examines the various ways in which women have written the text of their lives within the genres available to them and within the context of the cultures they have inhabited. Readings include images of women as wives, mothers, sisters and friends; women on pedestals; women as sex objects; and women in new roles as depicted in autobiographical accounts. Writers studied may include Emily Dickinson, Zora Neale Hurston, Toni Morrison, Tillie Olsen, Adrienne Rich, Virginia Woolf and Arandhati Roy, and literary critics such as Gilbert, Gubar, Heilbrun and Showalter. Offered fall of odd-numbered years.

   *Prerequisite:* One 200-level literature course

**WST/COM 360  Gender and Communication  3 credit hours**
This course analyzes the role of gender in the communication process. Using experimentation, case study and observation, students investigate the different communi-
cation strategies men and women use to interact with each other. Theories of gender and language are discussed. Offered spring of even-numbered years.

Prerequisite: COM 203 or PHI/WST 111

Writing


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 catalog for further information.

Requirements

Each student must complete at least 19 credit hours of study from the courses listed below. At least nine credit hours must be at the 300 level or above. All students in the minor must complete WRT 420.

Introductory courses

COM/WRT 205, 207, 216
WRT 201, 208, 214, 250

Intermediate and Advanced courses

COM/WRT 303, 305, 311, 312
WRT 301, 302, 314, 350, 414, 420

Course Offerings

WRT 105 Writing I 3 credit hours

This course helps students learn to use writing as a tool for learning and as a means of communication. Through daily writing assignments students have the opportunity to develop personal writing processes and personal voices that will allow them to be effective learners, writers and readers for the rest of their lives. Through assignments involving research, argumentation, critical analysis and a writing portfolio, students have the opportunity to develop academic or professional writing styles. Offered fall and spring.

WRT 105 is required of all students, unless exempted. To successfully complete this course, students must earn a minimum grade of C (2.0). 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 (2.0) has been achieved.
WRT 201 Creative Writing  
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  
In this course, students learn the basic elements of journalism and study the basic forms of journalistic writing: editorials, news articles and feature stories. Offered fall and spring.

WRT/COM 207 Newspaper Practicum  
Credit for this course is based on the student’s participation as an editor for The Colby-Sawyer Courier, the student newspaper. Editors are required to assign and edit stories, attend editorial board meetings, and design and compose their sections of the newspaper. Editors are also required to attend weekly conferences and/or critiques with the advisor of the paper. This course may be repeated for up to six credits. Offered fall and spring.

Prerequisites: WRT 105; and COM 205 or ART 260

WRT 208 Creative Writing II  
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 spring.

Prerequisites: WRT 201, junior standing or above

WRT 214, 314, 414 The Literary Magazine  
This course involves students with the production of the campus literary magazine during the spring term. Students participate in the creation and editorial processes necessary to produce a literary periodical. This course may be repeated for credit. Offered spring.

WRT/COM 216 Writing for Public Communication  
In this course 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 spring.

Prerequisite: WRT 105

WRT 250, 350 Topics in Writing  
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 295, 395, 495 Independent Study  
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 in the Humanities Department. May be repeated for credit. Offered fall and spring.

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

**WRT 301 Intermediate Creative Writing: Poetry**
3 credit hours
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 credit hours
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 credit hours
In this course, students pursue advanced study of sports journalism, focusing on sports writing. Students write game-analysis stories and study the role of commentary in sports. Students study the field of sports public relations and write news releases and feature stories. Students also analyze and practice writing for audio, video and multimedia. 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/COM 305 Topics in Advanced Journalism**
3 credit hours
In this course, students pursue advanced study in a particular form of journalism: investigative news reporting, feature writing, editorial writing or sports journalism. Using database research techniques, students produce magazine-length articles. Offered spring.

*Prerequisite:* WRT/COM 205

**WRT/COM 311 Scriptwriting**
3 credit hours
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.

*Prerequisite:* COM 203

**WRT/COM 312 Writing About the Arts**
3 credit hours
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 credit hours
Students in this course will learn to use databases, government reports, police logs, public meeting minutes, other public documents, and other information sources to report on town and state governments. Students will learn to analyze statistics, interpret rulings, verify information, apply laws and regulations, develop follow-up research strategies and synthesize findings. Students also will learn to provide clear, concise overviews of social issues that affect local citizens. Offered spring.

Prerequisite: COM 205

WRT 420 Writing for Publication Seminar 1 credit hour
Students develop portfolios of their best writing and prepare to perform their works for the campus community. This course is required for the Writing for Publication minor. Offered spring.

Prerequisites: WRT 301 or 302; or one 300-level COM writing course
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, earn a minimum cumulative grade point average (GPA) of 2.0, and have completed a minimum of 120 credit hours for the baccalaureate degree or 60 credit hours for the associate degree. Since some departments require a higher grade point average in the major, students should consult appropriate sections of the catalog 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 two graduation dates; one in December and one in May. The college’s commencement ceremony is held in May. Students planning to complete graduation requirements in December must have completed all course work and have official grades on file in the Registrar’s Office by December 30. Students who qualify for December graduation will not be considered to have graduated until after the vote of the faculty of the college and the board of trustees. These votes occur in late February and diplomas are available in early March.

Students who plan to complete graduation requirements in December may choose to participate in commencement in either the previous or following spring ceremony. To participate in the previous spring ceremony, baccalaureate candidate students must have earned a minimum 2.0 GPA, completed Major Acceptance, and earned at least 105 credit hours by the date of commencement. Associate degree candidates must have earned a minimum 2.0 GPA and at least 53 credit hours successfully completed by the date of commencement to participate in the previous spring 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 who have declared a major are bound by the major course requirements that were in force at the time they were accepted into the major through Major Acceptance.

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 credit hours, must be Colby-Sawyer sponsored, whether taken on or off campus. Off-campus experiences sponsored by Colby-Sawyer include internships and enrollment through Colby-Sawyer at a New Hampshire College and University Council (NHCUC) campus. (See the section of this catalog on Student Exchange.) A student who takes all courses required by the degree program, but who
is deficient in credit hours 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 credit hours and are one semester in duration. A typical full-time student enrolls for 12 to 18 credit hours. Fifteen credits is considered a normal course load. Students in residence must maintain a full course load throughout the semester. In extraordinary circumstances, students may petition the director of residential education for permission to remain in residence with a reduced load. Students enrolling for more than 18 credit hours 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 credit hours (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 (2.0) to receive transfer credit. Credit hours and grades will be recorded on the student’s transcript and calculated into the student’s GPA. Colby-Sawyer faculty must submit grades by October 1 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 catalog.

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. See the Financial Information section of this catalog for the fees 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  = 4.0
- A- = 3.7
- B+ = 3.3
- B  = 3.0
- B- = 2.7
- C+ = 2.3
- C  = 2.0
- C- = 1.7
- D+ = 1.3
- D  = 1.0
- D- = 0.7
- F  = 0.0

The grade point average is calculated by multiplying the earned quality points for each course by the number of credit hours attempted for that course, then dividing by the total number of credit hours 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 extenuating circumstances that are beyond the student’s control. Prior to the end of a semester the student and professor must agree that an incomplete is appropriate. The student will be permitted to satisfactorily complete the coursework until six weeks after the beginning of the following fall or spring semester. After that, work may no longer be submitted and the I will be changed to an F. It is the responsibility of the student to submit all relevant materials to the professor early enough so that a grade may be submitted to the Registrar’s Office by 4 p.m. on the deadline date. (See the College Calendar.)

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
Repeating Courses

Unless restricted by a specific department’s requirements, students may repeat any 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. 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 (2.0) 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 (2.0) 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, 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, these steps must be followed:

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 must have a conference with the academic dean. If after this conversation the student still wishes to pursue a grade appeal, the student must write a petition describing the facts of the case and explaining the basis of the dispute. This petition is addressed to the academic dean with copies to the professor and the department chair.

3. The academic dean asks the chair to meet with the professor and investigate the dispute. If the chair is the professor in question, the academic dean will ask another senior faculty member to carry out the investigation.

4. The chair (or senior faculty member) forwards a recommendation to the academic dean.
5. The academic dean reviews the facts of the case and the recommendation and makes a final decision.

**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 credit hours 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 credit hours 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 credit hours each semester.

**Satisfactory Academic Standing**

The standard for minimum satisfactory academic standing for all students is a 2.0 cumulative grade point average.

**Class Standing**

Class standing is determined by credit hours 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 is below the minimum satisfactory standard of 2.0 will be 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 exceptionally low may be suspended or dismissed without having been placed on probation.

Students on academic probation risk losing their financial aid or tuition-remission assistance. Students are urged to meet with their advisor and the director of academic affairs to plan a strategy to improve their academic performance. Students may reduce their course load, retake courses, and/or reduce their extracurricular commitments to improve their grades. In addition, students should take advantage of the services of the Academic Development Center.

**Academic Suspension and/or Dismissal**

Students on probation who do not achieve the minimum satisfactory grade point average (GPA) 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 exceptionally low may be suspended or dismissed without having been placed on probation.

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. If the student remains below the minimum standard the director of
academic affairs makes a recommendation to the academic dean as to whether or not suspension or dismissal is appropriate.

Students who are suspended are eligible to reapply to the college after a specific period of time, usually one semester. Students seeking readmission will be asked to furnish information in the form of transcripts and/or professional letters of reference that indicate the student's ability to do satisfactory academic work at Colby-Sawyer. Decisions to readmit students are made by the academic dean in consultation with members of the Academic Review Board. Students who do not return to the college after a one- or two-semester suspension will be 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) for reversal of their suspension or dismissal. The letter of suspension or dismissal will include the date that the student's appeal must be received by the director of academic 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 academic 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 academic affairs will set the ARB hearing date and time once the student's appeal is received.
3. 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.
4. The chair will communicate the board’s decision to the student after the hearing and in a letter to the student.

**Academic Review Board**

1. The Academic Review Board’s (ARB) responsibilities are to review student petitions concerning academic appeals of notices of suspension, dismissal, denial of a major, and academic dishonesty.
2. The members of the ARB will be the chair of the ARB, two faculty members from the ARB, assistant dean of students or designee, and director of academic affairs (ex-officio) or designee. The director of academic affairs will serve as the coordinator of the ARB.
3. Although a student's attendance is not required, it is in the student's best interest to be present for the ARB hearing. Family members and legal council are not permitted to attend the hearing.

**Athletic Eligibility**

All varsity team members must be full-time students with a minimum of 12 credit hours. A full-time student whose cumulative grade point average (GPA) reflects satisfactory academic standing (minimum 2.0 GPA) is eligible for participation in inter-
collegiate athletics. A student athlete must complete 24 credit hours 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 a satisfactory academic average.

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.

**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 academic 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. All course changes must be submitted to the registrar’s office on an Add/Drop form by the appropriate date. The student must obtain the signatures of the course’s professor and his/her 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 credit hours) 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. No examinations, however, will be given during the final week of classes of the fall and spring terms.

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 (2.0) 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 director of academic affairs 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 Office of Academic Affairs. The academic dean must approve an ELOA in advance.

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 do not register for courses by June 1 for the fall semester or by January 1 for the spring semester will be administratively withdrawn from the college, and the withdrawal will be dated from the last day of the semester for which they were enrolled.

Student-initiated Withdrawal

Students who choose to withdraw from the college should have an exit interview with the director of academic affairs 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 dean of students and/or the academic dean 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. Transcripts may be obtained from the Registrar's Office upon written request of the student. In compliance with federal laws designed to protect privacy, transcripts are not released without the student's authorizing signature. 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.

Academic Renewal
A Colby-Sawyer College student who withdraws and then re-enrolls after a period of five years or more may elect to apply for academic renewal.

If a student applies for and is granted academic renewal, coursework previously taken at Colby-Sawyer will be evaluated in a manner consistent with the college's policy for transfer students. In such cases, only courses in which a grade of “C” or higher was earned will be accepted toward graduation, and the student's transcript will reflect only the total number of credits accepted. It will not reflect course titles or grades, nor will the student's earlier work be included in the calculation of GPA. Courses with grades below “C” will not count toward the student's degree. If any of those courses are required in the student's major, the student must retake those courses to qualify for a degree.
If a student does not apply for academic renewal, all grades and credits previously earned at Colby-Sawyer College will carry forward and be applied as appropriate to a student’s intended major.

