# Bachelor of Science in Electrical Engineering

## Suggested 2 Year Transfer Program of Study

**Degree Requirements**

- Credits: 180
- Credits in major: 135
- GPA cumulative minimum: 2.5
- GPA major minimum: 2.5

## Curriculum Notes

- ECEGR elective total 20 credits. A list of allowable electives can be found in the Electrical and Computer Engineering Student Handbook.
- 92 credits as shown

The example below assumes that you have completed the following prerequisites.

- Enter Seattle University with junior standing (90 credits)
- Have earned a transferable associate’s degree
- A full year each of calculus and calc based physics, one quarter each multivariable calculus, linear algebra, differential equations and circuits, Sci/Eng elective and two quarters computer programming

Students with AST may have additional core requirements depending on community college coursework.

Your personal program of study may vary from this due to prior educational experience or individual goals.

- Indicates prerequisite required for course
- Indicates co-requisite required for course

For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.

## Core Module I Requirements

- UCOR 2100 Theological Explorations
- UCOR 2500 Philosophy of the Human Person
- UCOR 2900-2940 Ethical Reasoning

## Core Module II Requirements

- UCOR 3600 Soc Sci Global Challenge - Sat in major

## Core Module III Requirements

- UCOR 2XXX
- ECEGR 3000 - Introduction to MATLAB
- UCOR 2XXX

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### Fall

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<th>COURSE</th>
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<td>ECEGR 3110 – Electrical Circuits II</td>
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<td>ECEGR 3120 – Semic. Dev. and Circuits</td>
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<td>ECEGR 3111 – Lab I: Circuits</td>
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<td>ECEGR 3121 – Lab II: Electronics</td>
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<td>ECEGR 1200 – Digital Operations</td>
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<td>ECEGR 2210 – Programmable Devices</td>
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<td>ECEGR 2010 – Computer Tools</td>
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<td>ECEGR 3500 – Electrical Energy Syst.</td>
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<td>MATH 2310 – Probability and Statistics</td>
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**Science and Engineering Advising Center**

206.296.2500, Engineering 300

8:30am – 4:30pm Monday - Friday

http://www.seattleu.edu/scieng/advising/

Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 10-4-2019