

## Registration Guidance for Students Entering PhD Program in Fall 2026:

Congratulations on your acceptance to the Chemical Engineering program at Northeastern University!

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

To be able to register for classes, admitted students need to first confirm their enrollment and pay their enrollment deposit. Students may do so by logging into their [application portal](#).

Please register as soon as you can to ensure you have a spot in the courses you need. For guidance, please watch the following webinars for instructions on how to register using your [MyNortheastern Student Hub account](#):

- Course Search Webinar: [Schedule of Classes - Office of the University Registrar Knowledge Base \(northeastern.edu\)](#)
- Course Add/Drop Webinar: [Registering for Classes - Office of the University Registrar Knowledge Base \(northeastern.edu\)](#)

### **What courses should I register for?**

- There are four core courses in Chemical Engineering: Mathematics, Thermodynamics, Kinetics, and Transport. All PhD students are expected to complete these four courses within their first year. When planning your schedule, please note that Mathematics and Thermodynamics are offered only in the Fall, while Kinetics and Transport are offered only in the Spring.
- If your background is outside of Chemical Engineering, or if you need a refresher on foundational concepts, you will begin with CHME 5101: Fundamentals of Chemical Engineering along with one elective before progressing to the core courses. CHME 5101 counts as an elective, so it does not increase the total number of required courses.
- If you already hold a master's degree in Chemical Engineering (or a closely related discipline), you may be eligible for advanced entry, which reduces the number of required core courses. Any waived core courses must be replaced with electives or research credits, depending on your plan of study.
- Additionally, as part of the PhD program's research dissertation requirement, you must register for CHME 7390 Seminar and CHME 7391 Professional Development and Communication in Chemical Engineering 1.

<b>Students with an undergraduate ChE background register for:</b>				
1	CHME 7320 CRN: 18188	Chemical Engineering Mathematics	4 credits	Mondays & Wednesdays, 6:00 – 7:40 pm
2	CHME 7330 CRN: 18189	Chemical Engineering Thermodynamics	4 credits	Tuesdays & Thursdays, 5:45 – 7:25 pm
3	CHME 7391 CRN: 18191	Professional Development and Communication in Chemical Engineering 1	1 credit	Fridays, 11:45 am – 1:25 pm
4	CHME 7390 CRN: 18190	Seminar	0 credits	Wednesdays, 11:45 am – 1:25 pm

<b>Students with non-ChE background* or who want to refresh* ChE background register for:</b>				
1	CHME 5101 CRN: 18177	Fundamentals of Chemical Engineering: Fluid, Heat, and Mass Transfer	4 credits	Mondays & Wednesdays, 5:45 pm – 7:25
2		One <b>elective</b> of your choice	4 credits	
<i>or</i>				
2	CHME 7330 CRN: 18189	Chemical Engineering Thermodynamics† <ul style="list-style-type: none"> <li><i>This is an option for students with background in thermodynamics. Postpone until Fall 2027 if planning to take CHME 5102 “Fundamentals of Chemical Engineering: Thermodynamics and Kinetics” in Spring 2027.</i></li> </ul>	4 credits	Tuesdays & Thursdays, 5:45 – 7:25 pm
3	CHME 7391 CRN: 19417	Professional Development and Communication in Chemical Engineering 1	1 credit	Fridays, 11:45 am – 1:25 pm
4	CHME 7390 CRN: 19416	Seminar	0 credits	Wednesdays, 11:45 am – 1:25 pm
<ul style="list-style-type: none"> <li><i>Success in this program requires that students have completed Calculus III and Differential Equations before beginning PhD courses. Because the Chemical Engineering graduate program addresses only ChE-specific background gaps, any missing math preparation must be completed independently, ideally over the summer before matriculation, for timely progression toward the PhD degree.</i></li> </ul>				

<b>Students with previous master’s degree in ChE or related discipline register for:</b>				
1	CHME 7320 CRN: 18188	Chemical Engineering Mathematics	4 credits	Mondays & Wednesdays, 6:00 – 7:40 pm
<i>or (choose 1 of these 2 core courses unless the Advanced Entry PhD waiver process has guided you to take both or bypass both)</i>				
1	CHME 7330 CRN: 18189	Chemical Engineering Thermodynamics	4 credits	Tuesdays & Thursdays, 5:45 – 7:25 pm
2		Zero, one, or two <b>electives</b> (depending on whether the Fall 2026 course plan includes 2, 1, or 0 core courses, respectively).	0, 4, or 8 credits	
3	CHME 7391 CRN: 19417	Professional Development and Communication in Chemical Engineering 1	1 credit	Fridays, 11:45 am – 1:25 pm
4	CHME 7390 CRN: 19416	Seminar	0 credits	Wednesdays, 11:45 am – 1:25 pm

### **What if I want to take an additional/elective course?**

Please know that graduate students are advised not to add courses on top of two chemical engineering core courses. Additional/elective courses are only advised when taken on their own or, in rare cases, seeking

to supplement only one core course. You can choose from the available graduate-level electives in Chemical Engineering, as found in the [Course Schedule](#):

1. Term - "Fall 2026 Semester"
2. Subject - "Chemical Engineering"
3. Under Advanced Searches - "Graduate" for Course Level

In doubt, please also utilize the [Academic Catalog](#) to find a full list of pre-approved electives.