Students wishing to apply for academic renewal must do so prior to the start of their first semester of re-enrollment. Academic Renewal forms may be obtained in the Registrar’s Office and must be approved by the academic dean, department chair, and the registrar. A student may receive only one academic renewal during his/her studies at Colby-Sawyer. A minimum of 30 credits toward graduation requirements must be earned at Colby-Sawyer College after renewal is granted.

**Selection of Major and Major Acceptance**

Students must be officially accepted into a major through Major Acceptance. They should select a major based on their interests, abilities, and career goals. Students must apply for acceptance into the major of their choice by submitting the Major Acceptance form to the appropriate department chair. Acceptance requires that a student earn a minimum 2.0 cumulative grade point average and fulfill the requirements specified by the major. The application forms are available from academic advisors. The director of academic affairs 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 credit hours. A student who has earned 86 credit hours and whose candidacy has not been approved by the department may not register for courses at the college for the next semester. 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 transcript 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

Colby-Sawyer College releases educational records (grades and letters of academic status such as dean’s list, academic probation, suspension and dismissal) to students, and encourages students to share this information with their parents or guardians. Students considered to be dependent (as defined for Internal Revenue Service purposes) provide name and address information for parents and guardians to the academic dean’s office. Students who attain dean’s list status or are in academic jeopardy will have copies of grades and letters concerning academic status sent to their designated parents or guardians.

Students over 18 years of age who are independent and who wish their educational records released to parents or guardians must sign a waiver form made available by the academic dean. Such waivers must be signed each academic year. Annually, the academic dean will provide all students with a form asking them to specify if they are dependent or independent and to designate the correct names and addresses to which grade reports are to be sent.

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, city and state of permanent residence, college address, college telephone number, college e-mail address, major field of study, enrollment status, grade level, date and place 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 academic dean 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:

- **cum laude**: Cumulative grade point average of 3.50 to 3.64 at the time of graduation
- **magna cum laude**: Cumulative grade point average of 3.65 to 3.79 at the time of graduation
- **summa cum laude**: Cumulative grade point average of 3.80 or higher at the time of graduation

Academic Awards

**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 3.0 GPA or higher for a term.

**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.

**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. In each case, the recipients must be full-time students and have completed at least 50 percent of their credits at Colby-Sawyer.

**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 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 graduate'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

Colby-Sawyer Award
This award is given by the college to that 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 the 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 the award is chosen by vote of the sophomore class.

Key Association Award
The Key Association Award is given annually to that graduating Key Association member who exemplifies the very best qualities of the Key Association Tour Guide. He or she must be responsible, articulate, enthusiastic, and display a strong sense of pride and enthusiasm to visitors to our campus.

Senior Achievement Award
This award is 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 senior female and male students who have demonstrated exemplary leadership and dedication to the college community.
Honor Societies

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 3.5 or better while carrying a minimum of 12 credit hours in graded courses. Courses graded Pass/Fail may not be included as part of the 12 credit hours.

Alpha Chi
The Colby-Sawyer Chapter of this national honor society recognizes the academic achievement of juniors and seniors. To be eligible for membership, a student 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 credit hours (one-half at Colby-Sawyer) with a 3.5 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 or the office of the academic dean.

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 GPA of 3.0, have completed at least three college semesters and nine credits of psychology courses with a minimum GPA of B (3.0) in those courses, and be enrolled in a program of study with strong psychological content (for example, the psychology or child development majors and 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 3.0. 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 first 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 completed one-half of the nursing curriculum, have a minimum GPA of 3.0, rank in the upper 35 percent of their graduating class, meet the expectation of academic integrity, and obtain two endorsements. For further information about the Honor Society or Sigma Theta Tau, contact the faculty sponsor.

Academic Support Services

Academic Advising
Opportunities for educational planning are provided to assist students in realizing the full value of their college experience. All Colby-Sawyer students have an academic advisor who takes a personal interest in their progress. This advisor confers with the student at regular intervals, giving advice on both academic and career matters, including the choice of a career or graduate school. In addition, the advisor can provide assistance if further academic, career or personal counseling is needed and can make the necessary referrals. While students have the responsibility for successful completion of degree requirements in their chosen field of concentration, advisors assist in the design and implementation of educational goals and serve as a resource for selecting appropriate courses.

Academic Development Center
The Academic Development Center is a tutoring facility designed to provide all Colby-Sawyer College students with academic support services. Staffed by a director, an assistant director, a learning specialist, part-time professional tutors, and student academic counselors, the center offers individualized tutorials in specific courses as well as in writing, time management and academic skills. The goal of staff members is to help students at all levels of academic achievement reach their full intellectual potential. Tutorials are free of charge to Colby-Sawyer students and can be set up on a regular basis or by appointment as needed.

Student Academic Counselors
Student academic counselors comprise the peer-tutoring staff at the Academic Development Center. They are selected and trained to conduct individualized tutorials in specific courses as well as in general areas such as writing and study strategies. Their services are free of charge to Colby-Sawyer students.

Students with Learning Disabilities
Colby-Sawyer College welcomes qualified students with learning disabilities. Academic accommodations are provided for these students to assure accessibility.
of all college programs. Documentation is reviewed and accommodation services are coordinated by the learning specialist at the Academic Development Center in James House. These services are provided by the college free of charge. Copies of the college’s policies and procedures and additional information are available from the Academic Development Center.

**Career Development Center**

The Harrington Center for Career Development and Community Service, located in Danforth Hall is staffed by professionals who offer a variety of services to students. The center has career exploration and job development resources as well as information concerning internship sites for students, job listings and community service opportunities. The staff of the Harrington Center also coadministrates the college’s student employment program, trains student employees and supervisors, and maintains personnel files on student employees.

Students are encouraged to follow a planned succession of activities that help them assess their interests and abilities, coordinate majors with career fields, participate in videotaped interview practice sessions, conduct long-range graduate school planning, and identify internship and community service opportunities to enhance their job search success. Upon completion of college, students should be able to identify and achieve goals, make well-informed decisions, and implement appropriate and professional job search strategies.

Students have access to FOCUS on the Web, a computerized guidance program that helps students develop a model for career decision making. FOCUS on the Web contains the latest information about work activities, job entry requirements, salary levels, work conditions and market outlooks for over 2,000 occupations. Other computerized resources include an online job vacancy listing called Jobline; alumni career-volunteer database; internship opportunities; and Career Search, a searchable database of over 1.5 million large and small employers.

The center also sponsors career panels that give students the opportunity to learn from alumni and other professionals about various careers, and a community service program that includes visiting the elderly, tutoring at local schools, volunteering with Habitat for Humanity and Special Olympics, and engaging in various human service activities.

The Harrington Center Web site provides students and alumni with up-to-date information on all programs and services offered by the center, plus online resources and links to enhance job search opportunities.

**Special Academic Programs**

**English Language and American Culture Program**

Through all of its programs, Colby-Sawyer College encourages students of varied backgrounds and abilities to realize their full intellectual and personal potential so that they may gain understanding about themselves, others, and the major forces shaping our rapidly changing and pluralistic world.

To this end, the college has committed itself to attracting international students to Colby-Sawyer and to preparing and supporting them as they pursue an American college education. This preparation and support are provided by the English
Language and American Culture Program. Students enrolled in the English Language and American Culture Program are eligible for all the college's services and are further supported through a program of advising that is designed especially for international students.

**English Language Component**

The English Language component of the program provides classes in English as a Second Language (ESL) to prepare students to be able to study successfully at Colby-Sawyer College. The ESL courses carry academic credit that may be applied toward graduation in the same way that modern language study earns elective credit.

- ESL courses are designed to serve students who have achieved 500 on the TOEFL test but need to strengthen their English academic skills.

**American Culture Component**

The American Culture component provides international students with

- advice concerning immigration and tax regulation;
- help with issues and problems that arise from living in a new culture;
- native English-speaking conversation partners;
- opportunities for educational field trips and social activities;
- home stays with English-speaking hosts; and
- on-campus residential experiences that maximize the possibility of learning English and understanding American culture.

**Wesson Honors Program**

The Colby-Sawyer College 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 3.5 GPA and a minimum 1150 SAT (or 1540 on the new SAT) or 25 ACT score are eligible for the Wesson Honors Program. Students accepted into this program will be awarded a four year renewable $10,000 Wesson Honors Scholarship and automatically are enrolled into the Honors Program.

Students entering the Wesson Honors Program are encouraged to enroll in the Honors Pathway Seminar to begin their participation in the program and advance toward an Honors Certificate at graduation. To receive an Honors Certificate, a student must complete the Honors Pathway sequence in the first and second years (6 credit hours), three additional honors courses (9 credit hours), or two honors courses and one honors contract (9 credit hours), and an Honors Capstone (3 credit hours). To sustain good standing in the program, students must maintain dean’s list status and take at least one honors course each year. 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 honors curriculum is composed of elective courses with the honors designation. Each semester, the faculty offers several interdisciplinary courses for students in the honors program or other students who successfully petition for entrance. To be offered as part of the honors curriculum, a course must adopt an interdisciplinary focus, use a seminar/discussion format, assign primary sources and advanced readings, and incorporate a research component. In addition, honors students may also propose one course in the regular curriculum to be designated as an honors course by contract with the professor. Honors courses usually enroll 8-15 students with 20 as the upper limit.

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 (honors@colby-sawyer.edu).

**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 (2.0) to receive transfer credit. Credit hours 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.

**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 a student with learning opportunity under collaborative supervision among Colby-Sawyer faculty, and 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 a national setting.

Most programs 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 Development and Community Service with approval and evaluation by faculty sponsors. Specific information on policies and procedures as well as student, faculty sponsor, and career development center responsibilities is available from the Harrington Center.

**Rationale**

Internships Across the Curriculum support the mission of the college to “combine the values of liberal studies in the traditional arts and sciences with those of 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.

**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 Application form to the Harrington Center;
- has satisfactorily completed a preinternship seminar offered by the Harrington Center;
- 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.

**Guidelines**

Each department may have established prerequisites for students wishing to undertake internships. However, these are the general guidelines:

- Students must register for each internship with the Registrar’s Office.
- 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.
- 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.
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 credit hours 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 credit hours 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 (3.0) or better in the course or its equivalent.
- The student must have a minimum 3.0 cumulative grade point average.

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.

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.

Study Abroad

Students are strongly encouraged to study abroad at some time during their undergraduate years. Colby-Sawyer is an institutional associate of the Institute for Study Abroad of Butler University. The Institute offers programs for study abroad in countries such as Argentina, Australia, Chile, Costa Rica, Cuba, England, Ireland, New Zealand, Northern Ireland, and Scotland.
Courses taken at another college or university must be preapproved for granting transfer credit by Colby-Sawyer’s registrar.

**Michael Alexander Weiner Fellowship**

The Michael Alexander Weiner International Fellowship is a competitive program that gives one or two students per year a grant on their return from travel abroad. This fellowship is an opportunity to frame what students will learn while abroad with an eye to how that experience might contribute to the Colby-Sawyer College community, especially within the academic program.

This fellowship is open to eligible sophomores and juniors who will be returning to Colby-Sawyer College for at least one year of full-time matriculation. Students must have a minimum cumulative grade point average of 3.0. Students must submit a letter of application to the director of academic affairs and international programs by October 15 for spring semester study abroad or February 15 for fall semester study abroad.

The director of academic affairs and international programs has information on these and other opportunities that allow students to earn college credit for a semester, year or summer program. Students interested in study abroad should start their planning as soon as possible in their first year. Colby-Sawyer financial aid eligibility does not extend to these programs. However, students may be eligible for other scholarships and federal aid.

**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.
ADMISSIONS
AND
FINANCIAL AID
Admissions

Colby-Sawyer welcomes applications from students who will benefit from and contribute to the educational environment of the college, which is based on a commitment to excellent instruction and personalized faculty-student relationships. The Admissions Office selects those candidates who demonstrate academic ability, intellectual curiosity, motivation, self-initiative and leadership potential. The college actively seeks diversity in its student body, and no person is excluded on the grounds of race, color, gender, religious preference, disability, age, sexual orientation, or national and ethnic origin.

Admissions Requirements

The primary factor in the selection process is a careful review of the applicant’s high school transcript. The college requires that prospective students present at least 15 units of college preparatory work, including four years of college-preparatory English, three years of mathematics, two years of the same foreign language, three or more years of social studies, and two or more years of a laboratory science. The Admissions Office also places emphasis on the results of standardized testing, the required essay, counselor and teacher recommendations, and extracurricular activities. A personal interview with a member of the admissions staff is highly recommended.

