

# DUAL SEAS BACHELOR OF SCIENCE MAJORS AND MASTER OF SCIENCE IN THE FIELD OF ENGINEERING MANAGEMENT

The School of Engineering and Applied Science (SEAS) offers a dual bachelor of science in a SEAS major (<https://bulletin.gwu.edu/engineering-applied-science/#undergraduatetext>) and master of science in engineering management (<https://bulletin.gwu.edu/engineering-applied-science/engineering-management-systems-engineering/engineering-management-ms/>) degree. The dual program allows students to take a specified number of graduate credits as part of their undergraduate degree, thereby decreasing the number of credits normally required for the master's. All requirements for both degrees must be fulfilled.

The following bachelor of science majors are eligible for this program:

- Biomedical engineering
- Civil engineering
- Civil engineering, option in environment engineering, medical preparation, civil engineering, or transportation and sustainability
- Computer science
- Computer engineering
- Electrical engineering
- Electrical engineering, option in energy or medical preparation
- Mechanical engineering
- Mechanical engineering, option in aerospace, biomechanical, medical preparation, patent law, or robotics
- Systems engineering

9 graduate credits (three courses) may be shared between the two degrees; all three courses must be taken at the 6000 level. For students pursuing a BS in systems engineering, the three courses must be taken in the Department of Engineering Management and Systems Engineering (EMSE). For students pursuing a BS in a field other than systems engineering, two of the three courses may be taken in their home department; the third course must be EMSE 6820 Program and Project Management

To participate in the master's component of the dual degree program, students must have an overall GPA of 3.0 at the time of graduation from the bachelor's program.