



Name: _____

ID: _____

Catalog Rights: 2014-2017

Program Options: **Thesis** (*min. total 30 credit hrs.; requires 6 hours of EEC 699*) **Non-thesis** (*min. total 32 credit hrs.*)

Preparatory Program:

Graduate students who do not have an undergraduate degree in Electrical Engineering or Computer Engineering must complete the following courses with a grade of B or better. This program is intended to prepare students for graduate courses in electrical engineering. Students who previously earned a grade of B or better in an equivalent course can have the corresponding requirements waived with prior authorization by the program.

| | Credits | Waived | Required | Grade | Completion | |
|--|---------|--------------------------|--------------------------|-------|------------|------|
| | | | | | Term | Year |
| ESC 250 Differential Equations For Engineers | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 310 Electric Circuits I | 4 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 311 Electric Circuits II | 4 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 313 Electronics I | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 383 Digital Systems | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 440 Control Systems | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 450 Communications | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 470 Power Electronics I | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| EEC 487 Advanced Digital Systems | 3 | <input type="checkbox"/> | <input type="checkbox"/> | | | |

Area of Specialization

- Communications**
Core Courses:
EEC 512 and EEC 651
- Computer**
Core Courses:
EEC 581 and EEC 584
- Controls**
Core Courses:
EEC 510 and
EEC 512
- Nano-biotechnology**
Core Courses:
EEC 514 and EEC 515
- Power**
Core Courses:
EEC 571 and
EEC 574

Core Requirements

| Course Number and Name | Credits | 600-Level? | Grade | Completion | |
|------------------------|---------|--------------------------|-------|------------|------|
| | | | | Term | Year |
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |

Elective Requirements

| | | | | | |
|-------|-------|--------------------------|--|--|--|
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |
| _____ | _____ | <input type="checkbox"/> | | | |

Total Required Hours: _____
Total Hours Completed: _____
Total Hours Remaining: _____
Cumulative GPA: _____

Student Signature: _____ **Date:** _____
Advisor Signature: _____ **Date:** _____



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Total Specialization courses (must be 4 or more): _____

Total EEC 600-level course credits (8 or more for thesis option, 12 or more for non-thesis option): _____

Advisor Notes:

Requirements and Regulations:

- Total Credits required: 30 credits for Thesis option; 32 credits for Non-thesis option
- The Internship option is available to students in both the Thesis and Non-Thesis options
- Internship option: Required EEC 602 credits are in addition to the standard 30 or 32 credit hour requirement
- EEC 601 (Graduate Seminar) and 400-level courses are not eligible for credit toward the MSEE degree
- Optional Dismissal: One grade of F, or two grades less than B
- Mandatory Dismissal: Two grades of F regardless of GPA; or 9 hours of B- or lower grades with a cumulative GPA below 3.00
- Courses from outside the department must be approved by the advisor before course is taken

Student Signature: _____ Date: _____

Advisor Signature: _____ Date: _____

Advisor Print Name: _____