**ENVENG-List of offered courses for Erasmus students 2024-2025**

***Fall Semester***

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|  | Code | Course title | ECTS | Status/mode | Instructor |
|  | **Exclusively in English for all** |
| 1 | AB-308 | Applied Mathematics for Chemical and Envir. Engineers | 9 | graduate elective | N. Diangelakis |
| 2 | B201 | Design of Sustainable Energy and Mobility Systems | 9 | Grad required | T. Tsoutsos |
| 3 | B 202 | Solid and toxic waste management | 9 | grad req | A. Giannis |
| 4 | B 208 | Climate change & GHG emissions | 9 | Grad req | M. Lazaridis-A. Voulgarakis |
| 5 | AB-301 | Research lectures | 3 | Grad req | invited lecturers  |
| 6 | AB-302 | Environment and Public Health | 9 | Elective | D. Venieri |
|  | **Actually in greek – to be taught in English only upon request** |
| 7 | ENVE 511 | Design of Energy Systems | 5 | Elective  | D. Kolokotsa – T. Tsoutsos |
|  | **Both in greek and English (in separate groups)** |
| 8 | ENVE 345 | Aquatic Chemistry | 4 | Required (project based) | E. Psillakis |
| 9 | ENVE 332 | Meteorology & Air Quality Models | 4 | Required (project based) | D. Kolokotsa |
| 10 | ENVE 433 | Hydraulics II | 5 | 7th required(lab project based) | Nikolaidis-Karatzas-Koutroulis |
| 11 | SSCI 201 | Micro/Macro-Economics | 3 | Elective (lectures) | S. Rozakis |
| 12 | ENVE 537 | Indoor Air Quality  | 5 | 9th elective (lectures) | M. Lazaridis |

***Spring Semester***

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|  | Code | Course title | ECTS | Status/mode | Instructor |
|  | **Exclusively in English for all** |
| 1 | B 210 | Circular Economy | 9 | grad req | A.Stefanakis |
| 2 | **B 207** | Environmental Economics & Policy | 9 | grad elective | S. Rozakis |
| 3 | AB-301 | Research lectures | 3 | grad req | invited lecturers  |
|  | **Actually in greek – to be taught in English only upon request** |
| 4 | **ENVE 545** | Buildings’ Energy Efficiency | 3 | Elective | D. Kolokotsa |
| 5 | **ENVE 441** | Strategic management & innovations | 3 | Elective (lectures) | S. Rozakis |
| 6 | **ENVE 229** | Thermodynamics | 4 | required | P. Panagiotopoulou |
|  | **Both in greek and English (in separate groups)** |
| 7 | ENVE 324 | Unit Operations for Water and Wastewater Treatment | 5 | 6th required (lectures) | Α. Stefanakis  |
| 8 | ENVE 444 | Renewable Energy Sources | 5 | 8th required (project based) | T. Tsoutsos |
| 9 | **ENVE 554** | Design of Environmental Plants and Environmental Impact Assessment I | 6 | 8th required(lab project based) | P. Gikas |

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| Course code | Hyperlink to syllabus |
| FALL SEMESTER |
| AB-308 | https://www.chenveng.tuc.gr/en/studies/postgraduate/courses-offered-2019-20/specialization-area-a/msc-course-ab-308 |
| B201 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/7th-semester/7th-semester-enve-451/specialization-area-b/msc-course-b-201 |
| B 202 | https://www.chenveng.tuc.gr/en/studies/postgraduate/courses-offered-2019-20/specialization-area-a/msc-course-b-202 |
| B 208 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/7th-semester/7th-semester-enve-451/specialization-area-b/msc-course-b-208 |
| AB-301 | Invited Lectures - Schedule to be announced in the beginning of the semester |
| AB-302 | https://www.chenveng.tuc.gr/en/studies/postgraduate/courses-offered-2019-20/specialization-area-a/msc-course-ab-302 |
| ENVE 511 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/9th-semester/9th-semester-enve-511-1 |
| ENVE 345 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/5th-semester-1-1/5th-semester-enve-4 |
| ENVE 332 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/5th-semester-1-1/5th-semester-enve-5 |
| ENVE 433 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/7th-semester/7th-semester-enve-433-2 |
| SSCI 201 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum-1/3rd-semester/3rd-semester-6 |
| ENVE 537 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/9th-semester/9th-semester-enve-537-2 |
| SPRING SEMESTER |
| B 210 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/7th-semester/7th-semester-enve-451/specialization-area-b/msc-course-b-210 |
| **B 207** | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/7th-semester/7th-semester-enve-451/specialization-area-b/msc-course-b-207 |
| AB-301 | Invited Lectures - Schedule to be announced in the beginning of the semester |
| **ENVE 545** | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/8th-semester/8th-semester-enve-545-2 |
| **ENVE 441** | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/8th-semester/8th-semester-enve-441-2 |
| **ENVE 229** | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/4th-semester-1/4th-semester |
| ENVE 324 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/6th-semester/6th-semester-enve-324-2 |
| ENVE 444 | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/8th-semester/8th-semester-enve-444-2 |
| **ENVE 554** | https://www.chenveng.tuc.gr/en/studies/undergraduate/curriculum/8th-semester/8th-semester-enve-554-2-1 |