

Special Academic Programs

Architectural Studies

Although the College offers no special curriculum leading to graduate study in architecture and no major in architecture, students can combine art and architecture studio courses with others in art history, environmental studies, physics, and other related disciplines to prepare for architectural study. The architecture studio course is intended to develop the ability to conceive and communicate architectural and spatial concepts in two and three dimensions. Interested students should speak with members of the Visual Arts Division of the Department of Art, with Jill Pearlman in the Environmental Studies Program, or with members of the Career Planning Center staff as early in their Bowdoin careers as possible.

Arctic Studies

A concentration in Arctic studies, offered through the Department of Sociology and Anthropology, the Department of Geology, and the Peary-MacMillan Arctic Museum and Arctic Studies Center, provides students with opportunities to explore cultural, social, and environmental issues involving Arctic lands and peoples. Students interested in the Arctic are encouraged to consult with the director of the Arctic Studies Center in order to plan an appropriate interdisciplinary program, involving course work and field work at Bowdoin and in the North.

Engineering (3-2 Option; 4-2 Option)

Bowdoin College arranges shared studies programs with the School of Engineering and Applied Science of Columbia University, the Thayer School of Engineering at Dartmouth College, and the California Institute of Technology (Caltech). In addition, a new program of shared studies in engineering available for students from Maine is being offered with the University of Maine at Orono. The successful student earns a bachelor of science degree from the engineering school after completing the two years of the engineering program and earns a bachelor of arts degree from Bowdoin in either their fourth or fifth year, depending on the program.

Qualified students in the shared studies program may transfer into the third year of the engineering program at Columbia or the University of Maine after three years at Bowdoin. Columbia also offers a 4-2 option, which allows students to complete their senior year at Bowdoin before pursuing a master's degree at Columbia.

Dartmouth offers a number of options, including taking the junior year at the Dartmouth engineering program, senior year at Bowdoin, and fifth year at Dartmouth's Thayer School of Engineering.

Caltech invites students of superior academic achievement from a select group of liberal arts colleges to apply to their 3-2 Program. Determination of acceptance is decided by the Caltech Upperclass Admissions Committee for students to transfer upon completion of their junior year.

Also, students may apply as regular transfer students into any nationally recognized engineering program. All students must take **Physics 103, 104, 223, 229, 300** or **Mathematics 224; Chemistry 109; Mathematics 161, 171, and 181;** and **Computer Science 103** or **107**. They are also expected to have completed at least ten semester courses outside of mathematics and science, one of which should be in economics.

First-Year Seminars

The purpose of the first-year seminar program is to introduce students to college-level disciplines and to lead students to understand the ways in which a specific discipline may relate to other areas in the humanities, social sciences, and sciences. Each seminar places an emphasis upon the improvement of students' skills — their ability to read texts effectively and to write prose that is carefully organized, concise, and firmly based upon evidence.

A complete listing of first-year seminars being offered in the 2007–2008 academic year can be found on pages 147–57.

Health Professions Advising

The Office of Health Professions Advising provides students and recent graduates information and guidance regarding a wide range of opportunities in health care. First-year students interested in the health professions are encouraged to attend an introductory meeting during orientation. The office sponsors panel discussions with health care providers, presentations by admissions officers, and a variety of workshops throughout the year to inform all students of their options and of the requirements for entry into each field. The director is available to meet with students in scheduled appointments. Assistance is offered with such issues as the selection of courses, the pursuit of relevant experience outside the classroom, and the application process.

Advisory networks of health care professionals in the Brunswick area and of alumni/ae in the health professions nationwide afford opportunity for career exploration, and the Health Professions Advising Web site contains links to many professional associations. A variety of books and directories are available in both the Office of Health Professions Advising and in the Career Planning Center. For further information, see the office's Web site at www.bowdoin.edu/healthprofessions.

Legal Studies

Students considering the study of law should consult with the Legal Studies Advisory Group and the Career Planning Center. Members of the Legal Studies Advisory Group include Richard E. Morgan and Allen L. Springer, Department of Government and Legal Studies; Craig McEwen, Department of Sociology and Anthropology; Wil Smith, associate dean of multicultural student programs; George S. Isaacson '70, Esq.; Sherry Fowler, sailing coach; and James Westhoff, assistant director of the Career Planning Center. These individuals assist students in designing a coherent liberal arts program that relates to the study of law and allied fields, and provide guidance on all aspects of the application process. The Career Planning Center's resource library has excellent resources about law schools and careers in the legal field.

Bowdoin participates with Columbia University in an accelerated interdisciplinary program in legal education. Under the terms of this program, Bowdoin students may apply to begin the study of law after three years at Bowdoin. Students who successfully complete the requirements for the J.D. at Columbia also receive an A.B. from Bowdoin. For further information, refer to the pre-law Web page at www.bowdoin.edu/cpc/gradschool. Students interested in the Columbia program should meet with Professor Morgan during their first year at Bowdoin.

Teaching

Students interested in teaching in schools or enrolling in graduate programs in education should discuss their plans with personnel in the Education Department. Because courses in education, along with a major in a teaching field, are necessary for certification, it is wise to begin planning early so that schedules can be accommodated. (For information on a ninth semester option for student teaching, see pages 114–15.) An extensive resource library in the Career Planning Center contains information about graduate programs, summer and academic year internships, volunteer opportunities with youth, and public and private school openings. Career advising and credential file services are also available.