

Masters in EECE Info for undergrads

ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT

MS Degree Options

Three options: 30 advisor approved credits, at least 18 at graduate level

- Thesis Option (Thesis Research) - Choose advisor in area of study
- Report Option (Project Research) - Choose advisor in area of study
- Course-work only Option - advisor Dr. John Pakkala, jepakkal@mtu.edu

Read details [here](#), on the EECE Master's degree options

Students must meet requirements of the Graduate School for degree completion

MS-ECE Funding possibilities

The earlier you apply, the better the chance of funding.

- Graduate Teaching Assistant position (TA)
- Graduate Research Assistant position (RA)
- Preference to Lab TA positions goes to students who have previously taken the lab

the Accelerated Master's in ECE

- 3.25 minimum cumulative GPA required at time of application to the program and at undergraduate graduation
- 30 credits advisor-approved
- 6 credits of the bachelor's degree will double-count toward the MS-ECE (built-in)
- 24 credits remain to be completed at time of undergraduate graduation
- Apply after reaching JR class standing
- Double-counted UG credits do not apply to the GR gpa calculation

the Senior Rule

The Senior Rule Form

- Taking an extra course or two, while still in undergraduate program
- Starts a graduate level transcript
- Senior Rule course(s) cannot be applied to the B.S.
- Not the same as “accelerated masters”, but students may do both

Examples

- One senior rule course, 3 cr will be on grad level transcript
- Two senior rule courses, 6 cr will be on the grad level transcript
- Two senior rule course (6 cr) plus accelerated MS program (6 cr), 12 cr. will be applied to the MS

Application for MS-EECE

applies to both the Accelerated Master's and the regular master's degrees

Application dates for:

Apply earlier for the
Accelerated Masters

- Fall semester: February 15th
- Spring semester: August 15th
- Summer semester: Contact the Graduate Program Advisor

Apply at [the Graduate School Admissions web application.](#)

Explore courses and areas of study

Resources:

- EECE [recommended course sequences](#)
- [Graduate course catalog](#)
- [ECE Faculty](#) – access webpages, explore areas of specialization
- [Advising](#) pages

Why Grad School?

- Become an expert in an area of specialization
- Higher starting salary ~\$400,000 career earnings more
- More future promotion opportunities throughout career
- Leads to PhD

Advising contacts

Undergraduate advisors:

- Liz Fujita – Computer Engineers, liz@mtu.edu
- Judy Burl – Electrical Engineers, Robotics Engineers, jmburl@mtu.edu

Graduate program advising:

- Dr. Paul Bergstrom – Director of Graduate Programs (EERC 630)
- Sarah Oberloier – Graduate Programs Coordinator (EERC 121)
- Dr. John Pakkala (EERC 824) – Graduate Academic Advisor