

College of Liberal Arts and Sciences

Mission

The mission of the College of Liberal Arts and Sciences is to:

1. Provide an environment for students to develop an awareness of the great issues facing humanity.
2. Encourage students to be imaginative, critical, intellectually curious individuals, who will aspire to lifelong learning.
3. Develop career interests and abilities appropriate to the needs of students.
4. Foster in students communicative and evaluative competencies.
5. Develop self-renewing people in a value-centered interdisciplinary, intercultural, and humanistic context that puts career goals of students into a societal context in ways that will have significant impact on contemporary and future society, and will bring continuing personal satisfaction to them.

Thus students are

- Assisted in effectively relating their learning to the world.
- Helped in establishing an individual identity that is rewarding.
- Prepared to adapt beneficially to change.

In fulfilling its mission, the College of Liberal Arts and Sciences accomplishes several major functions. In conveying what it means to be a scientist—artist—scholar—human being, it offers a wide variety of courses and subjects to the student interested in a liberating education; it provides programs leading to degrees with specialization in over 20 areas of study; and it functions as a service unit for other colleges offering specialized professional curricula. The College confers two degrees, the Bachelor of Arts (which requires a foreign language) and the Bachelor of Science (no foreign language requirement); the degree received depends upon the course of study of the individual student.

As part of a medium-sized university, the College is large enough to provide diversity in curricula while retaining a tradition of individual attention for its students. The faculty of the College consists of a group of carefully selected teacher-scholars interested in students.

Curricula

The College of Liberal Arts and Sciences offers curricula leading to majors in over twenty areas of study. The major consists of not fewer than 24 semester hours of courses taken in one department, or in an approved interdepartmental program, including not fewer than 20 semester hours in courses above the freshman level. All of the departmental and interdepartmental curricula require a nucleus of general education courses in humanities, social sciences, and sciences. Each student in the College must declare a major in one of the following fields: administration of criminal justice (interdepartmental); biochemistry; biology; cell and molecular biology; chemistry; computer science; computer information systems; economics; English; foreign languages (French, German, Spanish); environmental science (with options in biology, chemistry, and physics); history; individualized major program; international studies; mathematics; medical technology (interdepartmental, biology and chemistry); philosophy; physics; political science; psychology; religious studies; social work; sociology.

Secondary Education Curricula

Students who wish to prepare for a teaching career in the secondary schools may fulfill the requirements for a teaching certificate while working on a degree program in the College of Liberal Arts and Sciences. Certification requirements are independent of graduation requirements; students may graduate, as long as they have met the graduation requirements of the University, the College, and their department, without being certified. Requirements for certification are added to those for graduation, but, in most cases, the student may meet certification requirements through planned use of elective hours. Secondary education requirements are outlined in detail in the College of Education and Health Sciences section of this catalog.

Preprofessional Preparation for the Health Professions

The College has long prepared preprofessional students interested in the health professions. For example, the department of biology offers a specific curriculum leading to a preprofessional baccalaureate degree; the departments of chemistry and physics also offer preprofessional curriculum options. However, experience has shown that virtually any

major is acceptable for professional education provided the student is careful to select, as electives, those courses necessary for admission to the professional school of his or her choice. Biology, chemistry, psychology, and physics are appropriate majors, but students majoring in the social sciences or the humanities have also been admitted to medical or dental school. Preprofessional students who prefer to design their own major or to obtain a general background in the College without concentrating their courses in a major, may do so under the liberal arts and sciences individualized major program.

Pre-Law Curriculum

Most American law schools desire their students to have a broad educational background and do not generally recommend any particular undergraduate major. Courses emphasized as effective preparation include those which contribute to organized and precise thought, to the proper use of English, and to an expanded perspective of one's social environment. Of basic importance is the ability to communicate competently in oral and written form; facility in this respect should be cultivated through both appropriate course work and independent effort.

While virtually any major is acceptable, breadth of knowledge is vital. The academic program should, therefore, provide significant coverage of the humanities, social sciences, and physical sciences. In addition, students will further benefit by undertaking, on their own initiative, a reading plan to supplement their formal study.

