

MS Environmental Engineering

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 512: Environmental Fluid Mechanics (4 units)

Air or Water Track (12 units)

Air	Water
<ul style="list-style-type: none"> • ENE 426 Particulate Air Pollutants (4 units) 	<ul style="list-style-type: none"> • ENE 562: Aquatic and Environment Chemistry (4 units)
<ul style="list-style-type: none"> • ENE 527: Climate Change and Atmospheric Aerosols (4 units) 	<ul style="list-style-type: none"> • CE 523: Physicochemical Process in Environmental Engineering (4 units)
<ul style="list-style-type: none"> • ENE 535: Air Pollution Management: Exposure, Health Effects and Risk (4units) 	<ul style="list-style-type: none"> • CE 553: Biological Process in Environmental Engineering (4 units)
<ul style="list-style-type: none"> • Water Track Elective 	<ul style="list-style-type: none"> • Air Track Elective
<p><i>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.</i></p>	<p><i>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.</i></p>

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 Desing (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)

