

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

The School of Engineering and Applied Science (SEAS) offers a dual bachelor of science in a SEAS major (<http://bulletin.gwu.edu/engineering-applied-science/#undergraduatetext>) and on-campus master of science in systems engineering (<http://bulletin.gwu.edu/engineering-applied-science/engineering-management-systems-engineering/systems-engineering-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, environment engineering, medical preparation, civil engineering, or transportation and sustainability option
- Computer science
- Computer engineering
- Electrical engineering
- Electrical engineering, energy or medical preparation option
- Mechanical engineering
- Mechanical engineering, aerospace, biomechanical, medical preparation, patent law, or robotics option
- 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

Students must have a 3.4 technical GPA at the time of graduation from the bachelor's program to continue to the master's as part of the dual program.