### **What if my course is full?**

Do not panic! Enrollments are always shifting as students get Co-ops or change their course registrations. If a seat is not available in your preferred classes right away, you can join the waitlist. To join a waitlist, enter the class CRN (the 5 numbers in parentheses next to the course number above) directly into your registration sheet and hit submit. You will then have an option to select "waitlist" from a drop-down menu. The waitlist system will automatically inform you when a seat opens - just log into your account and accept it within the 24-hour time limit!

### **Will I get a bill from registering?**

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 are funded on a SGA, your tuition and NUSHP fees will be waived 6-8 weeks into the semester. You do not need to pay these. However, you are responsible for paying the mandatory student fees. If you have questions about payment, please contact the Graduate School of Engineering at [coe-phd-gradadvising@northeastern.edu](mailto:coe-phd-gradadvising@northeastern.edu) or the [Student Financial Services office by submitting an inquiry](#).

### **What if I am transferring credits from another institution or degree program?**

Students who are transferring credit for core and/or elective courses should reach out to the Associate Chair for Graduate Studies (on or before June 30, contact Dr. Eno Ebong, at [e.ebong@northeastern.edu](mailto:e.ebong@northeastern.edu); on or after July 1, contact Dr. Ben Woolston, at [b.woolston@northeastern.edu](mailto:b.woolston@northeastern.edu)) and their Graduate Student Services (GSS) Academic Advisor (at [coe-phd-gradadvising@northeastern.edu](mailto:coe-phd-gradadvising@northeastern.edu)) to determine an appropriate plan of study. Please copy the Chemical Engineering department on your inquiry, using [coecheme@northeastern.edu](mailto:coecheme@northeastern.edu). It is best to process your transfer credit before the Fall 2026 semester begins, especially if the course is listed in the registration table above. If you delay and the transfer credit is processed during Fall 2026, you can still use the online registration system to easily add or drop courses within the first two weeks of the term.

### **What if I am interested in the Gordon Engineering Leadership Program?**

If you are considering the Gordon Engineering Leadership program, please discuss your interest with your Graduate Student Services (GSS) Academic Advisor at Orientation. You should still register for the above-listed courses.

### **What if I'm interested in the Co-op Program?**

Before going on a Co-op, students need to have completed their first semester (8 semester hours). A Co-op preparatory course, ENCP 6100, must also be completed, during the second semester at the earliest. Find

out more [here](#). If you have further questions, contact your Co-op team at [ChemEGradCoop@northeastern.edu](mailto:ChemEGradCoop@northeastern.edu)

**What if I already have an MS in Chemical Engineering?** Students with an MS degree in Chemical Engineering may be eligible to waive up to three of their core classes by submitting a petition to the department's Graduate Committee. Petitions must be submitted at the time of admission, but no later than the end of summer before the Fall 2026 semester begins. They must include transcripts and syllabi (in one PDF document) from previously completed courses that are equivalent to one or more of the four core chemical engineering courses: Mathematics, Thermodynamics, Kinetics, and Transport. For guidance on preparing your petition, contact the [Chemical Engineering Department](#) and Associate Chair for Graduate Studies (on or before June 30, contact Dr. Eno Ebong, at [e.ebong@northeastern.edu](mailto:e.ebong@northeastern.edu); on or after July 1, contact Dr. Ben Woolston, at [b.woolston@northeastern.edu](mailto:b.woolston@northeastern.edu)).

**Meeting with your Chemical Engineering Department faculty advisor:**

Students should reach out to their assigned research advisor, as indicated in their admissions letter. If the Associate Chair for Graduate Studies (on or before June 30, contact Dr. Eno Ebong, at [e.ebong@northeastern.edu](mailto:e.ebong@northeastern.edu); on or after July 1, contact Dr. Ben Woolston, at [b.woolston@northeastern.edu](mailto:b.woolston@northeastern.edu)) is listed as their advisor, this is a temporary assignment. These students will be matched with their official faculty advisor by the end of the first semester, based on their research interests and lab capabilities through a rotation process.

**Meeting with your Graduate Student Services Academic Advisor:** For questions related to registration errors and issues, program requirements, and questions about GSS forms, please email [coe-phd-gradadvising@northeastern.edu](mailto:coe-phd-gradadvising@northeastern.edu) to connect with your academic advisor. You can find more information about the academic advisors [here](#).

For more information about beginning your program at Northeastern University, please read your acceptance letter in full.

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

Sincerely,

The Chemical Engineering Department