BACHELOR OF SCIENCE WITH A MAJOR IN ELECTRICAL ENGINEERING, ENERGY OPTION

The bachelor of science with a major in electrical engineering, energy option prepares students to work in technical energy fields such as electric utility companies and in research into improved methods of generation, transmission, and distribution of electrical energy.

Bachelor of Science With a Second Major in Electrical Engineering

Any undergraduate student who is enrolled at GW may declare a second major in electrical engineering only if their primary degree is a bachelor of science. The student must meet the degree requirements for bachelor of science in electrical engineering, including SEAS general, major, technical electives, humanities/social science, and SEAS/technical GPA requirements. Students earning other bachelor degrees (e.g., BA, BBA, BFA) must complete a double degree (http://bulletin.gwu.edu/university-regulations/#DDegrees).

Graduation grade-point average criteria:
To satisfactorily complete a second major in electrical engineering, a student must have a minimum grade-point average of 2.2 in all technical engineering courses outlined in the fifth, sixth, seventh, and eighth semesters of the curriculum.

Visit the program website (http://www.ece.seas.gwu.edu/bachelor-science-electrical-engineering) for additional information.

REQUIREMENTS

Additional graduation requirements that all electrical engineering--energy option majors must fulfill:

A total of 131 credits hours outlined below.

A minimum technical GPA of 2.20 and SEAS GPA of 2.00. A student’s technical GPA is calculated using all technical engineering courses outlined in the fifth, sixth, seventh, and eighth semesters of curriculum.

Recommended program of study

The plan of study lists all course requirements in sequence for the degree. Students should review this information carefully and consult their advisor before changing the sequence of any courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHEM 1111</td>
<td>General Chemistry I</td>
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</tr>
<tr>
<td>ECE 1010</td>
<td>Introduction to Electrical and Computer Engineering I</td>
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All courses selected to satisfy this requirement must be taken for a minimum of 3 credits.

Three 3-credit technical elective courses must be selected with the approval of the advisor from upper-division undergraduate (2000 to 4000 level) or graduate courses in engineering, computer science, mathematics, physical sciences, or biological sciences. Exceptions must be approved by the advisor.