



WPI

Department of Electrical and
Computer Engineering

Master of Science Plan of Study Form

Student ID Number _____ BS/MS _____ Full Time _____ Part Time _____
(check one)

Student Name: _____
(last) (first) (middle)

Address (home): _____
City _____ State _____ Zip _____

Work Phone: (____) _____ Home or cell # (____) _____ Email _____

Specialization: _____ (see back page for available ECE programs)

*Required 21 credits of WPI ECE graduate courses, including thesis and directed research;
not including transfer credits (see back for expected core courses)*

Course No.	Course Title	Term/Year	Grade	Credits
ECE				
ECE				
ECE				
ECE				
ECE				
ECE				
ECE				

*Required 9 credits from 4000-level (maximum of two) or 500-level courses
from ECE, computer science, physics, other engineering, or mathematics*

Course No.	Course Title	Term/Year	Grade	Credits

Required graduate seminar courses (two courses for full-time regular MS, one course for full-time BS/MS)

Course No.	Course Title	Term/Year	Grade	Credits
ECE 596 ____	Graduate Seminar (full time students only)			
ECE 596 ____	Graduate Seminar (full time students only)			

Transfer Courses / Extra courses (does not count towards M.S. degree requirements)

Course No.	Course Title	Term/Year	Grade	Credits

Approvals: (all three signatures are required for initial approval; all approvals are subject to confirmation by the Registrar)

Advisor _____

Date _____

Grad Coord. _____

Date _____

Dept. Head _____

Date _____

INSTRUCTIONS:

1. The POS form must be completed during the first term of study as a matriculated student.
2. Complete this form and return it to the ECE Department (you can also email it as an attachment to Colleen Sweeney at sweeney@wpi.edu or fax it to the department 508-831-5491).
3. Refer to the graduate catalog for a complete discussion of degree requirements.
4. Full time students are required to attend and pass two graduate seminar courses (ECE596A/B).
5. Students seeking the CCN degree designation must complete a 6 credit hour internship, thesis or directed research project. See the department graduate coordinator for further information and placement.
6. Your program of study (POS) may be changed at any time with the approval of your advisor, assuming that all degree requirements are met. Any exceptions should be petitioned to the Graduate Program Committee for approval.

SPECIAL NOTE:

The ECE Graduate Program Committee has endorsed the list of "expected courses" for each degree program shown below. Students planning on a course of study for a specific ECE specialization will be expected to take the courses listed below under "expected courses" as part of their program of study. Students who believe that they have the equivalent background should talk to their academic advisor to determine if they one or more of the "expected courses" can be waived.

Students electing the CCN Degree Specialization should consult the Graduate Catalog for degree information. The CCN area shown below is for students seeking a specialization in CCN but who do not desire to complete a thesis, directed research project or internship.

WPI's MS program requires that students must have at least **21 credit hours taken in ECE at WPI**. WPI will allow you to petition to transfer up to 9 credits from another institution as long as the course or courses being transferred are comparable to the courses taught at WPI and that you received a grade of B or better.

	EM & US	Comm & Sigs	Analog	Comp Eng	Power	CCN	Security	Biomed
Expected Courses	ECE 502 ECE 504 ECE 512	ECE 502 ECE 503 ECE 504	ECE 502 ECE 504	ECE 502 ECE 504 ECE 505	ECE 502 ECE 504	ECE 502 ECE 506	ECE 502 ECE 503 ECE 578 ECE 579S	ECE 502 ECE 503
Suggested Courses in Specialization	ECE 503 ECE 506 ECE 514 ECE 524 ECE 538 ECE539A ECE 630	ECE 506 ECE 531 ECE 5311 ECE 538 ECE 539A ECE 545 ECE 581 ECE 630	ECE 503 ECE 523 ECE 524 ECE 529B ECE 529C ECE 569A	ECE 503 ECE 506 ECE 530 ECE 539A ECE 566 ECE 572 ECE 574 ECE 578 ECE 579S	ECE 511 ECE 523 ECE 559A ECE 559B ECE 559C	ECE 508 ECE 530 ECE 537 ECE 538 ECE 539S ECE 575 ECE 578 ECE 579R ECE 579S ECE 581 CS 509 CS 535	ECE 505 ECE 506 ECE 572 ECE 579W ECE 673 ECE 5311	Signals Track: ECE: 443X, 512, 531, 539C, 545, 630 BME: 541, 585, 560, 562 Instrument Track: ECE 504, 524, 529B, 529C BME: 523, 581, 560, 562

**Students starting graduate classes who are not confident in their mathematical abilities and students looking to refresh their mathematical background at the graduate level should consider taking the course, MA 501 - ENGINEERING MATHEMATICS. This course covers a wealth of mathematical material appropriate to the ECE Graduate Program, and upon successful completion, will provide a firm foundation for any following ECE graduate course.*