Pre-law students who prefer to design their own major or to obtain a general background in the College without concentrating their courses in a major, may do so under the liberal arts and sciences individualized major program.

Experiential Learning

The programs of the College provide opportunity for "hands on" learning through cooperative education/internships, practica in clinical settings, work/study opportunities, research participation, and undergraduate assistantships. These experiences link the world of the intellect and the world of work and practical affairs.

Cooperative Education/Internship Program

The College participates with employers in an optional Cooperative Education/Internship Program. Students either alternate periods of full-time study with full-time employment or have part-time employment while attending classes. The program provides academic- or career-related work experiences. To be eligible, the student must have sophomore standing and a 2.0 minimum overall grade point average at Bradley and in the College of Liberal Arts and Sciences.

LAS 301 Cooperative Education/Internship in LAS

0-9 hrs.

Cooperative education or internship experience. May be repeated for a total of 9 hours credit with a combined total of 9 hours available for all Cooperative Education & Internship work assignments. The number of hours awarded for the work assignment will be dependent upon the number of total hours worked during the semester. Pass/Fail. Prerequisites: sophomore standing in the College of Liberal Arts and Sciences, 2.0 Bradley overall grade point average and LAS cumulative grade point average, consent of LAS Co-op and internship coordinator and Co-op and internship faculty advisor.

Graduation Requirements

The College confers two degrees, the Bachelor of Arts (which requires a foreign language) and the Bachelor of Science (see University requirements for the B.S. degree). The requirements for the degrees are outlined below; the degree received depends upon the course of study of the individual student.

Students who maintain continuous enrollment and who complete work toward the baccalaureate degree within five years from the date of entry may graduate under either the catalog in effect at the time of entrance or under the catalog in effect at the time of graduation. A change in major could mean meeting new requirements in force at the time of the change as a condition for acceptance into that major. Students whose work has been interrupted for one or more semesters may be held to requirements in effect at the time of their re-enrollment.

All-University Requirements:

The student must satisfy the general university requirements as to residence, grade point average, and required courses. See "Academic Regulations" for these requirements.

1. Candidates for the Bachelor of Arts degree must present credit for two years of college-level foreign language or its equivalent. The foreign language requirement is outlined in detail under Department of Foreign Languages.
2. Candidates for the Bachelor of Science degree must successfully complete at least 6 hours of courses selected from physical and natural science, mathematics, computer science, or quantitative methods in addition to the hours used to fulfill the University general education requirements. See requirements for the B.S. degree.
3. Transfer students from another institution or from within the University who have successfully completed a minimum of 5 semester hours of English composition shall not be required to take additional hours of composition. CLEP composition credit may substitute for ENG 101, but not for the junior-level composition course.

College Requirements:

In addition to the University requirements, the student must satisfy the following requirements which are concurrent, not cumulative:

1. A minimum of 90 semester hours credit (toward the 124 required for graduation) in courses offered in the College. A **maximum** of 6 hours in art, music, communication (except 103), and theatre may be included in the 90 hours. Likewise, a **maximum** of 6 hours in economics and family and consumer sciences may be included in the 90 hours. Thus, a **maximum** of 12 hours from among certain courses offered outside of the College may be counted toward the 90 hours. CLAS/economics majors may count all of their major hours toward meeting the 90 hour requirement.
2. A minimum of 30 semester hours credit (toward the 40 required for graduation) in courses numbered 300 or above offered by the College.
3. A second course in the human values category of the University general education requirements. Thus each CLAS major must have credit for two human values courses – one in philosophical analysis and the other in literary analysis.
4. All students majoring in CLAS are required to complete a course in Western Civilization and Non-Western Civilization.

Baccalaureate Articulation: Associate in Arts or Associate in Sciences Graduates

A transferring student who has completed an Associate in Arts or an Associate in Science degree in an Illinois public community college may expect to earn a baccalaureate degree from a College of Liberal Arts and Sciences program upon the completion of two additional years of course work (normally 60-64 semester hours) provided that the following qualifications are met:

1. that the transferring student does not change his or her intended major or area of specialization
2. that the College has a program in the transferring student's intended major or area of specialization
3. that the 60-64 semester hours of course work represented in the associate degree include only baccalaureate-oriented, college-level courses which appear in the ICCB master course file.

