

Graduate Degrees

We offer Master of Science and Doctor of Philosophy degrees in Environmental Engineering at Marmara.

These academic degrees emphasize the application of the natural sciences to the analysis and solution of engineering problems.

Degrees

Master of Science

The Master of Science (MSc Degree) provides fundamental education in environmental engineering, science and design. This prepares you for professional practice or for advanced study leading to a doctoral degree.

- A Masters degree typically requires 4-6 semesters.
- Course work: Requires a minimum of 7 courses each of 8 ECTS, and a seminar course of 4 ECTS. In total 60 ECTS credits should be completed. All courses are elective.
- Of the 7 courses, the student can enroll to a number of courses apart from the Master's program courses offered in Env.Eng. at Marmara.
 - enrollment to a maximum of 2 courses offered in the **Bachelor's** program of Env.Eng. at Marmara (only if the same course has not been taken during the student's undergraduate education),
 - enrollment to a maximum of 2 courses offered as **PhD courses** (8XXX) of EE program at Marmara,
 - enrollment to a maximum of 2 courses offered in a Graduate Program of a different school at Marmara, or a different Graduate School of a different college, is possible.

However, the **total** number of courses taken in this way should not exceed 3.

In any case, it is the student's responsibility to make sure that the ECST credits and the syllabus of the course subject to enrollment out of the program matches the program of EE at Marmara.

- The student should enroll for a minimum of 16 ECTS credits (2 courses) for each semester registered.

- Thesis required.
- Each student must have a graduate advisor. The Head of the Program offers a supervisor for the student to the Institute of Pure and Applied Sciences Administration latest at the end of 3rd semester. (Earliest at the beginning 2nd semester). After the assignment of the supervisor, a Thesis Proposal should be submitted to the Head of the Program.
- Overall GPA of 2.50 is required to be qualified for the Dissertation Defense Exam. Unless a GPA of 2.50 is achieved, the candidate re-enrolls for the courses till the achievement. However, a pass grade of CB and higher can not be repeated.

PhD (with a Msc degree)

Doctoral studies consist of courses selected for the individual in consultation with a faculty guidance committee, successful completion of a qualifying examination, and an independent research culminating in a thesis.

- A master's degree from an accredited institution or a recognized equivalent is required.
- A PhD degree typically requires 8-12 semesters.
- Course work: Requires a minimum of 8 courses. In total, at least 60 ECTS credits should be completed (7 courses each of 8 ECTS credits and 1 course with 4 ECTS credits is possible). All courses are elective.
- The student should enroll for a minimum of 16 ECTS (2 courses) credits for each semester registered.
- Of the 8 courses, the student can enroll to a number of courses apart from the PhD courses offered in Env.Eng. at Marmara.
 - enrollment to a maximum of 2 courses offered as Master courses (7XXX) of EE program at Marmara,
 - enrollment to a maximum of 2 courses offered in a Graduate Program of a different school at Marmara, or a different Graduate School of a different college, is possible.

However, the **total** number of courses taken in this way should not exceed 3.

In any case, it is the student's responsibility to make sure that the

ECST credits and the syllabus of the course subject to enrollment out of the program matches the program of EE at Marmara.

- Overall GPA of 3.00 is required to be qualified for the Dissertation Defense Exam. Unless a GPA of 3.00 is achieved, the candidate re-enrolls for the courses till the achievement. However, a pass grade of BB and higher can not be repeated.
- After completing the courses, the student must pass a qualifying examination.
- The qualifying examination consists of a 4-hour written exam and an oral exam, administered twice a year at the end of each semester.
- Each PhD student must have a research advisor to supervise the student's dissertation research.
- The Dissertation: The doctoral dissertation is a cornerstone of the PhD degree. You are encouraged to explore research possibilities with individual faculty members at the earliest possible date. A dissertation committee of 3 faculty members, including 1 from outside the department, is appointed by the Head of the Institute of Pure and Applied Sciences (based on recommendations from your Head of the Program) after you have passed the qualifying exam. You are expected to consult regularly with the members of this committee to review your progress. Each member of the committee must read and approve of the dissertation.