

**Course Requirements and Curriculum for a Minor in the
Department of Environmental Engineering, Effective from the 2025-
2026 Academic Year**

Required Course Credits	Elective Course Credits	Total Credits
9	12	21

No	Course Name	Required/Elective	Credits
1	Engineering Mathematics (1)	Required	3
2	Engineering Mathematics (2)	Required	3
3	Fluid Mechanics (1)	Required	3
4	Physical Chemistry	Required	3
5	Environmental Microbiology	Required	3
6	Experiment of Microbiology	Required	1
7	Engineering Statistics	Required	3
8	Fluid Mechanics Laboratory	Required	1
9	Air Pollution Control Engineering	Required	3
10	Laboratory of Environmental Analysis (1)	Required	3
11	Water Supply Engineering	Required	3
12	Solid Waste Engineering	Required	3
13	Environmental Management	Required	3
14	Environmental Engineering Capstone	Required	3
15	Environmental Chemistry	Elective	3
16	Environmental Economics	Elective	3
17	Environmental Toxicology	Elective	3
18	Hazardous Waste Treatment	Elective	3
19	Laboratory of Environmental Analysis (2)	Elective	3
20	Environmental Engineering Design (I)	Compulsory Elective	3
21	Introduction to Principles of Environmental Engineering Physics	Compulsory Elective	3
22	Electron and Electrical Engineering	Compulsory Elective	3
23	Wastewater Engineering	Compulsory Elective	3

Supplementary note: Students minoring in the Department of Environmental Engineering must complete, in addition to the minimum graduation credits required by their major department, the following:

- **9 credits of required core courses** in Environmental Engineering (select from the 38 credits listed in the table above), and
- **12 elective courses** must include **at least two compulsory elective courses, totaling six credits**, from the 27 credits listed in the table above.