Major Requirements:

The student must complete a major of not fewer than 24 semester hours in one department or in an approved inter-departmental program, including not fewer than 20 hours in courses numbered 200 or above. Because some curricula require more than these minima and/or collateral work in other subject areas, students are urged to check requirements carefully with advisors for their major programs. The student must have a grade point average **exceeding** 2.0 in all courses numbered 200 or above in the department.

Transfer students who enter the College with 16 or more hours of the major already completed and are candidates for a degree must earn at Bradley at least nine hours in the major field with a grade point average exceeding 2.00. The department or program chair shall have the privilege of waiving some or all of these required nine hours but may not reduce the overall total for the major below 24 hours, 20 of which must be above the freshman level.

Secondary Teacher Preparation:

Students who wish to prepare to teach in the secondary schools may seek to fulfill the requirements for a teaching certificate while they are working for the baccalaureate degree in the College of Liberal Arts and Sciences. Bradley University will recommend students for a teaching certificate if they have obtained their degree at Bradley and have fulfilled the requirements listed in the College of Education and Health Sciences section of this Catalog. Recommendation for a certificate is, however, considered a privilege and **is not automatically granted** simply because a student has fulfilled the technical requirements. The student must also receive approval from the faculty of the field in which he or she plans to teach, the Dean of the College of Liberal Arts and Sciences, the chair of the Department of Teacher Education, and the Dean of the College of Education and Health Sciences.

Certificate requirements are completely independent of graduation requirements. It should be noted that the State, for certification purposes, counts all course work, regardless of level, taken in the academic area. Our requirements for a 24-hour major are thus usually more demanding than the State's, and the student may be able to reach 32 hours by counting all course work in that area.

Secondary education requirements are outlined in greater detail in the section of this catalog under College of Education and Health Sciences.

Global Scholars Program

Academic Mission

The mission of the program is to provide:

- A cross-disciplinary program of undergraduate study designed to offer students a background in global studies. The term "global" means a phenomenon or force that is worldwide in scope. We use the term to include both global systems and the diversity of cultures therein.
- A focus on diversified study within the College of Liberal Arts and Sciences aimed at expanding cross-cultural and global knowledge, buttressed by foreign languages, general education courses, and study abroad.
- A spotlight on global knowledge that is useful for developing information and skills needed to succeed in a competitive job market.

Program Information

The Global Scholars Program provides a unique opportunity for students majoring in the College of Liberal Arts and Sciences to gain substantive exposure to a broad spectrum of global and cultural forces. The required coursework spans several academic disciplines, introducing students to relevant content framed in a global setting. As a broad cross-disciplinary concentration, this program seeks to stimulate students' intellectual involvement in global affairs, and helps those students wishing to pursue future international opportunities.

Students electing to enroll in this program will earn the designation of "Global Scholar" in recognition of their achievement. They may do so within any academic major in the College of Liberal Arts and Sciences. The designation confers:

- Formal acknowledgement by the dean of the college
- Recognition at the college Honors Day Ceremony
- Identification, through an exclusive logo, on the student's resume and Smith Career Center files

Program Requirements

Foreign Languages (0-8 hours)

Students must complete one of the following course sequences: FLF 101 and 102, FLG 101 and 102, FLH 101 and 102, or FLS 101 and 102 (elementary French, German, Hebrew, Spanish or equivalent.) Students with sufficient training in foreign languages may fulfill this requirement by appropriately passing the foreign language placement exam, administered by the Department of Foreign Languages.

Students who complete a university-approved language program abroad will fulfill both the foreign languages and the study abroad requirements.

