



• Technical elective (7 credits)  
• Free elective (6 credits)

### Roadmap of Environmental Engineering IE3

Note on pre-requisite:

- A → B: Take B after passing A
- A -.-> B: Take B after taking A, or at the same semester of taking A if failed in previous semester
- A — B: Take B same semester of taking A

Technical elective (7 credits)

- ENE4016IU Construction Measurement and Cost Estimating 3(3,0)
- ENE3105IU Treatment Plant Operation 3(3,0)
- ENE3106IU Pipe and Instruments Design 4(2,2)
- ENE4015IU Experimental Design 4(2,2)
- ENE3103IU Water Supply and Drainage Systems 3(3,0)

Free elective (6 credits)

- ISO026IU Project Management 3(3,0)
- BA115IU Introduction to Business Administration 3(3,0)
- BA154IU Entrepreneurship and Small Business Management 3(3,0)
- BT010IU Plant physiology 3(3,0)
- CHE3211IU Nanomaterials 3(3,0)
- CHE3221IU Biomaterials 3(3,0)