

Congratulations on your acceptance to the Data Analytics Engineering (DAE) program at Northeastern University – Seattle!

Please remember to confirm your enrollment at Northeastern. You will not be able to register for classes (information below) until you confirm enrollment. You can confirm your enrollment by [logging into your application account](#) and paying the enrollment deposit. If you have any questions regarding this process please reach out through the [Graduate Admissions Support Center](#).

As a DAE student you are **required to complete IE 5374, Foundations Data Analytics, and IE 6700, Data Management for Analytics, in your first semester**. These are part of your core course requirements and IE 5374 is in place of IE 6200 (Engineering Probability and Statistics). These classes are an important building block for all your subsequent courses. You will have a structured course plan throughout the program to ensure the quality of learning. The subsequent classes and course plan will be shared with you at Orientation in May.

Professor Sagar Kamarthi, the Program Director of the Data Analytics Engineering program and program support staff, have created the following advising guide for you to refer to as you choose your courses for this Spring. If you have any questions you may reach out to your academic advisor, Terri Gu (y.gu@northeastern.edu).

IE 5374 (required), Foundations Data Analytics: Offers topics and skills designed to prepare students for advanced courses in data analytics engineering. Covers basic concepts and implementation of methods related to probability, eigenvalues and eigenvectors, cluster analysis, text mining, and time series analysis. Offers students an opportunity to learn how to work with modern data structures and apply computational methods for data cleaning and data wrangling operations.

Sections Available:

Summer 1 (Seattle Campus) Tuesdays and Thursdays 1:30-5:00 PM CRN: 41502

IE 6700 (required), Data Management for Analytics: Covers the theory and applications of database management to support data analytics, data mining, machine learning, and artificial intelligence. Discusses the fundamental concepts and emerging technologies in database design and modeling, database systems, data storage, and the evolving world of data warehousing and data governance. Presents a balanced theory-practice focus and covers relational databases, NoSQL databases, data integration, data quality, data governance, big data, and data processing for analytics.

Sections Available:

Summer 2 (Online from Boston Campus) Tuesdays and Thursdays 12:30-4:00 PM CRN 61198

Frequently Asked Questions

How do I register?

If you need help navigating to your registration worksheet on your MyNEU account please watch the following webinars for instructions on how to register using your MyNEU account:

◆ New Registration Experience: <https://registrar.northeastern.edu/article/new-registration-experience/>

If you need individual help, please feel free to contact your Academic Advising department: coe-seattle-gradadvising@northeastern.edu

What if I already registered for classes? Please drop them immediately, unless they are the courses listed above. As a first term student you can only take the sections of the classes listed above. If you are registered in a section whose CRN number does not match with a number above, you are in the wrong section.

Meeting with Professor Kamarthi: You will have an opportunity to meet with key staff members at Orientation which will be online before classes.

Can I skip either IE 5374 or IE 6700 and take them later?

No, if you want to start in the summer, this course will give you a good introduction into the program and Northeastern. The class is also essential for advancing yourself through the program and engaging in a successful co-op experience.

Am I allowed to take three courses? No, DAE students are limited to two courses their first year. Based on feedback from our students we found that three courses were too demanding, especially in terms of final exams and projects. No exceptions to this policy will be considered until after your first year.

Am I allowed to take courses from the Boston Campus? Yes, you are allowed to take courses currently from the Boston Campus with the NUFlex model, however you need to take IE 5374 on ground in Seattle in order to remain an eligible international student.

Can I take courses from other departments? DAE students may take their two electives from either the MSIS (Information Systems) or Khoury (Computer Science) programs. MSIS is another COE program offered in Seattle. The elective options will be available to DAE students after your first year in the program.

What is the duration of the Data Analytics Engineering Program? You are required to take eight courses, for a total of 32 credits. The program takes a minimum of three semesters to complete. The typical student takes 2.5 years to complete the program, which includes an eight-month Co-op.

Is there funding or Teaching Assistant jobs available for first year students? Unfortunately, there are no funding options in your first semester. You may apply for a TA position after your first semester. You are expected to be fully dedicated to achieving academic success in the first semester of the program.

Am I required to bring a laptop? Yes. You must bring a high-quality laptop with a minimum of 8 GB memory AND a strong (4 hour) batter life.

Am I eligible for Co-op? You are not eligible for co-op the first two semesters of your program, during which your focus will be strictly academic. You are allowed to begin your first co-op after the Spring semester ends. In addition, you must be enrolled full-time, have a minimum of a 95 TOEFL score (or 7 on the IELTS), have at least a 3.2 GPA, and completed 16 credits. During your last semester of study (in your second year), you must be fully on campus as a full-time student, even if you are eligible to be on co-op. According to government rules and regulations, co-op is an educational opportunity to strengthen your engineering skills --not a job pursuit.

How do I register for the Co-op course? One of the requirements to becoming eligible to go on co-op is to take ENCP 6000: Career Management for Engineers. More information about the course will be shared later.

How long can I go on Co-op? Co-ops are a minimum of four months and a maximum of eight months.

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 have questions about payment, please contact the Student Financial Services office directly: <http://www.northeastern.edu/financialaid/contact/>.

How do I get a MyNEU account? After you confirm your enrollment, you will be able to utilize your MyNEU portal. If you have not set up your MyNEU account, login to your electronic application and look for instructions to do so:
https://app.applyyourself.com/AYApplicantLogin/fl_ApplicantConnectLogin.asp?id=neu-grad

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,

Graduate School of Engineering
Northeastern University