Global Forces (6 hours)

Two courses from the following; only one can be from student's major:

- BIO 300 Population, Resources and Environment
- CHM 300 Chemistry and Civilization
- GES 300 Oceanography: The Human Perspective
- HIS 339 Women in Global Perspective
- IS 250 Theory and Practice of World Politics
- IS 415 Transnational Forces in World Affairs
- PHL/PLS 308 Modern Political Philosophy
- PLS 205 Introduction to Comparative Politics
- PLS 208 Fundamentals of International Relations
- PLS 317 International Law
- PLS 318 International Organization
- PLS 319 International Political Economy of the Industrialized World
- PSY 406 Issues in Theoretical Psychology: Cross-Cultural Psychology
- RLS 101 Comparative Religion
- RLS 332 Religions of the World

- SOC 300 Cross-Cultural Perspectives on Gender
- SOC 311 Comparative Family Systems
- SOC 326 Sociology of Globalization

Cultures from Around the Globe (6 hours)

Two courses from the following; only one can be from student's major

- ENG 123 European Writers
- ENG 385 Literatures of Europe
- ENG 381 Literatures of Asia
- FLS 325 Introduction to Literature
- FLS 342 Survey of Hispanic-American Literature I
- FLS 343 Survey of Hispanic-American Literature II
- HIS 104 Non-Western Civilization: The Middle East Since Muhammad
- HIS 105 Non-Western Civilization: Latin America
- HIS 336 Early Non-Western History
- HIS 337 Modern Non-Western History
- IS 182 Fundamentals of Contemporary Asian Civilization
- IS 260 Fundamentals of Contemporary Islamic Civilization
- IS 275 Problems of the Developing World
- IS 285 East Asia in the Modern World
- IS 322 Latin America in the International System
- IS 340 Africa in the International System
- IS 363 Middle East Nations in International Affairs
- IS 440 Problems of Southern African Development
- RLS 331 Religions of the Eastern World
- RLS 336 Buddhism and Asian Civilizations
- SOC 301 Peoples & Cultures of the Non-Western World

Study Abroad (3 hours)

Studying abroad gives students a deeper understanding of the institutions, history, and languages of other societies and cultures. Students in the Global Scholars Program must participate in a university-approved study abroad program for a minimum of 3 credit hours. Bradley provides a variety of study abroad options, including programs offered during Bradley's Interim and Summer Sessions as well as during the academic year. Study abroad is available to students throughout their academic career in a wide range of academic disciplines at over twenty academic institutions in eighteen countries.

Participants taking any of their required Global Scholars coursework abroad will receive credit for fulfilling both the course and the study abroad requirement. For specific information concerning the Study Abroad option offered by the Bradley University Study Abroad Program, please visit the Study Abroad Program Web site bradley.edu/academics/abroad/.

Engineering Physics

This intercollegiate program is sponsored jointly by the Department of Physics and the College of Engineering and Technology. Students in this program choose an advisor from a committee of physics and engineering faculty charged with overseeing the program. The degree is con-

ferred through the College of Engineering and Technology. Further details are provided in the College of Engineering and Technology section of this catalog.

Washington Semester

Bradley University has a cooperative arrangement with American University for well-qualified students to study in one of these programs: the Washington Semester in American Politics, the Foreign Policy Semester, the Economic Policy Semester, the Justice Semester, and the Journalism Semester. A package of seminars with public and private officials, internships, research, and coursework provides students with a first-hand view of their area of interest. A full semester of credit is earned through the program.

Interdisciplinary Courses

LAS 101 Arts and Ideas Seminar **1 hr.**

Seminar on selected intellectual and artistic topics which may vary each time course is offered. Topic stated in current Schedule of Classes. May be repeated under a different topic. Maximum of three hours credit may be earned.

SCI 101 Topics in Investigative Science for Educators **4 hrs.** **(Gen. Ed. FS)**

Laboratory-based biological and physical science. Content developed along interdisciplinary themes. Course taught in an inquiry/investigative format and provides an introduction to investigate science applications in Pre K-12 classroom settings. Course may be repeated once under different topic. Prerequisite: 12 hours of college-level courses.

SCI 501 Topics in Investigative Science for Educators **3 hrs.**

Laboratory-based biological and physical science. Content developed along interdisciplinary themes. Course taught in an inquiry/investigative format and includes application to Pre K-12 classroom settings. Course may be repeated under different topic. Credit will not be given for SCI 501 students who have obtained credit for SCI 101 under the same theme. Registration is not open to undergraduate or graduate students enrolled in a natural science degree program. Prerequisite: Concurrent enrollment in ETE 550.