

## Electrical and Computer Engineering Requirement Checklist for MS & PhD Degree

Last Name _____	First Name _____
Entered _____	Student ID# _____
Advisor _____	Degree Objective _____
E-mail _____	

**Core Area Courses (All units from one of the following sequences)**

- Photonics and Electronic Devices (ECE: 201, 204, 205, 207, 221, 222, 224, 225, 226, 227, 228, 229, 230, 231, 232, 236, 237, CHEM 261, PHYS 212)*
- Signals, Image Processing, and Communications (ECE: 237, 241, 250, 251, 252, 253, 254, 255, 256, CSE 276, CSE 277)*
- Electronic Circuits and Energy Systems (ECE: 221, 222, 226, 227, 241, 250, 251, 273, 279, 293 - Electric Motor Drives, 293 - Advanced Machines and Drives)*
- Robotics, Control, and Cyber-Physical Systems (ECE: 215, 216, 218, 240, 241, 242, 243, 244, 245, 246, 249, 279, 280C, AM: 214, 216, 229, 230, 231, 232, 238)*

**MS – Thesis (45 Units):  
Core Area Courses (15 Units)**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____

**Other Courses for Degree**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ECE 290/291    \_\_\_/\_\_\_

**Independent Study  
(ECE 297 or ECE 299)**

Qtr \_\_\_\_\_ Qtr \_\_\_\_\_

**MS – Project (45 Units):  
Core Area Courses (15 Units)**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____

**Other Courses for Degree**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ECE 290/291    \_\_\_/\_\_\_

**MS Project Course (ECE 296)**

Qtr \_\_\_\_\_

**MS – Exam (45 Units):  
Core Area Courses (15 units)**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____

**Other Courses for Degree**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ECE 290/291    \_\_\_/\_\_\_

**Comprehensive Exam**

Core Area: \_\_\_\_\_

Passed  Qtr \_\_\_\_\_

Not Passed  Qtr \_\_\_\_\_

**PhD (55 Units):  
Core Area Courses (20 Units)**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____

**Other Courses for Degree**

Course	Qtr Passed
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ECE 290/291    \_\_\_/\_\_\_

**Independent Study  
(ECE 297 or ECE 299)**

Qtr \_\_\_\_\_ Qtr \_\_\_\_\_

**Preliminary Exam (PhD):**    Passed     Not Passed     Date \_\_\_\_\_

**Advanced (PhD):**    Date \_\_\_\_\_

Incompletes Pending Course	Qtr	Courses Failed Course	Qtr	Other Courses Course	Qtr
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____