Students who apply for admission to the college with the intention of pursuing a major in nursing are strongly encouraged to have three years of college-preparatory laboratory sciences, including biology and chemistry.

Applicants whose academic preparation does not include the required college preparatory coursework may also apply. They must, however, present other evidence that will support their ability to master college-level work.

Campus Visit Program

Students and their families are invited to visit the campus either during the week or on scheduled Saturdays. Because there are no Saturday classes, a weekday visit allows visitors to observe the college in action.

During the fall and winter months, there are several days set aside for Colby-Sawyer College Discovery Days. On these days, a prospective student is paired with a Colby-Sawyer host to experience “a day in the life of a Colby-Sawyer student.” With his or her host, the student will attend class, visit residence halls, eat lunch in the dining hall and browse through the campus bookstore. The Admissions Office also sponsors two fall open house events in October and spring open houses for accepted students in April.

To arrange your visit to Colby-Sawyer College, please call the Admissions Office at (800) 272-1015 or (603) 526-3700 or e-mail csadmiss@colby-sawyer.edu.

Admissions Procedures

The following guidelines are offered to assist students who wish to apply for admission to Colby-Sawyer College:

1. Application: Current application forms may be obtained from a high school guidance counselor, transfer counselor, or the Admissions Office at Colby-Sawyer College. Applicants may apply electronically or download the PDF version of the

Applicants should complete the application form, including the required essay, and mail or deliver it with the nonrefundable application fee of $45 to

Admissions Office
Colby-Sawyer College
541 Main Street
New London, NH 03257

2. Transcript: Applicants should ask their secondary school guidance office to send an official transcript that includes the first marking period grades of the senior year to the Admissions Office. A student who has attended another college must send an official transcript to the Admissions Office along with a college catalog that contains descriptions of all courses taken.

3. Recommendations: Students are required to provide two academic recommendations with the admissions application: one from a guidance counselor and a second from a teacher.

4. SAT or ACT Test Results: Test results from the College Examination Board Scholastic Assessment Test (SAT) or the American College Testing Program (ACT) are required. The scores from these examinations either should be sent directly from the test center to the Admissions Office or should be included on an applicant’s official transcript. The Colby-Sawyer College number for the SAT is 3281; for ACT it is 2506. The test should be taken early in the candidate’s senior year, although it is recommended that students take the test in their junior year. By beginning the process during the spring of their junior year, students have ample time to retake the test during the fall of their senior year should they choose to do so.

5. Acceptance: Beginning in December, the admissions committee reviews applications as they become complete, and students are notified as soon as a decision is made. Accepted students are asked to confirm their intention to attend Colby-Sawyer by forwarding an enrollment deposit of $400. This deposit is refundable until May 1. At the time of enrollment, applicants must have a high school diploma or the equivalent.

6. Early High School Graduates: Colby-Sawyer is pleased to consider applications from students who have completed three years of high school, provided high school graduation requirements have been fulfilled. Application procedures are the same as those outlined above, and it is expected that candidates will present evidence of strong support from their guidance counselor and/or principal.

Wesson Honors Program

Students with a minimum 3.5 GPA and a minimum 1150 SAT (or 1540 on the new SAT) or 25 ACT score are eligible for the Wesson Honors Program. Students accepted into this program will be awarded a four-year, renewable $10,000 Wesson Honors Scholarship and automatically are enrolled into the Wesson Honors Program. Applications not accepted as part of the Wesson Honors Program will be reviewed as part of the regular applicant pool.
Advanced Placement

Colby-Sawyer College recognizes meritorious secondary school work by granting advanced placement and/or credit for those who have taken enriched or accelerated courses before entering college. Applicants qualify for credit by satisfactory achievement on college-approved placement examinations, including the College Board Advanced Placement Tests, or through the College-Level Examination Program. Credit will be given if a score of three or higher is achieved. For further information regarding credit for advanced placement courses/tests, please contact the Registrar’s Office at (603) 526-3673.

Deferred Admission

Admitted students who have submitted their enrollment deposit of $400 are eligible to delay their college attendance up to two semesters under the Deferred Admissions Plan. Applicants are encouraged to apply for admission during their senior year of high school and to request a deferral after acceptance. If the enrollment deposit is not already forwarded, the deferral request should be accompanied by an enrollment deposit of $400, which is not refundable after May 1 of the year of initial acceptance. The deferral request also should include the student’s plans for this period of time.

Re-enrolling Students

Except for those on official leaves of absence, any previously enrolled student who has been away from the college for more than one year must reapply through the Admissions Office. Students who have been on official leaves of absence or who have been away from the college for less than one year should contact the Registrar’s Office.

International Students

Colby-Sawyer is authorized under federal law to enroll nonimmigrant, international students. Admissions procedures are generally the same as those noted above. Instead of the SAT, students whose native language is not English are required to take the Test of English as a Foreign Language (TOEFL) administered by the College Board. Students are required to earn a minimum 173(CBT)/500(PBT) TOEFL score. The applicant must take the TOEFL during the year of application so that the score accurately reflects the student’s command of the English language. Further information is available from the Admissions Office or from TOEFL Services, Box 6151, Princeton, NJ 08541-6151, USA. Foreign nationals must submit proof of their ability to support themselves financially while studying in the United States. A modest amount of financial assistance is available for international students.

Transfer Students

For the 2005-06 academic year, transfer students interested in nursing will not be considered for admission to the college. Colby-Sawyer welcomes applications from those students who have previously attended other accredited educational institutions. Students with an associate degree from an accredited college and a minimum cumulative grade point average of C (2.0) will receive full credit for all courses taken and passed at the other college, provided that the degree has liberal education requirements similar to those at Colby-Sawyer. Students who have an associate
degree that does not have liberal education or similar requirements will have their work evaluated on a course-by-course basis. Students who do not have an associate degree or who do not have a minimum cumulative grade point average of C (2.0) will also be evaluated on a course-by-course basis. In all cases, credit is given for courses that have been completed with minimum grades of C (2.0) and that are pertinent to the educational mission of Colby-Sawyer, which means they are equivalent to courses offered here.

The registrar will make the final determination regarding transferability of individual courses. Grades earned in courses taken before matriculation at Colby-Sawyer will not be included when computing the cumulative grade point average. Transfer students should note that at least one-half of the prescribed credits for a Colby-Sawyer degree, including the final 30 credit hours, must be sponsored by Colby-Sawyer, whether taken on or off campus. It is the responsibility of students to provide catalog descriptions of all courses offered in transfer.

Admissions procedures are the same as those outlined in the Admissions Procedures section of this catalog, although special emphasis is given to the college transcript showing work most recently completed. An official high school transcript is, however, still required. Colby-Sawyer requires a Dean’s Recommendation form from the school the student is currently attending (or has attended most recently) and a course catalog from every school at which the student has taken a course. Forms may be obtained by contacting the Admissions Office at (603) 526-3700 or (800) 272-1015 or by emailing csadmiss@colby-sawyer.edu. Transfer students are welcome to begin their studies in September or January. It is strongly recommended that prospective transfer students visit the college for a campus tour and an interview.

Guidelines for Students Intending to Major in Nursing

The nursing program is a rigorous course of study and enrollment may be limited. The Department of Nursing strongly recommends that students who apply for admission to the college with the intention of pursuing a major in nursing have three years of college-preparatory laboratory sciences, including biology and chemistry; a minimum SAT combined score of 1000 (or 1340 on the new SAT); and a minimum high school GPA of 2.75. Students who do not meet these criteria still may apply for admission to the college with the intention of pursuing the nursing major.

Students Planning to Transfer into Nursing

The Colby-Sawyer College nursing curriculum is designed for the generic nursing student seeking a first entry-level 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. All required science courses must be completed at Colby-Sawyer College. Transfer of required science courses is not permitted in the Nursing major. Priority for entrance to the nursing program is given to enrolled Colby-Sawyer College students. Further information is available from the nursing department and the registrar’s office. For the 2005-06 academic year, transfer students interested in nursing will not be considered for admission to the college.
Transfer Policy for Athletic Training Program

Given the specific nature of an education for the health professions, transfer students with prior athletic training education will be evaluated on an individual basis. In direct consultation, the student and the Athletic Training Education Program (ATEP) director will 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 from all athletic training major courses for which they seek transfer credit by October 15, if enrolling in the spring semester, and March 1, if enrolling in the fall semester. Transfer students are held to all Major Acceptance requirements and will go through the process at the end of the semester in which they complete these requirements. See the requirements for Major Acceptance in Exercise and Sport Sciences section of this catalog. As is also 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 Education Program for a minimum of two calendar years prior to graduation to graduate with a specialization in athletic training.

Academic Renewal

A Colby-Sawyer College student who withdraws and re-enrolls after a period of five years or more may elect to apply for academic renewal. More detailed information can be found in the section of the catalog entitled Academic Standards and Regulations.

Midyear Entrance

Students who wish to begin their studies at Colby-Sawyer during the spring semester are encouraged to apply before December 15 and to follow the admissions procedures outlined above. Students graduating from high school or wishing to transfer from another institution in the middle of the academic year are also encouraged to apply for admission. For further information contact the Admissions Office at (603) 526-3700 or (800) 272-1015 or e-mail csadmiss@colby-sawyer.edu.

Nondegree Students

A nondegree student at Colby-Sawyer is one who has not applied for or been admitted to a degree program but who wishes to study on a part-time or full-time basis. For example, qualified high school students are allowed to register for one course per semester without tuition charge on a space-available basis. Other nondegree students may wish to explore the Colby-Sawyer curriculum for a semester while on leave from their home institutions. Still others may wish to attend classes at Colby-Sawyer to return to academic pursuits or to pursue independent study from another institution. For information and an application for nondegree student course registration, contact the Admissions Office.
Financial Aid

Policy

Through its scholarship and financial aid programs, Colby-Sawyer offers assistance to approximately 85 percent of the student body. This aid is made possible through several sources including endowment income and scholarships, operating income, grant and loan funds, and funds provided through state and federal programs. Financial assistance is awarded through the Financial Aid Office.

Students who have achieved academic and special talent success as well as those who have demonstrated financial need will be offered financial aid. Eligible candidates include students who have been accepted for admission and who are full-time degree candidates.

Students wishing to be considered for financial aid need to have received a high school diploma or GED (general equivalency diploma).

Financial aid is awarded on an annual basis and usually includes a combination of scholarships, grants, loans, and on-campus part-time work. One half of the total amount awarded through grants or loans is applied to each semester's bill. Payment for on-campus employment is made directly to the student. Students are expected to contribute to their cost of education through loans, part-time work during the year, and summer employment.

All financial aid is calculated on the basis that students will be enrolled full-time. Students enrolled part time will have their financial aid award adjusted according to their enrollment status. Colby-Sawyer assistance is granted only to full-time students. Federal assistance will be prorated according to the number of credits taken. Further information regarding Colby-Sawyer College financial aid can be obtained by contacting the Financial Aid Office at (800) 272-1015 or (603) 526-3717 or by emailing cscfinaid@colby-sawyer.edu.

Procedure For Entering Students

Students interested in receiving financial aid from Colby-Sawyer College should

- be accepted for admission before February 15 by completing the application for admission with all requested supplemental information; and
- complete the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov or mail the paper version included with the application form provided by a local high school guidance office or the College Financial Aid Office. (Students are urged to send the FAFSA by February 1, to ensure the processor will receive it prior to the February 15, priority deadline date).

Procedure for Renewal of Awards

The college is committed to renewing the financial aid of students whose need continues and whose academic and personal records indicate satisfactory progress and a contribution to college life. A Free Application for Federal Student Aid (FAFSA) must be filed each year. Forms may be obtained from the Financial Aid Office. The FAFSA should be completed and returned to the Financial Aid Office before April 15.
Students are required to pay the commitment deposit and register for the upcoming semester before they are considered for assistance. Returning students will be notified of their financial award decisions in early June.

**Loss of Eligibility for Financial Aid/Tuition Remission**

Regulations require that students receiving assistance from any federal program must maintain satisfactory academic progress in their course of study. Students receiving assistance from other college sources are required to follow the same federal guidelines. The college will evaluate students’ progress at the end of each semester. Financial aid will be withheld if any of the following apply to students:

- failure to maintain a cumulative 2.0 grade point average for two or more semesters;
- a term GPA below 2.0 for the second consecutive semester;
- failure to complete any credit hours for a term; and
- failure to complete the degree within the maximum time for their academic program. Students may receive financial aid for 12 semesters as long as they maintain satisfactory academic progress.

