

**Technical University of Crete**

**School of Environmental Engineering**

**English taught courses offered to Erasmus students in 2018-2019**

**1. Work on Diploma Thesis** (highly recommended for students in the 4th or 5th year of their studies).

**Number of ECTS: 30**

This option is equal to attending all the courses of an academic semester.

If you are interested in this option, please consult the School's website (<https://www.enveng.tuc.gr/en/home/>) to see the research interests of the faculty members, and contact them directly to express your interest.

It should be pointed out that most (if not all) professors offer a diploma thesis since it is compulsory for the students of our School.

**2. Course attendance** (recommended for junior or sophomore students, i.e., students in the first 3 years of their studies).

Our school offers a rather limited number of courses in English, which are aimed primarily at students who are in the first 3 years of their studies.

These courses are listed below.

**Autumn semester**

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|  | **Course Code** | **Course Title** | **ECTS** | **Instructor** |
| 1 | ENVE 113 | Introduction to Environmental Engineering | 4 | N. Xekoukoulotakis |
| 2 | ENVE 112 | Ecology | 4 | D. Venieri |
| 3 | ENVE 317 | Reaction Engineering (Chemical and Biochemical processes) | 5 | P. Panagiotopoulou |
| 4 | ENVE 345 | Aquatic Chemistry | 4 | Ε. Psillakis |
| 5 | ENVE 437 | Chemical Processes for Water and Wastewater Treatment | 6 | Academic Fellow |
| 6 | ENVE 338 | Municipal Solid Waste: System Management and Design | 6 | E. Gidarakos |
| 7 | ENVE 435 | Project Management | 5 | Academic Fellow |
| 8 | ENVE 501 | Fundamental Principles and Applications of Aerozol science | 5 | Academic Fellow |

**Spring Semester**

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|  | **Course Code** | **Course Title** | **ECTS** | **Instructor** |
| 1 | ENVE 132 | General Chemistry | 5 | N. Xekoukoulotakis |
| 2 | ENVE 126 | Environmental Microbiology | 5 | D. Venieri |
| 3 | ENVE 229 | Environmental Thermodynamics | 5 | P. Panagiotopoulou |
| 4 | ENVE 212 | Water Pollution Control | 5 | Ε. Psillakis |
| 5 | ENVE 311 | Air Pollution | 3 | Μ. Lazaridis |
| 6 | ENVE 324 | Unit Operations for Water and Wastewater Treatment | 5 | Academic Fellow |
| 7 | ENVE 438 | Treatment and Management of Toxic and Hazardous Wastes | 6 | E. Gidarakos |
| 8 | ENVE 444 | Renewable Energy Sources | 4 | T. Tsoutsos |