Dear Graduate Student,

Congratulations on your recent acceptance to Northeastern University’s Department of Civil and Environmental Engineering (CEE). We are delighted that you have decided to join our program.

Please find below some important information to help you with the admission process, and facilitate your transition to our program. This information mostly pertains to MS students. PhD students admitted to the Civil Engineering or Interdisciplinary programs please find additional information here.

During the orientation program, scheduled for Tuesday, September 5, 2017, you will have the chance to meet with faculty, fellow students, and find out more about the Department.

**Assignment of Academic Advisor**

If your admission letter does not specify an academic advisor, you will be assigned an initial academic advisor during Orientation, based on your concentration area, to assist you in entering the program, choosing courses, etc. The academic advisors for the different areas and programs are listed below.

**MS in Civil Engineering**
- *Construction Management*: Professor Ali Touran
- *Environmental and Water Systems*: Professor Matthew Eckelman
- *Geotechnical/Geoenvironmental Engineering*: Professor Mishac Yegian
- *Structures*: Professor Andrew Myers
- *Transportation*: Professor Peter Furth

**MS in Environmental Engineering**: Professors Matthew Eckelman and Ameet Pinto

**MS in Engineering & Public Policy**:
- *Energy and Environment*: Professor Matthew Eckelman
- *Infrastructure Resilience*: Professor Auroop Ganguly

**Curriculum and Class Registration**

Please remember to confirm your enrollment at Northeastern. You will not be able to preregister for classes (information below) until you confirm enrollment. You can confirm your enrollment by logging into your application account and paying the enrollment deposit.

All students are strongly urged to register for courses at this time to enable us to ascertain the likely enrollments in each course. Once you arrive on campus and consult
with your academic advisor, you can change your course selections as needed, including adding and dropping courses until the end of the second week of the term.

**For a detailed list of graduate courses (core, electives, etc.), please refer to the CEE Graduate Catalog, available on-line here.** For course descriptions, please check here.

**For the complete and updated calendar of Fall 2017 courses,** please visit the “Banner Dynamic Class Schedule”, maintained online by the Office of the Registrar: [https://wl11gp.neu.edu/udcprod8/NEUCLSS.p_disp_dyn_sched](https://wl11gp.neu.edu/udcprod8/NEUCLSS.p_disp_dyn_sched), select Fall 2017 for the term, then “Civil and Environmental Engineering” for Subject and “Graduate” for Course Level. For courses offered by other Departments please refer to the corresponding webpage. Or call the CEE Front Office at 617-373-2444.

**For completion of the MS program,** please read the degree course requirements described in the CEE Graduate Catalog as listed above. There are different MS degree options. Consult with your academic advisor regarding the degree options and course requirements. Typical recommendations for initial courses for MS students for different discipline concentrations are provided later in this letter.

**For completion of the PhD program,** please read the degree course requirements described in the CEE Graduate Catalog. Consult with you advisor regarding the core and elective course requirements.

**Sample Course Selections for the First Semester (Fall 2017)**

The following section provides examples of typical course selections for each concentration area for the first semester. It is recommended to take two to four courses in a semester, with two to three courses being common for first semester students. Note that this is for your reference only, and we recommend that you consult with your advisor and look at the course catalog for more in-depth information, particularly to ensure that you have the appropriate prerequisites.

**MASTER’S IN CIVIL ENGINEERING**

**Construction Management Concentration**

*Required Core Courses*
- CIVE7220 – Construction Management
- CIVE7230 – Legal Aspects of Civil Engineering
- IE 6200 – Probability and Statistics.

*Restricted and Other Electives*
- SBSY 5100 – Sustainable Design and Technologies in Construction

The full list of Restrictive Electives for Construction Management is found here.
Environmental & Water Systems Concentration

Course suggestions for Environmental & Water Systems Concentration Students:

**Required Core Courses**
- CIVE 7250 – Environmental Chemistry
- CIVE 7260 – Hydrologic Modeling

**Restricted and Other Electives**
- CIVE 5260 – Environmental Fluid Mechanics
- CIVE 5261 – Dynamic Modeling for Environmental Investment and Policy Making
- CIVE 5275 – Life Cycle Assessment of Materials, Products, and Infrastructure
- CIVE 5536 – Hydrologic Engineering
- CIVE 7110 – Applied Time Series and Spatial Statistics
- CIVE 7255 – Environmental Physical/Chemical Processes

The full list of Restrictive Electives for Environmental & Water Systems is found [here](#).

Geotechnical/Geoenvironmental Engineering Concentration

**Required Core Courses**
- CIVE 7301 – Advanced Soil Mechanics

The full list of Restrictive Electives for Geotechnical Engineering is found [here](#).

Structural Engineering Concentration

**Required Core Courses**
- CIVE 7330 – Advanced Structural Analysis
- CIVE 7331 – Structural Dynamics

**Restricted and Other Electives**
- CIVE 7351 – Behavior of Steel Structures
- CIVE 7341 – Structural Reliability
- CIVE 5699 – Special Topics in Civil Engineering: Structural Systems
- CIVE 5522 – Structural Analysis II
- CIVE 5699 – Prestressed Concrete Design

The full list of Restrictive Electives for Structural Engineering is found [here](#).