Students who reside on campus in the current year, but plan to reside off campus in the next academic year may have their institutional grant reduced by 40 percent.

A student who loses eligibility for financial aid or tuition remission through failure to meet institutional standards for renewal may appeal to the Financial Aid Office. The appeal must be made in writing to the coordinator of financial aid within ten working days after the notice and must explain the extenuating circumstances that provide evidence to support the appeal.

**Scholarships, Grants and Loans**

**Merit Awards for Entering Students**

Colby-Sawyer College offers several four-year, renewable merit awards ranging up to $10,000 per year which are given to incoming students without regard to financial need. These awards were instituted to reward aptitudes, talents and commitments displayed in high school that the college would like to see nurtured and further developed. All students who are accepted to the college prior to February 1 with the minimum 2.75 high school grade point average and with 950 SAT (or 1400 on the new SAT) or 20 composite ACT score or higher will be considered for this selective scholarship program. Merit award applications and further information can be obtained from the Admissions Office.

**College-Wide Merit Awards**

**Edith B. Long Scholarships in Art**

Established in 1964 in memory of “Coco” Long ’64, these scholarships are awarded each year to returning students who demonstrate outstanding ability and interest in art. Candidates should apply, with their entries, to the Annual Juried Student Exhibition held in late March.
**Charlotte Cobb Stahl Scholarship Fund**
Established in 1994 in memory of a member of the class of 1951, these scholarships are awarded each year to students enrolled in the fine arts course of study. Candidates should apply, with their entries, to the Annual Juried Student Exhibition held in late March.

**Sawyer Fellowships**
Sawyer Fellowships are designed to recognize and promote high levels of achievement by returning students in all aspects of campus life at the college. The Sawyer Fellowships recognize students who have demonstrated the potential to make strong contributions to campus life in academic programs, the fine and performing arts, residential life, cocurricular life, and other aspects of the educational program. They are awarded by the academic dean to students who are nominated by the faculty and administrative staff and reviewed by an advisory committee. These fellowships may be renewed for fellows who continue to maintain a high level of achievement. Awards range from $500 to $1,500 with the fellow receiving one-half of the grant each semester of the academic year for which the grant is made.

**Scholarship Funds**
Many scholarships have been established through the interest and generosity of alumni, parents, and friends of Colby-Sawyer. Some honor individuals; some reflect gratitude of alumni for their education at Colby-Sawyer; others express the desire to assist a small liberal arts college. Colby-Sawyer does not award athletic scholarships.

**Grants-in-Aid**
Grants-in-Aid represent the major portion of the financial aid program. A grant-in-aid is a form of gift aid (financial aid that the student need not repay).

**Colby-Sawyer College Grants-in-Aid**
Grant monies are derived from gifts from alumni, trustees, friends of the college, and foundations as well as from current income. Amounts vary from a minimum of $100 to a maximum of $18,000. Recipients must be enrolled full time and demonstrate financial need.

**Federal Grants**

**Federal Supplemental Educational Opportunity Grants**
The Federal Supplemental Educational Opportunity Grant program provides awards up to $3,000 for students with exceptional financial need. Funds from this federal program are administered by the college.

**Federal Pell Grant Program**
This federal student aid program provides direct grants ranging from $400 to $4,050. Students apply for the Federal Pell Grant through the Free Application for Federal Student Aid (FAFSA).
Loans

Colby-Sawyer College Loans
When there is evidence of need, loans are available directly from Colby-Sawyer College. The maximum loan per year is $3,000. No interest is charged while the recipient is enrolled as a full-time student at this or any other accredited educational institution. Beginning immediately thereafter, interest accrues at the rate of 9 percent per annum. Repayment on loans, beginning six months after termination of full-time enrollment, starts at a minimum of $600 per annum, payable at a minimum of $150 per quarter.

Federal Loans

Federal Perkins Loans
Federal Perkins Loans are authorized by federal legislation and administered by the college. Applicants must be citizens or permanent residents of the United States. Further information is available through the Financial Aid Office.

Federal Stafford Loan Program
This is a low-interest, educational loan program under which first-year students may borrow up to $2,625, sophomores $3,500, and juniors and seniors $5,500 per academic year from participating lending institutions. Information is available through the Financial Aid Office.

Other Sources of Financial Aid

State Incentive Grant Program
Students apply for their Incentive Grant Program through the Free Application for Federal Student Aid (FAFSA). The amount of the grant and the eligibility criteria are determined by each state.

Local or National Scholarships
There are many scholarships that are awarded by fraternal and religious organizations, businesses, industries, labor unions, etc. Information is available in guidance offices and local libraries.

Student Employment Opportunities
Part-time, on-campus employment during the academic year is usually awarded as a part of a financial aid “package.” Campus jobs are posted in the Career Development Office and payment is at hourly rates established by state and federal legislation. Students cannot be employed on campus without showing proof of eligibility to work in the United States as required by the Immigration Reform and Control Act of 1986.
FINANCIAL INFORMATION
Financial Information

Classifications

Resident Student
A student is defined as a resident when living in a college-operated living area. A resident student is required to carry at least 12 credit hours in the fall and spring semesters. Students with special needs may petition for a waiver from the Residential Education Office and the academic dean. All resident students must participate in the board plan.

Nonresident Student
A nonresident student is one who does not live in college facilities.

Full-time Student
Any student taking at least 12 credit hours per semester is a full-time student and receives all the benefits and privileges of that status. A full-time student may be a resident or a nonresident.

Part-time Student
Any student taking fewer than 12 credit hours per semester is defined as a part-time student. Part-time students are charged on a credit-hour basis.

Audit Student
Credit courses may be audited on a no-credit basis if space is available, the professor’s permission is secured, and the registrar is informed. Full-time students may audit as many courses as they wish at no additional fee. Other students may audit one or more courses at the special fee listed in this catalog.

Annual Charges
The annual comprehensive fee includes full-time study during the fall and spring semesters, admission to all cocurricular events at student rates, and access to all student services. The fees for 2005–2006 are listed below.

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Full-time nonresident student, comprehensive fee</td>
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<td>Full-time resident student, comprehensive fee, based on shared room</td>
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</tr>
<tr>
<td>Single room with private bath</td>
<td>$900</td>
</tr>
<tr>
<td>Shared room with private bath</td>
<td>Charges vary</td>
</tr>
</tbody>
</table>

Room charges are based on shared occupancy. Some rooms have additional charges per year as shown below:

Students should plan to spend an estimated $1,500 per year on books, supplies and personal expenses.
Colby-Sawyer College 2005–2006 Catalog

Financial Information 207

A returning student deposit of $200 is required before a student may register for
classes. This deposit is credited toward the comprehensive fee and is nonrefundable.
An initial enrollment deposit of $400 is required of all first-time Colby-Sawyer students and is only refundable before May 1, upon written request. After May 1, students not matriculating forfeit the deposit. Once a student has matriculated, this
deposit is held by the college for the entire time the student is enrolled. The deposit
will be refunded after a student’s graduation or withdrawal and after any outstanding charges have been deducted.
Students are billed twice a year, in July and November. Fall tuition and fees are due
August 15, and spring tuition and fees are due December 1. All checks and money
orders should be made payable to Colby-Sawyer College and mailed to the Business
Office, 541 Main Street, New London, NH 03257. MasterCard, Discover Card, and
Visa are accepted.
Full payment or enrollment in the Tuition Management Systems payment plan
must be completed before a student may complete registration. Grades, transcripts,
and diplomas will not be released until all obligations are paid in full. Students with
past-due balances as of 12 noon on the last day of final exams before graduation are not eligible to participate in the commencement ceremony. Unpaid balances of more than 30
days will be assessed a 1.5 percent per month finance charge. The college reserves the
right to assign unpaid accounts to an outside agency and to take legal action.

Calendar for Payment for 2005–2006 Resident Fees
By March 12 for returning students:
Returning student deposit (nonrefundable) . . . . . $200
By May 1 for new entering students:
Continuing enrollment deposit . . . . . . . . . . . . . . $400
By August 15 for fall enrollment . . . . . . . . . . . . . $17,095
By December 1 for spring enrollment . . . . . . . . . . $17,095
Colby-Sawyer College reserves the right to make revisions to the fee schedule at
any time without prior notice.

Special Fees
Applied music and ensemble module courses
(per credit hour) . . . . . . . . . . . . . . . . . . . . . . . . . . . . $200
Audit fee (per credit hour for part-time students) . . . . . $140
CSC credit examination fee per credit hour (for fewer
than 12 credit hours or more than 18 credit hours) . . $55
Course fee per credit hour (for fewer than 12
credit hours or more than 18 credit hours) . . . . . . . $825
Horseback riding lessons . . . . . . . . . . . . . . . . . . . . . . . . $600
Car registration fee (annually)
Resident and nonresident students . . . . . . . . . . . . . . $50
Replacement ID fee . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $10
Returned check . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $25


Payment Plan
Tuition Management Systems, a monthly payment plan, is available whereby tuition fees for full-time students may be paid on a monthly basis through an outside agency. Information is mailed to all students and is available online at www.afford.com.

Refunds
A refund will be issued on a credit balance statement only. All requests for refunds must be submitted in writing to the Business Office. Refunds will be handled through the Accounts Payable Office at the college. Please allow two to four weeks for processing.

Loan and Scholarship Checks
Loan and outside scholarship checks that are co-payable to the student and the college will be credited to the student’s account. No refund will be made until such time as the student’s account shows a credit balance. Students are advised to plan living and bookstore expenses accordingly.

Tuition, Room and Board Refunds for Withdrawal
The college has adopted the following tuition refund policy. Students who withdraw will receive the following refund:

<table>
<thead>
<tr>
<th>Time of Withdrawal</th>
<th>Refund Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to first day of classes</td>
<td>100 percent</td>
</tr>
<tr>
<td>Within first week of classes</td>
<td>75 percent</td>
</tr>
<tr>
<td>Within second week of classes</td>
<td>50 percent</td>
</tr>
<tr>
<td>Within third week of classes</td>
<td>25 percent</td>
</tr>
<tr>
<td>After third week of classes</td>
<td>0</td>
</tr>
</tbody>
</table>

The Registrar’s Office will determine the official date of withdrawal.

Administrative Withdrawal Refunds
No refunds for tuition, fees or housing are given for administrative withdrawals, including, but not limited to, disciplinary action that results in the suspension or dismissal of a student. In addition, no refund will be granted for students who lose their residency privileges due to an administrative action.

Federal IV Refund Policy
Students receiving federal financial aid will receive a refund based on the current policy specified by Title IV regulations. When students use financial aid to pay for tuition, fees and on-campus housing, any refundable amount is returned to the appropriate Title IV program (i.e., Pell Grant, Federal Supplemental Educational Opportunity Grant; and Perkins, PLUS, and Stafford loans). The full amount of a student’s refund will be used to restore funds to the Title IV federal account from which aid was received, regardless of any unpaid balance that may still be owed to Colby-Sawyer College. Students considering withdrawing from the college during a semester are encouraged to contact the Financial Aid Office.
**Course Overload and Special Course Fees Refund Policy**
No adjustment or refund of special fees will be made to the student’s account beyond the end of the first week of classes. Students who drop a course that carries a special fee after the first week of classes will receive no refund.

**Adjustments for Course Changes**
Although courses may be dropped later in the semester without academic penalty, the college will make no fee adjustments after the first week of class.

**Tuition Insurance Refund Plan**
Colby-Sawyer College offers a voluntary tuition insurance plan administered by AWG Dewar Inc. The Tuition Refund Plan goes beyond the college's published refund policy, providing a 100 percent refund for accidents and illness. Withdrawals for emotional or psychological reasons are covered at 60 percent.

Enrollment forms and information are mailed midsummer. Families choosing to enroll do so directly with AWG Dewar before fall classes begin.
STUDENT SERVICES
Student Services

Academic Advisors

All Colby-Sawyer students have academic advisors who take a personal interest in their progress. This advisor confers with the student at regular intervals to give advice on academic matters and career or graduate school choices and to make the necessary referrals to other campus services. Advisors assist students in the design and implementation of educational goals and serve as a resource for selecting appropriate courses.

Academic Development Center

The Academic Development Center is a tutoring facility designed to provide all Colby-Sawyer College students with academic support services. Staffed by a director, a learning specialist, part-time professional tutors, and student academic counselors, the Center offers individualized tutorials in specific courses as well as writing, time management and academic skills. Tutorials are available on a regular basis or as needed by appointment during day or evening hours and are free to Colby-Sawyer students.

