

# Plan of Study / Check Sheet - MSEE



Name: \_\_\_\_\_ ID: \_\_\_\_\_ Catalog Rights: 2020 – \_\_\_\_\_

- Program Options:**
- Thesis** (minimum total 30 credit hrs.; requires 6 hours of EEC 699)
  - Course Only** (minimum total 32 credit hrs.)
  - Project** (minimum total 30 credit hrs.; requires 4 hours of EEC 698)

**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 course only and project options): \_\_\_\_\_

### 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: \_\_\_\_\_