The ECE Department offers a PhD in Electrical Engineering.

The following table is an outline of the program of study requirements. Students should consult their dissertation advisor and supervisory committee to develop their program of study.

**Program of Study**

**EE Major**
Select a minimum of 18 semester hours of approved related coursework in Electrical Engineering  

**Math Minor**
Select one of the following options:

- **Option 1:** Select 12 semester hours in approved graduate level mathematics courses  
- **Option 2:** Select 6 or 9 semester hours in approved graduate level mathematics courses and one of the following approved two-course sequences

Select one of the following approved two course sequences:

- **EE 629 & EE 630:** ANAL & COMP METH IN ELEC ENG I and ANAL & COMP METHODS ELEC EG II
- **PH 607 & PH 609:** MATHEMATICAL METHODS I and MATHEMATICAL METHODS II

**Engineering or Computer Science Area of Specialization Minor**
Select a minor consisting of 12 semester hours of approved coursework in engineering or computer science  

**Supporting Coursework and Dissertation Semester Hours**
Select 6 additional semester hours of approved graduate level ECE coursework

Complete a dissertation

Dissertation research  

**Total Semester Hours**

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<th>Program of Study</th>
<th>Semester Hours</th>
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<td>Engineering or Computer Science Area of Specialization Minor</td>
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