Baird Health and Counseling Center

Baird Health and Counseling Center (BHCC) provides confidential, holistic health care to all full-time matriculated students, including both physical and psychological services. The center is open Monday through Friday, 8 a.m. to 6 p.m. Emergency care after hours and on weekends is available at New London Hospital Emergency Department. The director of BHCC and/or a counselor are always on call for psychological emergencies and can be contacted through the Campus Safety Office.

Health services provided by BHCC include the treatment of common acute and chronic problems, physical exams, contraceptive services and immunizations. Counseling services address separation anxiety, relationship problems, eating disorders, substance abuse, and a number of other issues facing young adults.

All full-time, matriculated Colby-Sawyer College students have a health insurance policy that will provide coverage up to $1,000. All students are encouraged to have additional private coverage that coordinates with the college insurance policy. For more information regarding insurance benefits and additional coverage, contact BHCC. Students may call or visit the Baird Center for appointments or for additional information.

Bookstore

The college bookstore in Colgate Hall, operated by Follett, carries textbooks, supplies, clothing, gifts and snacks. Students may pay for merchandise with a personal check, cash and SmartCard bookstore account. MasterCard, American Express, Discover and VISA cards are also accepted.

Campus Activities Office

The Campus Activities Office facilitates the activities of a variety of campus groups and organizations, including activities in the Ware Campus Center and Sawyer Fine Arts Center. The office also maintains a master calendar for all cultural campus events and activities, and coordinates campus leisure and social programs and events.
Campus Safety Office
The college maintains the Campus Safety Office which works to protect all members of the college community and the security of buildings and property. The Campus Safety Office promotes individual responsibility and community commitment through education, empowerment and enforcement, using proactive partnerships throughout the college community. The college's Web site has information about policies and procedures.

Career Development Center
The Harrington Center for Career Development and Community Service offers a wide variety of programs, services and resources to assist students with career planning and internships. The center offers a career library, ongoing workshops, computer-assisted guidance, individual career counseling, videotaped mock interviews, an alumni network, internship database, job fairs and community service opportunities. The college's Web site has more information about policies and procedures.

Cash Machines
An automatic teller machine (ATM) is available in the Hogan Sports Center. Other cash machines are available at several banks in town. Students are urged to establish accounts with local banks to assure check-cashing and other privileges.

Child Care
The college's Windy Hill School accommodates children from ages 15 months through kindergarten. Children can be registered with the director of Windy Hill School, and financial arrangements can be made through the Business Office. Individual arrangements can be made with students wishing to offer child care through postings in the Ware Campus Center or the Harrington Center.

Clubs and Organizations
Art Student Society
The purpose of the Art Student Society is to promote the visual and fine arts on campus and off campus through museum visits, guest artist and performers, and exhibitions. Membership is open campus wide to any individual interested in promoting the arts.

Biology Majors Club
The Biology Majors Club provides biology majors and others with an interest in biology the opportunity to plan and carry out activities related to the life sciences outside the classroom setting.

Campus Activities Board
The Campus Activities Board is a student organization responsible for developing and implementing a variety of social, cultural, educational and recreational activities. The group is made up of a variety of committees, each focusing on a specific type of activity.

Class Boards
There are four class boards, one for each matriculating class. These four boards are comprised of class officers elected annually by their class. These boards promote class
unity and facilitate communication among class members, address class issues when
appropriate or bring those issues to representatives of the Student Government if
necessary, plan and implement activities for their class, and initiate fund-raising
activities to support class programming.

Community Service

The Harrington Center may be contacted for further information about commu-
nity service opportunities for students. Recent programs include

ABC Quilt Project
After School Program
Alternative Spring Break
American Red Cross
America Reads
Council on Aging
New London Hospital
Special Olympics
Thanksgiving Baskets
Upper Valley Humane Society

Colby-Sawyer Courier (newspaper)

The Colby-Sawyer Courier is a student-run publication that strives to provide full
and accurate coverage of campus life, events and issues. The paper is a forum for the
exchange of viewpoints, comments and criticisms.

Dance Club

The Dance Club is open to all students regardless of their level of experience. The
club welcomes enthusiasm and interest in learning ballet, tap, jazz and exercises. The
group meets regularly and a performance is scheduled each semester.

Exercise and Sport Sciences Majors Club

The objective of the Exercise and Sport Sciences Majors Club is to promote under-
standing among the programs of athletic training, exercise science, and sport man-
agement, while providing students with hands-on experience in their particular
fields. All of the club’s activities are designed to enhance the department’s curricu-
lum by allowing students the opportunity to apply the knowledge they have gained
in the classroom.

Key Association

The Colby-Sawyer Key Association is composed of a select group of students who
have expressed a strong interest in welcoming visitors to the campus. Key represen-
tatives give tours every day and are compensated for this work. A much larger group
of volunteer Keys help with the open houses and special tour groups. Key representa-
tives are proud of Colby-Sawyer and eager to acquaint incoming students with the
opportunities available to them. Selection is based on candidates’ abilities to express
themselves, enthusiasm for Colby-Sawyer, and willingness to assume responsibility.

Psychology Club

The Psychology Club is open to all students with an interest in psychology. Its
purpose is to provide students an opportunity to engage in activities related to psy-
chology and to enhance their knowledge of the field. This purpose is achieved through guest speakers, films and discussions held throughout the year.

**Safe Zones**

Safe Zones is a campus organization with the purpose of creating a safe environment for gay, lesbian, straight, bisexual and transgender members of the community.

**Student Government Association (SGA)**

The SGA has three standing committees: Student Issues, Media, and Clubs and Organizations. The senate and executive council oversee these committees. (See the SGA Constitution for more details.)

**Students in Free Enterprise (SIFE)**

The purpose of SIFE is to work in partnership with businesses and higher education, providing college students the leadership experience of establishing free enterprise community outreach programs that teach others how market economies and businesses operate and how people can use this knowledge to better themselves, their country and their community.

**Student Nurses Association (SNA)**

The SNA is composed of students interested in or majoring in nursing who want to work together on campus projects that support the ideals of the nursing profession. The association works closely with the Nursing Department and the Baird Health and Counseling Center to organize and implement health-related activities on campus.

**WSCS Radio Station (90.9 FM)**

This club is for students interested in all aspects of radio work, including station management, audio production, and broadcasting on WSCS. It also helps students explore possible career opportunities in radio.

**Code of Community Responsibility**

Students, faculty and staff who join Colby-Sawyer College become members of a unique academic community with strong traditions and a commitment to developing personal excellence. Community living demands that individuals balance personal freedoms with respect for the rights of others. The Code of Community Responsibility, which exists to clarify reasonable balance points within this community, is available on the college's Web site.

**College Vans**

The college maintains a fleet of 15-passenger vans for the college community's use. Requests to use or operate a van are made through the Campus Safety Office.

**Computers**

Computer labs are located in the Susan Colgate Cleveland Library/Learning Center and Colgate Hall. Students have access to these labs at designated hours. Wireless network access is now available in the Cyber Lounge in the Ware Campus Center and the Susan Colgate Cleveland Library/Learning Center. The college provides file server personal directories for saving student work. Windows XP
Professional is the environment for our standard applications, including Microsoft Office XP Suite, Internet Explorer for Internet access, and Eudora e-mail. The Microsoft Office XP Suite is available to students to load on their personal computers free of charge. College policy requires that all students have an active, updated antivirus program on their personal computers. Norton Antivirus is available to all students free of charge. Information Resources provides technical support for the computer labs. Student computer lab-monitors are available to provide additional support.

Network access is available for students from the residence halls by direct network connection. Information Resources supplies support for connectivity issues with students’ in-room PCs.

College computing resources are offered to students under an acceptable use policy. Inappropriate use of college computers for any potentially harmful purpose such as threatening or sending obscene e-mail messages may result in disciplinary action. It is not permissible for students to install software or make changes to the configuration of any college computer. Penalties for such infractions may include cancellation of user accounts.

Dan and Kathleen Hogan Sports Center

The Dan and Kathleen Hogan Sports Center was designed to meet the athletic and recreational needs of Colby-Sawyer College students. Programs held in the facility provide individuals the opportunity to engage in worthwhile use of leisure time and to maintain a high-quality lifestyle. Individuals can participate in drop-in activities such as basketball, volleyball, racquetball, swimming and fitness programs. Instructional activities include swimming lessons, sport demonstrations and classes designed around a specific activity.

The Elizabeth Kind Van Cise Fitness Center offers cardiovascular equipment and muscle-strengthening equipment. Individuals must go through a training session with a specialist prior to using the facility. Other programs include aerobic sessions and special events designed with fitness in mind.

Food Services

The college food service is provided by Sodexho. All resident students are required to be on the meal plan. Before entering the dining room, resident students must present their ID card, which serves as a meal ticket. The ID/meal card is not transferable. Guests may purchase a meal by paying the posted prices at the entrance. Meal hours, prices and menus are posted outside the dining room and may also be found on the Colby-Sawyer College Web site. Health Code standards require that shoes and shirts be worn in the dining room, and no animals are permitted on the premises.

Identification Cards

The Campus Safety Office is responsible for issuing identification (ID) cards. The ID also is called a SmartCard and:

1. is used for access to the residence halls and many classroom and administrative buildings;
2. is used for meals in the dining room;
3. as the SmartCard, it is used for purchases in the campus bookstore, dining (Lethbridge Lodge and guest meals in the dining room) and miscellaneous—campus laundry, vending and library copy machines (see the section on SmartCard);
4. is used as identification for campus activities, facilities, and check cashing;
5. is necessary for library lending; and
6. is used for discounts at some local businesses and ski areas.

Lost cards must be reported to the Campus Safety Office, and a $10 replacement fee is charged. Damaged cards should be taken to the Campus Safety Office for replacement and the director will determine if a replacement fee will be charged. Lending or other misuse of a card will result in a fine. Students must carry their IDs at all times while on campus.

**Keys**

The college maintains an access system protect its community members, facilities, and property, and to safeguard information. The Campus Safety Office is responsible for issuing, installing, repairing and recapturing all locking devices.

Students whose work or academic responsibility requires them to enter a college building at a time when that building is locked may contact the Campus Safety Office for access.

**Lethbridge Lodge**

From 1934 until 1996, the Lodge sat on the shore of Little Lake Sunapee. This large, rustic building was framed with hand-hewn timbers from New London’s first meeting house, originally erected in 1788. The Lodge was reconstructed on campus in 1998 and was named Lethbridge Lodge in honor of trustee and friend George M. Lethbridge, in May 2004. The building has a great room with a fireplace, snack bar, and Internet lounge. It is available to students, faculty and staff 24 hours a day with ID card access. During the summer it is used for alumni activities.

**Library/Learning Center**

The library is named for Susan Colgate Cleveland, a longtime trustee and benefactor for the college and granddaughter of the college’s first teacher. The award-winning design was created using two pre–Civil War barns.

The five-level structure houses Information Resources, which provides print and electronic resources, including full-text databases, books, periodicals, videotapes, audiocassettes and compact discs. Fully automated with an online catalog of holdings and access to the Internet and World Wide Web, the library with its spectacular view of the surrounding mountains, is a perfect place for quiet contemplation, reading and research. The technology-enabled training room with 10 PCs is available for meetings, workshops and classes. Wireless network and Internet access is available in two computer areas with 14 PCs each. A 25-seat computer classroom also is available for individual use when classes are not scheduled.
Mail
Every residential and commuter student is issued a mailbox in the college mail room for the academic year. The mail room is located in the Ware Campus Center. During posted hours, packages may be sent and received, and postage stamps are available for purchase. Mail room hours are 10 a.m. to 12:30 p.m. and 2 p.m. to 4 p.m. Campus information is distributed through the mail room, so students should check mailboxes frequently.

Parking
Students, guests or employees who wish to have a vehicle on campus must register their vehicle(s) in order to avoid penalties. Online vehicle registration for the academic year begins in May. There is no additional charge for changing vehicle registration, or for summer/recess parking. Registration fees are as follows:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Students</td>
<td>$50</td>
</tr>
<tr>
<td>Guests</td>
<td>Temporary permits are available for up to seven days at no charge. Guest’s vehicles are the responsibility of the housing student or employee.</td>
</tr>
<tr>
<td>Commuter Students and Employees</td>
<td>Fee is waived.</td>
</tr>
</tbody>
</table>

Additional information is available on the college’s Web site.

Residential Education
Colby-Sawyer College residence halls are dynamic living and learning environments in which students are challenged to investigate the many dimensions of human interaction, explore current social issues as a vehicle for personal development, and develop leadership and membership skills.

