



Hello, and congratulations on your acceptance to the Master of Science in Semiconductor Engineering at Northeastern University on the Oakland campus! We are looking forward to having you join us.

As an incoming Fall 2026 student, there are some steps that you need to take before the semester starts. Please read this document thoroughly as it contains helpful information and can answer many of your questions before you begin your first semester. If you have any questions, please contact Graduate Advising at [coe-gadadvising@northeastern.edu](mailto:coe-gadadvising@northeastern.edu)

### **Step 1: Confirm your Enrollment**

Please confirm your enrollment at Northeastern University, as you will not be able to register for classes until you complete this step. To confirm your enrollment, log into your [electronic application account](#) and pay the enrollment deposit. If you have any questions, please contact Graduate Admissions at [coe-gradadmissions@northeastern.edu](mailto:coe-gradadmissions@northeastern.edu). Check your SPAM for a response.

### **Step 2: Know your faculty and administrative advisors**

As a student in the MS Semiconductor Engineering program, you have a team of faculty and staff to assist you in your academic career at the Graduate School of Engineering. You will meet these faculty and staff members during your orientation and have the opportunity to ask them any questions you might have.

Electrical & Computer Engineering Department:

- **Dr. Marvin Onabajo** ([m.onabajo@northeastern.edu](mailto:m.onabajo@northeastern.edu))  
Professor
- **Dr. Siddhartha Ghosh** ([s.ghosh@northeastern.edu](mailto:s.ghosh@northeastern.edu))  
Assistant Professor
- **Dr. Matteo Rinaldi** ([m.rinaldi@northeastern.edu](mailto:m.rinaldi@northeastern.edu))  
Professor and Director for Institute for NanoSystems Innovation
- **Dr. David Horsley** ([d.horsley@northeastern.edu](mailto:d.horsley@northeastern.edu))  
Professor and Deputy Director for Institute for NanoSystems Innovation
- **Peter Krafka** ([p.krafka@northeastern.edu](mailto:p.krafka@northeastern.edu))  
Assistant Director of Academic Programs

Mechanical & Industrial Engineering Department:

- **Yongmin Liu** ([y.liu@northeastern.edu](mailto:y.liu@northeastern.edu))

[COE Graduate Advising Team](#)

## [Co-op Team](#)

### **Step 3: Course Registration**

We strongly advise that incoming full-time students register for *only two courses*, and that incoming part-time students register for *only one course*.

We have provided our course recommendations to you below, listed according to your concentration and in order of preference. As these are recommendations, students can take courses in any order or other courses to fulfill their degree requirements. All courses listed include the CRN (Course Reference Number) that you should use in order to select the correct course.

For your first semester, as a ***Devices and Nanosystems Concentration*** student, we encourage you to register in at least one of the following:

#### **Core:**

- EECE 5649 Design of Analog Integrated Circuits with Complementary Metal-Oxide-Semiconductor Technology (CRN: 22178)

And/or your choice of **Concentration Courses:**

- EECE 5161 Thin Film Technologies (CRN: 21316)

And/or your choice of **Restricted Electives:**

- EECE 5652 Microwave Circuits and Systems (CRN: 22177)

For your first semester, as a ***Materials & Manufacturing Concentration*** student, we encourage you to register for at least one of the following:

- ME 5630 Nano- and Microscale Manufacturing
- MATL 7365 Properties and Processing of Electronic Materials

And/or your choice of **Concentration Courses:**

- ME 5620 Fundamentals of Advanced Materials

## **Frequently Asked Questions**

### **How do I get a me.Northeastern account?**

After you confirm your enrollment, you will be able to log in to your me.Northeastern portal. If you have not set up your me.Northeastern account, log in to your [electronic application account](#) and look for instructions to do so.

### **How do I register for classes?**

Visit the Registrar Office [Registration Experience](#) page to learn how to search and register for courses using your me.Northeastern account. The online registration system will allow you to add or drop courses. The deadline to add a class can be found through the [University's](#)

[Academic Calendar](#). If you have any questions about course registration, please email your College of Engineering Academic Advisor ([coe-gradadvising@northeastern.edu](mailto:coe-gradadvising@northeastern.edu)).

### **What if I change my mind about a class?**

You can use the online registration system to drop any course. The deadline can be found on the [University's Academic Calendar](#).

### **Can I sign up for the V35 online section of a course?**

V35 (online) sections are reserved for part-time students. Full-time students cannot enroll in these sections.

### **I received a “Prerequisite and Test Score” error, but I have already taken the prerequisite course at another institution.**

Northeastern's system does not automatically recognize courses from other institutions. You will need to submit a [Registration Override Request](#) attaching verification that you have met the prerequisite requirements for the course.

### **Do I need to attend both the Graduate School of Engineering General Orientation and Program Orientation? What is the difference between these two orientations?**

Yes! Please make sure to attend both the Graduate School of Engineering General Orientation and the MS Semiconductor Program Orientation sessions. These are two entirely different orientations and will provide you with very useful information that you need to have in order to perform well throughout your program. These sessions will provide you with an opportunity to ask questions and meet with your academic and co-op advisors and some of your fellow future classmates!

### **Do I need to register for the Introduction to Cooperative Education course?**

Please note that registration for the Co-op course is not required. This course is one of the requirements to become eligible for Co-op Experience. Students interested in participating in a Co-op should plan to register for this course either in their first or second semester. You will have the opportunity to meet with a Co-op Advisor during your Program Orientation.

### **What should I do if my course is full?**

Enrollments are always shifting as students get co-ops or change their course registrations. If a seat isn't available in your preferred class right away, you can add yourself to the [course waitlist](#) using the online registration system.

### **Will I get a bill by registering for courses?**

Yes, your first e-bill is generated when you register for your courses. You will receive an e-bill from the University with instructions on how to pay the e-bill. If you have questions about payment, please refer to the [Billing & Payments](#) webpage of the Student Financial Services office.

### **What if I have questions regarding choosing courses or course registration?**

You will have the opportunity to have your questions answered during or after your department orientation.

**What if I have another question that is not answered here?**

Please contact the below contact based on your concentration or save any additional questions for the Graduate School of Engineering General Orientation and Program Orientation sessions.

ECE – Peter Krafa ([p.krafka@northeastern.edu](mailto:p.krafka@northeastern.edu))

MIE – Yongmin Liu ([y.liu@northeastern.edu](mailto:y.liu@northeastern.edu))

We look forward to welcoming you to the Graduate School of Engineering!