

**Course Requirements and Curriculum for a Minor in the  
Department of Environmental Engineering, Effective from the 2026-  
2027 Academic Year**

<b>Required Course Credits</b>	<b>Elective Course Credits</b>	<b>Total Credits</b>
<b>9</b>	<b>12</b>	<b>21</b>

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