MS Environmental Engineering  
(Program prior to 2024)

Only courses listed on this page count toward the Master’s Programs in Environmental Engineering degree. If you have a question about taking a class that isn’t listed on this site, please reach out to your advisor on AdviseUSC. At least two-thirds of coursework applied to degree must be at the 500-level or higher.

Core Courses (8 units)

- ENE 505: Energy and the Environment (4 units)
- ENE 515: Environmental Fluid Mechanics (4 units)

Air or Water Track (12 units)

<table>
<thead>
<tr>
<th>Air</th>
<th>Water</th>
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<tr>
<td>• ENE 426 Particulate Air Pollutants (4 units)</td>
<td>• ENE 562: Aquatic and Environment Chemistry (4 units)</td>
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<td>• ENE 527: Climate Change and Atmospheric Aerosols (4 units)</td>
<td>• CE 523: Physicochemical Process in Environmental Engineering (4 units)</td>
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<td>• ENE 535: Air Pollution Management: Exposure, Health Effects and Risk (4 units)</td>
<td>• CE 553: Biological Process in Environmental Engineering (4 units)</td>
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<tr>
<td>• Water Track Elective</td>
<td>• Air Track Elective</td>
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Air Concentration students must take ENE 428: Air Pollution fundamentals in lieu of the elective if they have not already taken the course, or is equivalent, as an undergraduate.

Water Concentration Students: must take CE 485: Water and Wastewater Treatment Design in lieu of the elective if they have not already taken the course, or its equivalent, as an undergraduate.

Approved Electives (4 units)

- CE 410: Intro to Environmental Engineering Microbiology (4 units)
- CE 451: Water Resources Engineering (4 units)
• Ce 485: Water and Wastewater Treatment Design (4 units)
• CE 503: Microbiology for Environmental Engineers (4 units)
• CE 516: Geohydrology (4 units)
• ENE 428: Air Pollution Fundamentals (4 units)
• ENE 502: Environmental and Regulatory Compliance (4 units)
• ENE 510: Water Quality Management and Practice (4 units)