DUAL BACHELOR OF SCIENCE WITH A MAJOR IN MECHANICAL ENGINEERING AND MASTER OF SCIENCE IN THE FIELD OF MECHANICAL ENGINEERING

The dual bachelor of science with a major in mechanical engineering and master of science in the field of mechanical engineering degree program (BS/MS) is offered by the School of Engineering and Applied Science’s Department of Mechanical and Aerospace Engineering (http://www.mae.seas.gwu.edu).

REQUIREMENTS

Five-Year BS/MS Degree Program

The MAE Department offers a five-year dual degree program for the BS and MS in mechanical engineering. The five-year program differs from the standard BS in mechanical engineering in that:

1. In the seventh and eight semesters, three 3-credit courses are taken at the graduate level. Two of these courses must complete the requirements of the four-year bachelor of science curriculum as the required courses or technical electives. One of these 3-credit courses is in excess of the requirements of the four-year bachelor of science curriculum.

2. In the ninth and tenth semesters, students take eight 3-credit courses at the graduate level. Alternatively, in the ninth and subsequent semesters (probably extending beyond a total of five years) students take a total of five 3-credit courses and a master’s thesis (6 credits).

3. Courses taken as part of items 1 and 2 above must satisfy the requirements of the master of science degree and be chosen with approval from their advisor.

Students must have a 3.4 GPA at the end of the sixth semester to be admitted to the program and must satisfy all requirements for graduation with a bachelor’s degree at the end of the eighth semester to continue in it. All requirements for master's degree students are in effect for the graduate portion of the program. Students apply through the normal GW MAE MS application process during the seventh semester.