

**MS Environmental Engineering
(Program prior to Fall 2026)**

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 12 units)

- ENE 512: Environmental Fluid Mechanics (4 units)
- ENE 527: Climate Change and Atmospheric Aerosols (4 units)
- ENE 562: Aquatic and Environment Chemistry (4 units)

Designated Track (12 units)

Air and Climate	Water Quality and Reuse
• ENE 440: Machine Learning for Climate Change and Sustainability (4 units) • ENE 502: Environmental and regulatory Compliance (4 units) • ENE 535: Air Pollution Management: Exposure, Health Effects and Risk (4 units) <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>	• CE 523: Physicochemical Process in Environmental Engineering (4 units) • CE 553: Biological Process in Environmental Engineering (4 units) • ENE 599: Potable Water Reuse (4 units) <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>

Approved Electives (4 units)

- CE 516: Geohydrology (4 units)
- CE 523: Physicochemical Process in Environmental Engineering (4 units)*
- CE 553: Biological Process in Environmental Engineering (4 units)*
- ENE 440: Machine Learning for Climate Change and Sustainability (4 units)*
- ENE 505: Energy and the Environment (4 units)
- ENE 502: Environmental and regulatory Compliance (4 units)*
- ENE 535: Air Pollution Management: Exposure, Health Effects and Risk (4 units)*
- ENE 599: Potable Water Reuse (4 units)*

* Elective options if they are not part of your designated track.