Transportation Engineering Concentration

**Required Core Courses**
- CIVE 5373 – Transportation Analysis and Planning
- IE 6200 – Probability and Statistics

**Restricted and Other Electives**
CIVE 7381 – Transportation Demand Models  
CIVE 7385 – Public Transportation

The full list of Restrictive Electives for Transportation Engineering is found [here](#).

**MASTER’S IN ENVIRONMENTAL ENGINEERING**

*Required Core Courses*
  
  - CIVE – 7250 Environmental Chemistry  
  - CIVE – 7255 Environmental Physical/Chemical Processes  
  - CIVE – 7260 Hydrologic Modeling

*Restricted and Other Electives*
  
  - CIVE 5260 – Environmental Fluid Mechanics  
  - CIVE 5275 – Life Cycle Assessment of Materials, Products, and Infrastructure  
  - CIVE 5536 – Hydrologic Engineering

The full list of Restrictive Electives for Environmental Engineering is found [here](#).

**MASTER’S IN ENGINEERING AND PUBLIC POLICY**

**Energy/Environmental Concentration**

*Required Core Courses*

  - Energy and Environment  
    - ENGR 5670 – Sustainable Energy: Materials, Conversion, Storage, and Usage  
  - Environmental Systems Modeling  
    - CIVE 5261 – Dynamic Modeling for Environmental Investment and Policy Making  
    - CIVE 5275 – Life Cycle Assessment of Materials, Products, and Infrastructure  
  - Economics  
    - LPSC – 6313 Economic Analysis for Law, Policy, and Planning

*Public Policy and Analysis*
  
  - PPUA 6506 – Techniques of Policy Analysis  
  - PPUA 6509 – Techniques of Program Evaluation

*Statistics*
  
  - IE 6200 Engineering Probability and Statistics  
  - LPSC 7215 – Advanced Quantitative Techniques

*Restricted and Other Electives*
  
  - ENVR 5210 – Environmental Planning  
  - ENVR 5260 – Ecological Economics  
  - EMGT 6225 – Economic Decision Making
PPUA 5262 – Big Data for Cities
PPUA 5263 – Geographic Information Systems for Urban and Regional Policy

The full list of Restrictive Electives for Engineering and Public Policy is found here.

**Infrastructure Resilience Concentration**

*Required Core Courses*

Infrastructure Resilience
   - CIVE 7110 – Critical Infrastructure Resilience

Environmental Systems Modeling
   - CIVE 5275 – Life Cycle Assessment of Materials, Products, and Infrastructure
   - CIVE 5261 – Dynamic Modeling for Environmental Investment and Policy Making

Economics
   - LPSC 6313 – Economic Analysis for Law, Policy, and Planning

Public Policy and Analysis
   - PPUA 6506 – Techniques of Policy Analysis
   - PPUA 6509 – Techniques of Program Evaluation

Statistics
   - IE 6200 – Engineering Probability and Statistics
   - LPSC 7215 – Advanced Quantitative Techniques

*Restricted and Other Electives*

   - PPUA 5262 – Big Data for Cities
   - PPUA 5263 – Geographic Information Systems for Urban and Regional Policy
   - PPUA 7234 – Land Use and Urban Growth Policy
   - ENVR 5260 – Ecological Economics
   - EMGT 6225 – Economic Decision Making

The full list of Restrictive Electives for Infrastructure Resilience is found here.

**How do I register for classes?**

Please watch the following webinars for instructions on how to register using your MyNEU account:

- Course Search Webinar: [http://www.northeastern.edu/registrar/webinar-search.html](http://www.northeastern.edu/registrar/webinar-search.html)
- Course Add/Drop Webinar: [http://www.northeastern.edu/registrar/webinar-adddrop.html](http://www.northeastern.edu/registrar/webinar-adddrop.html)
What if my course is full?

Although rare, if a course is full, you may contact the course instructor and ask if an additional seat can be accommodated in the classroom. If a seat isn’t available in your preferred classes right away you can also join the waitlist. Enrollments are always shifting as students get co-ops or change their course registrations. 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 up- just log into your account and accept it within the 24 hour time limit!

What if I am a part time student?

We recommend starting with one core course for your concentration.

Will I get a bill after registering for a course?

Yes, typically, 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/

How do I get a MyNEU account?

After you confirm your enrollment, you will be able to access your MyNEU portal using this link, http://myneu.neu.edu/cp/home/displaylogin. 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

How do I schedule a campus tour?

Please contact GSE Student Services at 617-373-2711 or by email at: https://husky.desk.com/customer/portal/emails/new. An additional resource for campus tours is the Northeastern University Visitor Center. For directions and information please refer to: http://www.northeastern.edu/admissions/visit-campus/

Do you have another question about enrollment, your visa status or housing?

Please take a moment to review the FAQ page of the Graduate School of Engineering (GSE) Student Services: http://www.coe.neu.edu/graduate-school/graduate-faqs. As an example, you may search with the keyword (“housing”), look under the category “Newly Admitted Students”, or contact the GSE by phone at 617-373-2711.
For more information about beginning your graduate studies at Northeastern University, please read your acceptance letter in full.

We look forward to welcoming you in the Department of Civil and Environmental Engineering and the Graduate School of Engineering and the

Regards,

Graduate School of Engineering
Northeastern University