



# Northeastern University

## College of Engineering

Congratulations on your acceptance to the Information Systems – Bridge program at Northeastern University’s Graduate School of Engineering!

As an incoming Spring 2023 student, there are some steps that you need to take before the Spring semester starts. **Please read this document thoroughly as it contains helpful information and can answer many of your questions before you start your first semester in your master’s program.**

### **Step 1: Confirm your enrollment.**

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 to the Graduate Admissions team. You may contact them at [coe-gradadmissions@northeastern.edu](mailto:coe-gradadmissions@northeastern.edu).

### **Step 2: Know your faculty advisor and administrative contacts.**

Maricla Pirozzi, Program Director – Information Systems – Bridge  
[mi.pirozzi@northeastern.edu](mailto:mi.pirozzi@northeastern.edu)

Sam Casey, Assistant Director – Academic Operations  
[s.casey@northeastern.edu](mailto:s.casey@northeastern.edu)

Erin Macri, Assistant Director – Academic Operations  
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Kimberly Cortez, Program Manager  
[k.cortez@northeastern.edu](mailto:k.cortez@northeastern.edu)

### **Step 3: Complete your course registration.**

As an IS-Bridge student, you are **required to complete INFO 5001: Application Modeling and Design, and INFO 5002: Introduction to Python for Information Systems, in your first term.** These classes are an important building block for all of your subsequent courses. After completion of these courses, you will be prepared to take the remaining courses in the Information Systems program in future semesters.

Professor Pirozzi has created the following advising guide for you to refer to as you choose your courses for this Spring.

Graduate School  
of Engineering  
130 Snell  
Engineering Ctr.  
360 Huntington  
Ave.  
Boston, MA 02115  
617 373 2711  
f 617 373 2501



### **INFO 5001: Application Modeling and Design**

This class explores innovative design and programming techniques to build significant business applications with speed and complexity. Students will learn the process of systematically combining UX techniques, business processes, and complex data models to create applications that are user-friendly and meet business needs. You will explore the object-oriented paradigm, visual user interface design principles, programming languages, and productivity tools. Practice social-technical software engineering methods and tools to solve real-world problems. This is a required course for IS Bridge students.

#### **Sections Available:**

Section 01: Tuesday 12:00-1:40 PM & Friday 6:00-7:40 PM  
**CRN 34417** (*Livecast Instructional Method*)

### **INFO 5002: Introduction to Python for Information Systems**

This class studies the Python programming language for application engineering. This hands-on course offers students an opportunity to obtain proficiency in the core concepts of Python and the skills and knowledge for building applications using any of the hundreds of thousands of task-specific Python libraries. The class covers the important concepts such as reading and writing to standard IO, using operators, controlling the flow of execution, using functions, reading and writing files, and basic object-oriented programming concepts. Students will learn how to apply tools and techniques to classical software engineering and Python-specific facilities such as code introspection, reuse, built-in sequence types, and iteration. This is a required course for IS Bridge students.

#### **Sections Available:**

Section 01: Tuesday & Friday 3:25-5:05 PM  
**CRN 38571**

## **Frequently Asked Questions**

### **How do I register?**

Please enter the CRN numbers listed above directly into your registration worksheet. If you need help navigating to your registration worksheet on your [Student Hub](#) account, please visit the [Registrar's website](#) for instructions on how to register.

### **What if I already registered for classes?**



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Please drop them immediately--unless they are the courses listed above. **As a first-term student, you should only take the sections of the classes listed above.** Please make sure you are always registered for **8 SH** if you are a full-time student.

### **Can I take an elective other than those listed above?**

No. These classes were chosen because they are appropriate for first-term students. Please refer to the advising guide to select the class most relevant to your interests.

### **How do I meet with Professor Pirozzi?**

You will have an opportunity to meet with Professor Pirozzi, the Director of the Information Systems Bridge program, at orientation before classes start.

### **Can I skip the Application Modeling class (INFO 5001) or Intro to Python class (INFO 5002) and take it later?**

No, you must take INFO 5001 and INFO 5002 this Spring. These classes are essential for advancing yourself through the program and engaging in a successful co-op experience.

### **Am I allowed to take three courses?**

No. Information Systems Bridge students are limited to two courses each term. Based on feedback from our students, we found that three courses were too demanding, especially in terms of final exams and projects. All courses require projects that count as much as 30% of your final grade and it is extremely hard to complete three of these in one term. **No exceptions to this policy will be considered until after your first year.**

### **Can I take courses from other departments?**

The only departments IS-Bridge students are allowed to take classes from are CSYE (Software Engineering Systems), DAMG (Data Architecture & Management), and INFO (Information Systems).

### **Can I transfer credit from other universities?**

No. Professor Pirozzi firmly believes that all 40SH should be taken within the program at Northeastern University to uphold the integrity and continuity of the program.

### **What is the duration of the Information Systems - Bridge Program?**

You are required to take a total of 40 credits.

### **Is there funding or Teaching Assistant jobs available for first year students?**



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Unfortunately, there are no funding options in your first year. TA positions are filled by second year students only. You are expected to be fully dedicated to achieving academic success in the first year 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 (four-hour) batter life. This is **required** for the Application Engineering course.

### **Am I eligible for co-op?**

IS Bridge students are eligible to participate in the co-op program once all eligibility requirements are met.

An MSIS Bridge student is eligible for co-op when\*:

- They have completed 20SH of qualifying coursework
- First Semester: Students must complete INFO 5001 (4SH) and INFO 5002 (4SH) in their first semester
- Second Semester: Students must complete INFO 5100 (4SH) and an elective of their choosing (4SH)
- Third Semester: Students must enroll in 1-2 electives of their choosing (4SH-8SH) depending on their Visa requirements as applicable

\*The above outlines what a student's course work may look like when entering via the MSIS Bridge.

Students must complete INFO 5100 and 3 electives of their choosing to be eligible for co-op, as INFO 5001 and 5002 does not count towards eligible credits for co-op. Students who have completed 16SH (i.e., four courses) that include INFO 5001/5002 are not eligible yet for co-op as they only have completed 12 qualified semester hours (SH). If students have any questions, please direct them to [MGENCoop@northeastern.edu](mailto:MGENCoop@northeastern.edu).

### **How do I register for the co-op course?**

One of the requirements for co-op eligibility is passing ENCP 6000, Career Management for Engineers. You are able to register for this course after your first semester of the program (completing INFO 5001 (4SH) and INFO 5002 (4SH))

### **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



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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 my.Northeastern account?**

If you have not set up your my.Northeastern account, please follow the instructions [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!***