Eleven residence halls range in size from 39 to 116 students. Each hall has live-in staff members who seek to know each resident of the hall, develop a community based on individual responsibility and respect for others, and provide opportunities for student learning. The members of the residence hall staff are resident directors and resident assistants.

Resident Directors
Resident directors (RDs) are full-time, live-in professional staff members who are responsible for the overall management, administration and supervision of one to three residence halls. The RDs train and supervise RAs. Through community development and individual contact with residents, RDs work to maintain an atmosphere that establishes a living and learning environment conducive to the intellectual and personal growth of each student. RDs coordinate educational and social programming, manage emergency situations, and meet with students who have violated the Code of Community Responsibility. Each RD has a secondary assignment in another area of campus life.

Resident Assistants
Resident assistants (RAs) are undergraduate students who assist in the management of the residence hall by working to create a community atmosphere based on trust, respect, and adherence to the Code of Community Responsibility. An RA’s pri-
mary goal is to get to know each resident and then to help residents get to know one another. By providing referrals to campus resources and helping students identify their needs and interests, RAs are instrumental in the success of all students.

**Furnishings**

All residence hall rooms are furnished with a bed and mattress, desk, desk chair, and dresser for each resident. Students who would like to have their furniture removed from their room must contact their RAs, who will initiate a work order.

**Occupancy**

During normal college vacations, the residence halls are closed, and unless special permission is received, students are expected to vacate their rooms 24 hours after their last class or exam, or 7 p.m. on the last exam day, whichever comes first. Traditional vacation periods include Thanksgiving recess, recess between semesters, and spring recess. Students are expected to formally check out with a member of the residential education staff and vacate their rooms 24 hours after their last class or final exam of the academic year. Graduating students may stay in their rooms through commencement.

Students given special permission to stay on campus must adhere to the Code of Community Responsibility. Due to limited staff during vacations, students with special permission to stay on campus may not host guests or have alcohol on campus until the college officially opens. The same is true for the period immediately preceding the opening of college for the academic year.

**SmartCard**

SmartCard is the student’s multipurpose college identification (ID) card issued upon arrival to campus. This ID card gives students access to campus buildings and can be used for campus purchases. For campus purchases using SmartCard, a student may fund one or more of the following accounts: bookstore, dining (Lethbridge Lodge and guest meals in the dining room) and miscellaneous (laundry, vending and library copy machines). **Note:** Students need to fund the miscellaneous account if they want to use campus laundry machines.

SmartCard account(s) can be established online through the college website or at the Business Office. A student/parent have 24/7 availability to check their account balance and to add funds using a credit card. A $25 minimum deposit is required to open each account. SmartCard balances are brought forward from semester to semester and are nonrefundable until a student graduates or withdraws from the college. Cash withdrawals are not allowed and funds can not be moved between accounts. Refunds on SmartCard purchases will be credited back to the account. More information is available from the Business Office.

**Special Events**

A variety of special events occur throughout the academic year, such as:

- **Commencement**
- **Convocation**
- **Fall Fest**
- **Mountain Day**

- **Orientation**
- **Scholars Day**
- **Spring Weekend**
- **Winter Weekend**

More information is available on the college’s Web site.
Sports

Varsity Athletics—NCAA Division III

The athletics program views the goal of continuously challenging and supporting students in reaching their optimal level of performance and potential as an important part of the student-athlete's total college experience. All varsity team members must be full-time students (minimum 12 credit hours) and remain in good academic standing (minimum 2.0 GPA). 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. All entering student-athletes must undergo a complete physical examination before participating on any intercollegiate team. Colby-Sawyer College does not offer athletic scholarships.

The intercollegiate athletic program consists of nine sports for women (basketball, lacrosse, equestrian sports, alpine ski racing, soccer, swimming and diving, tennis, track and field, and volleyball) and eight sports for men (baseball, basketball, equestrian sports, alpine ski racing, soccer, swimming and diving, tennis, and track and field). The college belongs to the NCAA Division III and competes against other independent colleges in the Northeast as a member of the Eastern College Athletic Conference (ECAC). The college is a member of the Commonwealth Coast Conference, which sponsors championships for baseball, basketball, lacrosse, soccer, tennis and volleyball. Students interested in participating in a varsity sport should contact the coach or athletic director.

Recreational Sports

The recreational sports program offers students the opportunity to participate in sports through club sports, intramural sports and special events.

Club Sports. Club sports are organized by students with interests in a particular sport that is not offered at the varsity level. Clubs provide opportunities to compete with other club and varsity programs throughout New England. Active club sports include cross country running, field hockey, ice hockey, men's lacrosse, mountain bike racing, Nordic ski racing, men's and women's rugby, snowboarding and women's softball. New club teams may be formed in response to student interest combined with coaching support and activity-funding authorization. All club sports must adhere to the policies and standards set forth by the Recreational Sports Office.

Intramural Sports. Intramural sports provide opportunities for students, faculty and staff to participate at a competitive and recreational level in team and individual sports leagues. Sports offered for both men and women include basketball, floor hockey, flag football, indoor soccer and volleyball. Special events organized by the Recreational Sports Office include races, golf tournaments and wellness programs.
**Student Employment**

There are a number of student employment positions on campus. Students who wish to work should contact the department supervisors for job availability. Payment is at hourly rates established by federal legislation. The Harrington Center maintains listings of job openings on campus.

**Telephone Service**

All matriculated students are provided with the college’s telephone service. Each resident and nonresident student is assigned a private voice-mailbox. Answering machines are *not* permitted. Long-distance calling service is available with a personal authorization code (PAC) or credit card.

**Ware Campus Center**

The Ware Campus Center is managed by the Campus Activities Office. The facility houses the campus dining hall, located on the lower level and managed by Sodexo. The main floor contains Alumni Lounge, an information desk, the Cyber Lounge, Campus Activities Office, Wheeler Hall, the Board of Trustees Conference Room, and the mail room. The upper floor houses the offices of the dean and the assistant dean of students, residential education and citizenship education. Space for clubs and organizations and the Ware Conference Room and copying services, are also located on the upper floor. The Ware Campus Center is used for a variety of educational and social events.
COLLEGE GOVERNANCE
AND
CAMPUS DIRECTORY
College Governance

To meet its educational goals, the college is committed to collaborative planning and effort with all constituencies of the college and to across-the-college conversations. Established bodies for faculty participation include the academic departments and the committees of the college.

Board of Trustees

Colby-Sawyer College is chartered under the laws of the state of New Hampshire, and ultimate responsibility for the college rests with the Board of Trustees. As such, it is the final institutional authority and grants all degrees awarded by the institution upon the certification of the registrar. Its primary responsibility is articulating general educational policies and academic goals. In so doing, it is obligated to protect the financial resources of the college, plan and direct the financial resources, and relate them to the current and future needs of the college.

President

The president of the college is selected by the Board of Trustees and serves as chief executive officer of the college. The president is responsible for all college functions, activities and policies. The president has power, on behalf of the trustees, to perform all acts and execute all documents to carry out the actions of the Board and its Executive Committee.

Senior Staff

The senior staff provides effective administration leadership for the college by planning, coordinating and evaluating all areas of college life; articulates the vision of the institution; and initiates, develops and implements strategies to achieve the goals and objectives of the college.

Members of the senior staff are the vice president for academic affairs and dean of the faculty, the treasurer, the vice president for enrollment and dean of admissions, the vice president for advancement, the vice president for student development and dean of students, and the vice president for administration.

Academic Affairs

The academic vice president and dean of faculty works with the faculty and academic affairs staff overseeing the development, implementation and evaluation of academic policies and programs; recommends to the president the allocation of resources among all academic offices; recommends to the president all appointments, promotion, tenure, and sabbatical leaves of personnel; and is responsible for coordinating the planning and budgeting process.

Academic Advising

Academic Departments

- Business Administration
- Exercise and Sport Sciences
- Fine and Performing Arts
- Humanities
- The Institute for Community and Environment
- Natural Sciences
- Nursing
- Social Sciences and Education

Academic Development Center

Career Development and Community Service

English Language and American Culture

Faculty
Information Resources
Registrar
Study Abroad
Windy Hill School

Student Development
The vice president for student development and dean of students works with the student development staff overseeing the development, implementation and evaluation of student services.

Health and Counseling Center
Campus Activities
Campus Safety Office
Citizenship Education
Residential Education

Administration
The vice president for administration is responsible for all physical plant programs, including major construction, management of risk reduction and insurance, personnel administration, central purchasing, telecom operations, food service, bookstore, and office service activities.

Athletics
Bookstore
Central Purchasing
Dan and Kathleen Hogan Sports Center
Facilities
Food Services
Human Resources
Office Services
Recreation
Telecommunications

Advancement
The vice president for advancement oversees programs and activities that connect alumni, current and past parents, and friends to the college.

Alumni Relations
Development

Finance
The treasurer is the chief financial officer of the college. The treasurer is responsible for accounting, budgeting, cash management, fiscal planning, financing and investments.

Business Office
Institutional Research

Enrollment Management
The vice president for enrollment management is responsible for the recruitment of Colby-Sawyer students.

Admissions Office
Communications
Financial Aid Office
Parent and Family Relations Office
Campus Directory

Board of Trustees

Honorary Life Trustees

David L. Coffin P’76
William H. Dunlap
Charles J. Lawson
Sunapee, N.H.
Amherst, N.H.
New London, N.H.

Life Trustees Emeriti

Barbara M. Clough ’31, ’01
Mary Trafton Simonds ’38, P’64
Barbara Johnson Stearns ’32
Hanover, N.H.
Lexington, Mass.
New London, N.H.

Class I (Term Expires May 2006)

Anne Winton Black ’73, ’75
Lo-Yi Chan
Leslie Wright Dow ’57
Eleanor Morrison Goldthwait ’51
Susan Morrison Mayer ’50, P’75
Mel A. Shaftel
Sinclair Smith Siragusa ’53
Richard N. Thielen
Simsbury, Conn.
New York, N.Y.
Mooresville, N.C.
New London, N.H.
Newbury, N.H.
New York, N.Y.
Chicago, Ill.
Boston, Mass.

Class II (Term Expires May 2007)

Pamela Stanley Bright ’61
Alice W. Brown
Joyce Juskalian Kolligian ’55
Robin L. Mead ’72
Jean Harding Pierce ’47
Oxford, Md.
Paint Lick, Ky.
Winchester, Mass.
Endwell, N.Y.
Boca Grande, Fla.

Class III (Term Expires May 2008)

William S. Berger
Timothy C. Coughlin P’00
Thomas C. Csartí
Peter D. Danforth P’83, ’84, GP’02
Richard Dulude
Stephen W. Ensign
Suzanne Simons Hammond ’66
Patricia Driggs Kelsey
Daniel H. Wolf
New London, N.H.
Bethesda, Md.
Hanover, N.H.
New London, N.H.
Georges Mills, N.H.
New London, N.H.
Wilton, Conn.
New London, N.H
Newbury, NH

P = Parent
GP = Grandparent
Emeriti

Upon recommendation of the academic vice president and dean of faculty and with the concurrence of the Board of Trustees, retiring faculty members may be promoted to the rank of Faculty Emeriti. This honorary rank, awarded to full-time faculty who have devoted a significant portion of their professional lives to meeting the educational mission of the college, carries with it certain privileges and benefits. The following members have been so honored:

- Martha M. Andrea, M.F.A. 1978–2005
- Reva E. Bailey, M.Ed. 1962–1986
- Donald L. Campbell, M.F.A. 1960–1990
- Larry B. Dufault, Ph.D., J.D. 1973–2000
- Alf E. Jacobson, Ph.D. 1958–1986
- Louise H. Koory, A.M. 1943–1976
Faculty

Maurissa Abecassis, 2000
Assistant Professor, Social Sciences and Education
B.A., University of Winnipeg;
Ph.D., University of Minnesota

F. Michael Adams, 2004
Adjunct Assistant Professor, Exercise and Sport Sciences
B.S., Georgetown University;
M.D., Hahnemann University

Laura Alexander, 2001
Assistant Professor, Natural Sciences
B.S., Colby-Sawyer College;
M.S., Antioch New England Graduate School

Maryann Allen, 2004
Assistant Professor, Natural Sciences
B.S., Pennsylvania State University;
M.S., Drexel University

Patrick D. Anderson, 1977
Professor, Humanities
A.B., University of Notre Dame;
M.A., Ph.D., University of Michigan

