



## University of Minnesota

Serving more than 66,000 students and offering more than 370 degree programs, the University of Minnesota ranks as one of the most comprehensive and impressive public universities in the United States.

Upholding a strong tradition of education and public service, it is both Minnesota's land-grant and primary research university, with nationally and internationally recognized faculty.

The University of Minnesota community comprises a broad mix of ethnic backgrounds, interests, and cultures. Students come from all 50 states and more than 100 foreign countries.

## The Twin Cities

The Minneapolis-St. Paul metro area is consistently ranked among America's livable communities.

A major hub for commerce and industry—especially in computer technology, medical devices, and other high-tech areas—the Twin Cities boasts 20 Fortune 500 companies located minutes from campus offering internship and job opportunities. In addition to its dynamic business community, the region offers a rich and varied calendar of cultural, social, and sports events, four glorious seasons of outdoor recreation, shopping, and restaurants for every taste—all located near campus.

## PARTICIPATING SCHOOLS

MINNESOTA	Augsburg College Bethany Lutheran College Bethel University College of Saint Benedict University of St. Catherine College of St. Scholastica Concordia College (Moorhead) Gustavus Adolphus College Hamline University Macalester College Minnesota State University Moorhead Northwestern College Saint John's University Saint Mary's University of Minnesota St. Olaf College University of Minnesota–Morris University of St. Thomas
ARKANSAS	Lyon College
CALIFORNIA	Westmont College Whittier College
ILLINOIS	North Central College North Park College Principia College Wheaton College
INDIANA	Earlham College
IOWA	Cornell College Luther College Morningside College Simpson College
MANITOBA	Brandon University University of Winnipeg
MISSISSIPPI	Jackson State University
MONTANA	Carroll College
NEBRASKA	Doane College
NORTH DAKOTA	University of Mary
SOUTH DAKOTA	Augustana College
WISCONSIN	Carthage College Lawrence University University of Wisconsin–Eau Claire (physics, geology, and computer science only) University of Wisconsin–La Crosse University of Wisconsin–Oshkosh University of Wisconsin–River Falls



COLLEGE OF  
Science & Engineering

UNIVERSITY OF MINNESOTA

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

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COLLEGE OF  
Science & Engineering



# DUAL DEGREE PROGRAM



UNIVERSITY OF MINNESOTA  
Driven to Discover<sup>SM</sup>

The dual degree program combines the richness of a traditional liberal arts education with study in engineering. As a dual degree student you'll receive an education that's remarkable for its depth and breadth—a renaissance education for tomorrow's world.



## The Dual Degree Program

Earn a bachelor of arts degree from a participating college or university and a bachelor of engineering degree or master of science degree in engineering from the University of Minnesota.

Students in the dual degree program may choose from the following engineering disciplines:

- aerospace engineering and mechanics
- biomedical engineering
- bioproducts and biosystems engineering
- chemical engineering
- civil engineering
- computer engineering
- electrical engineering
- geological engineering
- materials science and engineering
- mechanical engineering

Deciding whether to pursue the bachelor's degree track (Plan I) or the master's degree track (Plan II) depends on your personal goals. Your choice of engineering field also will determine which degree track is best for you. Professional certification—required for certain types of engineering practice and professionally desirable for others—is another important consideration.

## How the Program Works

**Plan I: B.A./B.S. (Approximately Five Years):** Complete three years of study—including a comprehensive program of liberal education requirements and the requisite pre-engineering courses in math and science—at a four-year college, then transfer to the College of Science and Engineering (CSE). Taking one or more courses in the summer can minimize the length of time required to finish the engineering degree.

You may also complete a four-year degree at your first college before transferring to CSE to complete the bachelor of engineering degree.

**Plan II: B.A./M.S. (Six Years):** Earn a master of science degree in engineering at the University after completing a bachelor's degree in mathematics or science at a participating college. Although this process typically

involves completing some undergraduate engineering courses at the University, the total number of courses varies by department and specialty area. Students usually can complete the master's degree in two years.

Students in both plans complete the same pre-engineering courses. Plan II students also take additional courses that will prepare them for graduate work in their chosen field, and they may also wish to take relevant College of Continuing Education courses.

The University's liberal education requirements are satisfied by the completed requirements of the first college.

## Admission

To learn more about CSE's dual degree program, contact your pre-engineering advisor for detailed information about program requirements and the application process. You don't need to select one of the degree plans until you formally apply to CSE or the Graduate School.

**Plan I:** To pursue Plan I, you should apply for admission to CSE during your junior year. If you complete the required course work with a cumulative technical grade point average of 2.8 or higher, you will be considered for admission to the program. Admission to some majors (biomedical, chemical, and mechanical engineering) may be competitive and require a higher tech-

### A TRADITION OF EXCELLENCE

*The College of Science and Engineering (CSE) is a world-renowned research institution making breakthroughs in areas such as medical devices and health care, energy and the environment, nanotechnology, and more. CSE programs consistently appear among the top 20 in national rankings by U.S. News & World Report, the Princeton Review, and the National Research Council. Our 400 tenured and tenure-track faculty members include six Regents Professors, two members of the National Academy of Sciences, and 11 National Academy of Engineering members. Leaders in their fields, they foster an atmosphere of creativity and commitment in both education and research.*

nical GPA. The application deadline is March 1 for fall semester and October 15 for spring semester; however, you should apply earlier if you wish to receive priority consideration for financial aid. Contact your advisor for application forms and further details.

**Plan II:** To pursue Plan II, apply for admission to the Graduate School during your senior year. The application deadline is April 1, but you should apply between November and January if you wish to receive priority consideration for financial aid.

Because admission requirements vary among engineering programs, applicants to Plan II cannot be guaranteed admission to the University. You're invited to discuss your admission prospects with an advisor in CSE Academic Advising.

## The Student Experience

As a dual degree student in CSE, you'll have the opportunity to be part of a distinctive undergraduate experience that offers exceptional opportunities to learn on campus, in the community, and in the world. Our faculty, research associates, and students are applying science and engineering to solve some of the world's most pressing problems in healthcare, energy, and the environment.

You may participate in programs that enrich the undergraduate experience, including research, diversity initiatives, and learning abroad opportunities in more than 50 international destinations. A rich mix of campus activities and student organizations will enhance your education and promote friendships.

CSE offers lifelong career services support, including comprehensive career planning and job search assistance.

## For More Information

**Dual Degree Program**  
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