

## Degree Programs

The Department offers **Master of Science (MS)** and **Doctor of Philosophy (PhD)** degrees. Both degrees require a coursework and a thesis. Average duration of study is two years for MS and four years for PhD degrees.



## Fields of Study

- ◆ Environmental Engineering
- ◆ Geotechnical Engineering
- ◆ Hydraulics & Coastal Engineering
- ◆ Mechanics & Materials Engineering
- ◆ Structural & Earthquake Engineering
- ◆ Transportation Engineering

## Laboratories

Students get hands-on experience in laboratories specially designed to conduct experiments in computer modeling, earth science, soil mechanics, hydraulics, coastal processes, materials and structures.

Structures laboratory has full-scale capability for testing structural components and seismic rehabilitation. Experiments in hydraulics and coastal engineering are conducted both in the laboratory and in the field. Geotechnics laboratory, where Karl Terzaghi started his pioneering work in soil mechanics, is named after its founder. Materials laboratory is specialized in concrete technology. Computer laboratory is used for numerical modeling of nonlinear dynamic systems and graphical simulations.

Some of the current research topics are:

- ◆ Complex adaptive systems
- ◆ Computational mechanics
- ◆ Fiber reinforced polymers
- ◆ Geosynthetics
- ◆ Groundwater pollution & remediation
- ◆ Preservation of historical structures
- ◆ Recycled materials in pavement design
- ◆ Risk analysis
- ◆ Sediment & contaminant transport
- ◆ Seismic hazard mitigation
- ◆ Smart materials and structures
- ◆ Soil dynamics
- ◆ Soil improvement techniques



- ◆ Stochastic processes
- ◆ Structural health monitoring
- ◆ Structural safety and retrofitting
- ◆ Transportation systems & safety
- ◆ Watershed management
- ◆ Wastewater treatment
- ◆ Wave mechanics



## Application Requirements

- ◆ Minimum **GRE/Quantitative** scores of 610 (for MS) and 660 (for PhD).
- ◆ Minimum **TOEFL** scores of 213/4.5 (computer-based), 550/4.5 (paper-based), 79/24 (internet-based), or score of 7 on **IELTS**.
- ◆ **GPA** requirement; for MS applications, BS degree with a minimum GPA of 2.5 (out of 4.0), for PhD applications, MS degree with a minimum GPA of 3.0 (out of 4.0).
- ◆ Two **reference letters**
- ◆ **Application fee** of 40 USD (please check with [registr@boun.edu.tr](mailto:registr@boun.edu.tr))
- ◆ All application documents must be received by the University Registrar's Office latest by **April 11, 2008** for Fall '08. However early applications are encouraged.
- ◆ Diploma is not required at the time of application (it will be requested at registration)
- ◆ For further information you may visit the following web sites:  
Admission Requirements: [http://www.ce.boun.edu.tr/eng/admissions/grad\\_admission.asp](http://www.ce.boun.edu.tr/eng/admissions/grad_admission.asp)  
Application Forms: [http://www.boun.edu.tr/graduate/organization/admission\\_grad.html](http://www.boun.edu.tr/graduate/organization/admission_grad.html)

## Tuition

Tuition for an international graduate student in Civil Engineering is approximately 1000 USD (it may fluctuate with the exchange rate). This fee covers both Fall and Spring terms.

## Accommodation

On-campus housing is available for graduate students. Off-campus rentals of private 2-3 bedroom apartments are also available near the campus. For further information please contact:

*Ms. Gülercan Selamioğlu*  
On-campus Housing Department  
Email: [selamioğlu@boun.edu.tr](mailto:selamioğlu@boun.edu.tr)  
Voice: +90 (212) 359 7175

## Financial Aid

Assistantships are available for international graduate students. Students who wish to apply for financial aid should send a **Statement of Purpose** directly to the *Graduate Advisor* before the application deadline.

Financial Aid applications will be processed and answered within four weeks after the application deadline.

Students who start the program without financial aid may reapply after completing their first semester.

## Contact

For further information about the Department, financial aid and assistantships, please contact:

*Dr. Nilüfer Özyurt*  
Civil Engineering Graduate Advisor

For questions regarding the visas, living expenses, campus life, and the community, please contact:

*Ms. Tomru Önalp*  
International Student Office  
Email: [onalp@boun.edu.tr](mailto:onalp@boun.edu.tr)  
Voice: +90 212 359 6708

Mailing address for registration forms:

*Boğaziçi University Registrar's Office*  
34342 Bebek, Istanbul - TURKEY  
Email: [registr@boun.edu.tr](mailto:registr@boun.edu.tr)  
Voice: +90 (212) 359 7088  
Fax: +90 (212) 287 0943

Boğaziçi University · Civil Engineering Department · Bebek 34342 Istanbul - Turkey

<http://www.ce.boun.edu.tr> email: [cegraduate@boun.edu.tr](mailto:cegraduate@boun.edu.tr) voice: +90 (212) 359 4473 fax: +90 (212) 287 2457

*useful machine but not a harmoniously developed personality." Albert Einstein.*