Rich Andrusiak, 2005
Adjunct Instructor, Natural Sciences
B.S. Michigan State University;
M.A., University of Colorado;
M.A., Colorado College

Gregory R. Austin, 2005
Associate Professor, Exercise and Sport Sciences
B.P.E., Acadia University;
M.S.P.E., Ph.D., Ohio University

Jennifer Austin, 2005
Assistant Professor, Exercise and Sport Sciences
B.S.A.T., M.S.P.E., Ph.D., Ohio University

Lea R. Ayers, 1998
Associate Professor, Nursing
B.A., Smith College;
M.S.N., Yale University

Nicholas A. Baer, 2004
Assistant Professor, Natural Sciences
B.A., University of Vermont;
Ph.D., University of Maryland

Caren Baldwin-DiMeo, 2005
Adjunct Instructor, Humanities
B.A., University of New Hampshire;
M.F.A, Emerson College

Susan Barnard, 2002
Adjunct Assistant Professor, Fine and Performing Arts
M.F.A., M.A., State University of New York College at Brockport;
C.M.A., University of Utah

Loretta S. Wonacott Barnett, 1978
Professor, Chair, Fine and Performing Arts
B.F.A., Boise State University;
M.F.A., Ohio State University

LaVonne M.O. Batalden, 1994
Associate Professor, Natural Sciences
B.A. Augsburg College;
M.S., Ph.D., University of Minnesota

Mary T. Bellino, 2004
Adjunct Assistant Professor, Natural Sciences
B.S., University of Massachusetts;
M.S., Ph.D., Tufts University

Donna E. Berghorn, 1991
Associate Professor, Humanities
B.A., Canisius College;
M.S., Ph.D., Rensselaer Polytechnic Institute

Karin Berthiaume, 2003
Adjunct Instructor, Humanities
B.A., Wittenberg University

Anne R. Bewley, 1996
Associate Professor, Social Sciences and Education
B.S., Western Oregon State College;
M.A., Chapman College;
Ph.D., The Union Institute
Janet C. Bliss, 1976  
Assistant Professor, Social Sciences and Education  
A.A., Colby Junior College;  
B.S., New England College;  
M.Ed., Wheelock College  

Gerald M. Bliss, 1988  
Associate Professor, Fine and Performing Arts  
B.A., University of New Hampshire;  
M.F.A., University of Florida  

John Bott, 1977  
Professor, Fine and Performing Arts  
B.S., Troy State University;  
M.F.A., University of North Carolina  

Kathy Bott, 2002  
Adjunct Instructor, Social Sciences and Education  
B.A., University of Evansville  

Wende Butler Brock, 1999  
Adjunct Instructor, Social Sciences and Education  
B.S., St. Lawrence University;  
M.Ed., University of New Hampshire  

John H. Callewaert, 2000  
Assistant Professor, Social Sciences and Education, and Director, Institute for Community and Environment  
B.S., Michigan State University;  
M.A., M.Div., Catholic Theological Union;  
Ph.D., University of Michigan  

Deborah M. Campbell, 2003  
Adjunct Instructor, Fine and Performing Arts  
B.S., Northeastern University  

Laura Campbell, 2001  
Adjunct Instructor, Fine and Performing Arts  
B.A., Bucknell University;  
M.A.T., Antioch College;  
Diploma of Music, The Julliard School  

Joseph C. Carroll, 1977  
Professor, Social Sciences and Education  
M. Roy London Endowed Chair  
B.A., Holy Cross College;  
M.A, Ph.D., University of New Hampshire  

Ellen B. Ceppetelli, 2005  
Chair, Nursing  
B.S.N., University of Massachusetts;  
M.S., Boston College  

Michael Civiello, 2003  
Adjunct Assistant Professor, Fine and Performing Arts  
B.A., California State University;  
M.A., Columbia University  

Marc A. Clement, 1974  
Professor, Social Sciences and Education  
B.A., Villanova University;  
M.S., Ph.D., University of Massachusetts  

Hilary P. Cleveland, 1955  
Adjunct Associate Professor, Social Sciences and Education  
B.A., Vassar College;  
Licence, Sciences Politiques, Institut Universitaire des Hautes Études Internationales  

Jacqueline Coe, 2005  
Adjunct Instructor, Humanities  
B.A., Colby-Sawyer College  

Robert Constantine, 2001  
Adjunct Assistant Professor, Social Sciences and Education  
B.S., University of Rhode Island  

Bradford E. Cook, 2002  
Adjunct Assistant Professor, Business Administration  
B.S., University of New Hampshire;  
J.D., Cornell University  

Cheryl Coolidge, 2002  
Associate Professor, Natural Sciences  
A.B., Bowdoin College;  
M.S., Northeastern University;  
Ph.D., University of Massachusetts, Lowell
Donald Coonley, 1989
Professor, Humanities
B.A., Stetson University;
M.A., University of Florida;
Ph.D., University of Michigan

R. Todd Coy, 2005
Assistant Professor, Social Sciences and Education
B.A., University of Houston;
M.A., University of Houston,
Clear Lake;
Ph.D., Tufts University

Elizabeth C. Crockford, 1993
Associate Professor, Chair, Business Administration
B.A., College of the Holy Cross;
M.B.A., New Hampshire College;
Ph.D., Capella University

John M. Culp, 1996
Clinical Assistant Professor, Exercise and Sport Sciences
B.A., Ohio Northern University;
M.S., University of Arizona

Angelyn M. D’Ambruoso, 2005
Adjunct Instructor, Natural Sciences
B.S., Boston College;
M.Ed., Plymouth State University

Kathleen N. Daretany, 2005
Adjunct Assistant Professor, Nursing
B.S., Wagner College;
M.A., New York University

Robin Burroughs Davis, 1998
Adjunct Assistant Professor, Humanities
B.A., M.S., Longwood College

Donna L. Denniston, 2001
Adjunct Instructor, Fine and Performing Arts
B.A., Boston University

Walter Derrenbacher, 2001
Adjunct Instructor, Business Administration
B.S., Syracuse University;
M.S., Lesley College

Jean Eckrich, 1995
Professor, Chair, Exercise and Sport Sciences
B.S., University of Delaware;
M.S., University of Wyoming;
Ph.D., Purdue University

Philip Eller, 2004
Adjunct Instructor, Social Sciences and Education
A.B., Drury University;
M.A., Truman State University

David Elliott, 1998
Instructor, Humanities
B.A., Ohio State University;
M.A., School for International Training

Janice K. Ewing, 1995
Professor, Chair, Social Sciences and Education
B.A., University of British Columbia;
M.A., Washington State University;
Ph.D., University of South Carolina

David Ernster, 1999
Adjunct Instructor, Fine and Performing Arts
B.F.A., University of Iowa;
M.F.A., West Virginia University

Nicole Fenton, 2002
Adjunct Instructor, Fine and Performing Arts
B.S., The College of Saint Rose

Judith Ferriera, 2004
Adjunct Assistant Professor, Social Sciences and Education
B.S., Bridgewater State College;
M.Ed., Keene State College

Deborah Fournier, 2004
Adjunct Assistant Professor, Nursing
B.A., Colby-Sawyer College;
M.S.N., Yale University

Hester Fuller, 2003
Associate Professor, Humanities
A.B., Harvard-Radcliffe College;
M.S., Columbia University;
M.Ed., Ed.D., Harvard University
Allison E. Gammell, 2004  
Clinical Instructor, Exercise and Sport Sciences  
B.S., M.S.Ed., Duquesne University

Lynn J. Garrioch, 2001  
Assistant Professor, Social Sciences and Education  
B.A., Wilfrid Laurier University; M.A., Ph.D., University of Victoria

Shari Goldberg, 1998  
Assistant Professor, Nursing  
B.S., University of New Hampshire; M.S., Boston College

Maynard Goldman, 2004  
Adjunct Assistant Professor, Business Administration and Institute for Community and Environment  
B.A., University of Michigan; J.D., Harvard University

Elizabeth M. Gradone, 2003  
Adjunct Instructor, Humanities  
B.Mus., University of Massachusetts; Clinical Pastoral Education, Rush-Presbyterian-St. Luke’s Medical Center; M.Div., Seabury-Western Theological Seminary

Martin S. Green, 1996  
Adjunct Assistant Professor, Business Administration  
B.S., University of Maine at Machias; M.S., George Washington University; Ph.D., Virginia Commonwealth University

Craig Greenman, 2004  
Assistant Professor, Humanities  
B.A., Valparaiso University; M.A., Ph.D., Loyola University, Chicago

E. Landon Hall, 2003  
Adjunct Instructor, Humanities  
B.A., University of Virginia; M.A., Vermont College

Joanna S. Hamilton, 2005  
Adjunct Instructor, Exercise and Sport Sciences  
B.Sc., University of Leeds

Randall S. Hanson, 1996  
Associate Professor, Social Sciences and Education  
B.A., Washington University; M.A., Ph.D., Indiana University

Betsy Harrison, 2005  
Adjunct Instructor, Humanities  
B.A., Mount Holyoke College; M.A., Antioch College

G. William Helm, Jr., 2004  
Adjunct Instructor, Social Sciences and Education  
A.B., Princeton University; M.B.A., Harvard Business School

Lauren G. Henry, 2005  
Adjunct Assistant Professor, Humanities  
B.A., M.A., University of New Hampshire; Ph.D., New York University

Jennifer Higgins, 2004  
Adjunct Instructor, Natural Sciences  
B.A., Bowdoin College; M.S., Southern Illinois University

Delphine Hill, 2003  
Adjunct Instructor, Humanities  
Diplôme d’Etudes Spécialisées Supérieures, Université de Dijon; Diplôme d’Ingénieur-Maître, Université de Marseille; Diplôme Universitaire Technologique, Université de Bourge-en-Bresse

Sally Hirsh-Dickinson, 2005  
Visiting Instructor, Humanities  
B.A., University of Massachusetts; M.A., University of New Hampshire

Alexandra L. Howell, 2004  
Adjunct Associate Professor, Natural Sciences  
B.A., Colby College; Ph.D., University of Texas

Joan Huber, 2001  
Assistant Professor, Nursing  
B.S., Villanova University; M.S., University of California at San Francisco
Pamela D. Hunt, 1995
Adjunct Assistant Professor, Natural Sciences
B.S., New York State College and Cornell University;
M.A., University of Montana;
Ph.D., Dartmouth College

Stephen Jankiewicz, 2005
Assistant Professor, Social Sciences and Education
B.A., Haverford College;
Ph.D., Rutgers University

Judith Joy-Clark, 2004
Assistant Professor, Nursing
B.A., M.S., State University of New York at Buffalo;
Ph.D., University of Texas at Austin

Thomas Kealy, 2000
Assistant Professor, Humanities
B.A., Wesleyan University;
M.A., University of Rhode Island;
Ph.D., University of Oregon

Lianne Keary, 1998
Instructor, Information Resources
B.A., Mount Holyoke College;
M.S., Simmons College

Jon P. Keenan, 1990
Professor, Fine and Performing Arts
(sabbatical leave fall ’05 and spring ’06)
Doshisha University (A.K.P.), Kyoto, Japan;
B.A., University of New Hampshire;
C.A.G.S./M.F.A., Kyoto University of Fine Arts Graduate School

Senra Kilic-Bahi, 2003
Assistant Professor, Natural Sciences
B.S., Middle East Technical University;
M.S., University of Saskatchewan;
Ph.D., University of New Hampshire

Edward Kimball, 1997
Adjunct Assistant Professor, Fine and Performing Arts
B.A., Bard College;
M.F.A., Columbia University

Amy Lee Knisley, 1997
Associate Professor, Chair, Humanities
B.A., University of The South;
M.A., Ph.D., University of Colorado

Mary T. Kronenwetter, 2003
Adjunct Instructor, Humanities
B.S., Ithaca College;
M.A., University of Massachusetts Boston;
Ed.D., University of Massachusetts Amherst

Sandra S. LeBeau, 2004
Adjunct Associate Professor, Social Sciences and Education
B.A., Smith College;
M.A., Yale University;
Ph.D., University of Pittsburgh

Kyong-Hee Melody Lee, 2003
Associate Professor, Natural Sciences
B.A., New York University;
M.A., M.S., Ed.D., Columbia University

Michael Lovell, 2000
Adjunct Assistant Professor, Fine and Performing Arts
B.F.A., Cornell University;
M.F.A., School of the Art Institute of Chicago

