

Civil Engineering, BSE

Engineering Student Services for information about applying to the combined program.

Combined Programs

BSE/MS in Civil and Environmental Engineering

The College of Engineering offers the combined Bachelor of Science in Engineering/Master of Science program for civil engineering undergraduate students who intend to earn an MS in civil and environmental engineering. BSE/MS students may attend the departmental graduate seminar and work on a master's thesis or research project while they are still undergraduates. They may count a limited amount of coursework toward both degrees. Once students complete the requirements for the bachelor's degree, they are granted the BSE, and they are expected to complete the MS one year later.

To be admitted to the degree program, students must have completed at least 80 s.h. and have a cumulative grade-point average (GPA) of at least 3.25. They must submit an application form to the Department of Civil and Environmental Engineering, along with a letter stating their proposed area of specialization and the name of a department faculty member willing to be their primary MS advisor. Graduate Record Examination (GRE) General Test scores are not required for the degree program.

Applications are due by May 15.

BSE/MS in Urban and Regional Planning

The College of Engineering and the School of Planning and Public Affairs offer the combined Bachelor of Science in Engineering/Master of Science in urban and regional planning. The program, which is completed in five years, is designed for students who wish to pursue a public or private sector career in planning, a field that encompasses the development of alternatives to improve the quality of life in cities and regions.

Graduates are technically oriented professionals who have a clear understanding of policy development and implementation, which they apply to civil and industrial engineering problems. They fill positions such as public works director, transportation engineer, and public utilities staff member.

Each student in the combined program has two advisors, one in civil engineering and one in planning and public affairs. Students enroll in the College of Engineering for their first four years in the program and in the Graduate College for their fifth year. They follow the standard curriculum of their BSE program during the first two years and begin adding courses from the planning and public affairs program during the third year. Successful students receive a BSE at the end of the fourth year and an MS in urban and regional planning at the end of the fifth year.

Students in the combined program must maintain a cumulative GPA of at least 3.00 in order to graduate with an MS in urban and regional planning.

For more information, see the MS in urban and regional planning (Graduate College) in the catalog. Contact