Scott Magrath, 2005
Adjunct Instructor, Social Sciences and Education
B.A., University of Rochester;
M.S., University of New Hampshire

Leon-C. Malan, 1994
Associate Professor, Business Administration
B.Com., University of Pretoria;
M.B.A., University of Cape Town;
Ph.D., State University of New York, Albany

Mary Joe Manley, 2005
Adjunct Assistant Professor, Natural Sciences
B.A., Ohio Wesleyan University;
M.N., Yale University;
M.A., Ed.D., Columbia University
Marianne McEnrue, 1993  
**Adjunct Assistant Professor, Business Administration**  
B.A., Duquesne University;  
M.B.A., Harvard University

Mary McLaughlin-Terry, 2003  
**Adjunct Instructor, Humanities**  
B.A., University of New Hampshire;  
M.Ed., University of Vermont

Michael E. McMahon, 1968  
**Associate Professor, Humanities**  
A.B., Colby College;  
M.A., University of Scranton

Melissa Meade, 2004  
**Assistant Professor, Humanities**  
B.A., Purdue University;  
M.A., Ph.D., University of Washington at Seattle

Russell E. Medbery, 2001  
**Assistant Professor, Exercise and Sport Sciences**  
B.S., Trinity College;  
M.S., Purdue University;  
Ph.D., University of North Carolina at Greensboro

Douglas J. Moran, 1991  
**Affiliate Professor, Exercise and Sport Sciences**  
B.A., College of the Holy Cross;  
M.D., Georgetown University  
School of Medicine

Mary E. Moran, 2005  
**Adjunct Assistant Professor, Nursing**  
B.S., St. Anselm College;  
M.P.A., Golden Gate University;  
M.S.N., University of Alabama

Jody E. Murphy, 2004  
**Assistant Professor, Business Administration**  
B.S., Franklin Pierce College;  
M.B.A., New Hampshire College

Judith A. Muyskens, 1998  
**Professor, Humanities**  
B.A., Central College;  
M.A., Ph.D., Ohio State University

Robert Nellis, 2005  
**Visiting Artist, Fine and Performing Arts**  
B.F.A., Millikin University;  
M.F.A., Kansas State University

Linda Kay Ost, 2005  
**Visiting Artist, Fine and Performing Arts**  
A.A.S., Yavapai College;  
B.S., Grand Canyon University;  
M.F.A., Savannah College of Art and Design

Basia M. Pietlicki, 2003  
**Instructor, Social Sciences and Education**  
B.A., University of New Hampshire;  
M.A., University of Nevada;  
Psy.D., Forest Institute of Professional Psychology

Anne Ponder, 1996  
**President of the College, Professor, Humanities**  
B.A., M.A., Ph.D., University of North Carolina at Chapel Hill

Christine L. Potter, 2005  
**Assistant Professor, Social Sciences and Education**  
B.A., Coe College;  
M.A., Ph.D., University of Iowa

Anthony N. Quinn, 1991  
**Assistant Professor, Business Administration**  
B.S., Cornell University;  
M.S., University of Vermont

Allan Rachlin, 2002  
**Adjunct Associate Professor, Social Sciences and Education**  
B.A., State University of New York;  
M.A., Arizona State University;  
Ph.D., State University of New York

Nash Reddy, 2005  
**Adjunct Instructor, Fine and Performing Arts**  
B.F.A., University of Arizona;  
M.Ed., Northern Arizona University

John Reed, 2002  
**Adjunct Instructor, Natural Sciences and Exercise and Sport Sciences**  
B.S., University of New Hampshire
Susan Reeves, 2002
Adjunct Assistant Professor, Nursing
Diploma in Nursing, Mary Hitchcock Memorial Hospital School of Nursing;
B.S., Colby-Sawyer College;
M.S., University of New Hampshire

Gary Robinson, 1975
Adjunct Instructor, Fine and Performing Arts
B.A., Franconia College

Jill Rockwell, 2000
Adjunct Assistant Professor, Nursing
A.D., Rancho Santiago Junior College;
M.S., Northeastern University

Marketa Rulikova, 2005
Visiting Instructor, Social Sciences and Education
B.A., University of Pardubice;
M.A., Central European University;
Ph.D., Polish Academy of Sciences

Pam Sanborn, 1999
Adjunct Instructor, Exercise and Sport Sciences
B.S., Colby-Sawyer College;
B.A., Pepperdine University

Kimberly Slover, 2003
Adjunct Instructor, Humanities
B.A., University of Connecticut;
M.A., Syracuse University

Thomas P. Stark, 1999
Assistant Professor, Business Administration
B.S., Northeastern University;
M.B.A., Harvard University

Ann Page Stecker, 1980
Professor, Humanities
David H. Winton Endowed Chair
(sabbatical leave fall ’05)
A.B., Randolph-Macon Woman’s College;
M.A., University of Virginia

Benjamin B. Steele, 1988
Professor, Chair, Natural Sciences
B.A., Harvard University;
M.S., Utah State University;
Ph.D., Dartmouth College

Peter G. Steese, 1991
Adjunct Assistant Professor, Humanities
B.A., M.A., University of Maryland

Kerstin Stoedefalke, 1990
Associate Professor, Exercise and Sport Sciences, and Natural Sciences
(leave of absence fall ’05 and sabbatical leave spring ’06)
B.S., Pennsylvania State University;
M.S., University of Montana;
Ph.D., University of Exeter

Olivia Storey, 1993
Associate Professor, Humanities
B.A., University of Massachusetts, Boston;
M.A., Rutgers University;
Ph.D., University of Birmingham

David G. Swanz, 2000
Adjunct Assistant Professor, Business Administration
B.S., University of Detroit;
M.B.A., George Washington University

Linda Tanner, 2004
Adjunct Instructor, Exercise and Sport Sciences
B.S., University of Massachusetts, Amherst;
M.A.L., Dartmouth College

Deborah A. Taylor, 1976
Professor, Social Sciences and Education
A.B., Cornell University;
M.S., Ph.D., Rutgers University

Kathy Taylor, 2004
Adjunct Instructor, Social Sciences and Education
B.A., M.S., Alfred University

Carrie Thomas, 1998
Assistant Professor, Information Resources
B.A., Mount Holyoke College;
M.I.S., Rutgers University

William A. Thomas, 1991
Associate Professor, Natural Sciences
B.A., Hamilton College;
M.A., Ph.D., Princeton University
Peter J. Thurber, 2003
Clinical Instructor, Exercise and Sport Sciences
B.S., University of New Hampshire; M.Ed., Plymouth State University

Rebekah A.L. Tolley, 2005
Visiting Instructor, Fine and Performing Arts
B.F.A., Concordia University; M.F.A., Temple University

Jenny L. Toonstra, 2004
Clinical Instructor, Exercise and Sport Sciences
B.A., Calvin College; M.A., Western Michigan University

Renee Vebell, 2002
Assistant Professor, Nursing
B.S., Skidmore College; M.S., New York University

Mark Vernon, 2004
Adjunct Instructor, Natural Sciences
B.A., Middlebury College; M.A., University of Delaware

Eric B. Wadsworth, 1996
Adjunct Assistant Professor, Business Administration
B.A., Dartmouth College; M.B.A., University of New Hampshire; C.F.P.; C.P.A.

Mark T. Watman, 2000
Adjunct Associate Professor, Humanities
B.A., New England College; M.F.A., Bennington College

Patricia J. Wells, 2005
Adjunct Instructor, Exercise and Sport Sciences
B.S., Colby-Sawyer College; M.Ed., Lesley College

Peter A. White, 2001
Assistant Professor, Natural Sciences
B.S., University of Massachusetts Dartmouth; Ph.D., Indiana State University

Elizabeth Whittington, 2004
Adjunct Associate Professor, Humanities
B.A., University of Massachusetts; M.Ed., Plymouth State College

Susan Wiitala, 2004
Adjunct Assistant, Nursing
B.S.N., Norwich University; M.S., Syracuse University

Leland A. Wilder, 1999
Adjunct Assistant Professor, Natural Sciences
B.A., M.Ed., University of New Hampshire

Matthew Winkler, 2005
Adjunct Instructor, Humanities
B.A., University of Sheffield; M.A., University of St. Andrews

Margaret C. Wiley, 1998
Assistant Professor, Humanities
B.S., University of New Hampshire; M.A., Ph.D., University of Massachusetts

Bert Yarborough, 1997
Assistant Professor, Fine and Performing Arts
B.A., Clemson University; M.A., M.F.A., University of Iowa

Jason Zenor, 2004
Adjunct Instructor, Humanities
B.A., Utica College of Syracuse University
Offices of the College

Office of the President
Anne Ponder, President

Office of Academic Affairs and Student Development
Deborah A. Taylor, Academic Vice President and Dean of Faculty
Loretta Barnett, Chair, Fine and Performing Arts
William Bitzer, Director of Information Resources
Janet C. Bliss, Director of Windy Hill School
John Callewaert, Director, The Institute for Community and Environment
Joseph C. Carroll, Interim Academic Dean
Ellen Ceppetelli, Chair, Nursing
Ann Chalker, Director of Learning Services
Elizabeth Crockford, Chair, Business Administration
Jean Eckrich, Chair, Exercise and Sport Sciences
David Elliott, Director of English Language and American Culture Program
Janice K. Ewing, Chair, Social Sciences and Education
Amy Knisley, Chair, Humanities
Carole H. Parsons, Registrar
Benjamin Steele, Chair, Natural Sciences
Kathy Taylor, Director of Career Development and Internships
Nancy Teach, Director of Academic Affairs and International Programs
Carrie Thomas, College Librarian

Office of Student Development
David A. Sauerwein, Vice President for Student Development and Dean of Students
Peter Berthiaume, Director of Campus Safety
Robin Burroughs Davis, Assistant Dean of Students and Director of Citizenship Education
Mary McLaughlin-Terry, Director of Residential Education
Jacqueline Webb, Director of Baird Health and Counseling
Sharon Williamson, Director of Campus Activities

Office of Enrollment Management
Joseph C. Chillo, Vice President for Enrollment Management and Dean of Admissions
Beth Bryant Camp, Senior Associate Director of Admissions
Ted Craigie, Interim Director of Financial Aid
Rick Ellis, Director of Admissions
Scott Magrath, Associate Director of Admissions
David R. Morcom, Executive Director of Publications
Robin Shaffer, Director of Enrollment Operations
Kimberly Slover, Director of Communications

Office of Administration
Douglas G. Atkins, Vice President for Administration
Laura Alexander, Director of Dan and Kathleen Hogan Sports Center
Mike Heffernan, Director of Sodexho Food Services
Lisa Lacombe, Director of Recreational Sports
Deborah Field McGrath, Director of Athletics
Mario Oliveira, Director of Sodexo Facilities Services
Christine Staub, Human Resources Manager
Kim White, Manager of Follett Bookstore
Kevin Zeise, Director of Sports Information

Office of Business and Finance
Douglas W. Lyon, Treasurer
Karen Bonewald, Controller
Judith Condict, Director of Institutional Research

Office of Advancement
Judith A. Muyskens, Vice President for Advancement
Elizabeth A. Cahill, Associate Vice President for Advancement
Gaye LaCasce, Director of Alumni Relations
Michael Pasqua, Director of Advancement Operations

Colby-Sawyer Alumni Association
The Colby-Sawyer Alumni Association comprises the 14,000 alumni of Colby Academy, Colby Junior College, Colby–New Hampshire College, and Colby-Sawyer College. Students who attend the college for at least two years are considered alumni, and become part of the Alumni Association.

The Alumni Association, through its hundreds of volunteers, works to support the college in many ways, including student recruitment, legacy scholarships, the annual fund, regional events and educational programming, career development, professional networking and mentoring. The goal of the Office of Alumni Relations is to provide opportunities for alumni to maintain ties with the college as well as with one another.

For further information, contact
Gaye LaCasce
Director of Alumni Relations
(603) 526-3724 or (800) 266-8253
alumni@colby-sawyer.edu
www.colby-sawyer.edu/alumni-friends

Parent and Family Relations
The Parent and Family Relations Office at Colby-Sawyer College seeks to guide and support the parents and family members of Colby-Sawyer students. The college recognizes the important role that parents and family members play in the daily lives of students. The partnership between parents and family members and the college is important because ultimately the same goal is shared: student success. To gain information or learn of opportunities for involvement, parents and family members may contact

Parent and Family Relations
(888) 514-8262 or (603) 526-3411
parents@colby-sawyer.edu
www.colby-sawyer.edu/admissions/parents
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