

General Reminders

- A minimum of a 3.0 GPA must be maintained to be in good academic standing and to be eligible to graduate
- Most courses are 2-unit or 4-units. Occasionally a 3-unit course exists as an elective option. Taking a 3-unit class can result in a student needing to take more than the minimum number of units needed to graduate.
- At least two-thirds of your coursework must be at the 500-level or higher.
 - For Progressive Degree Program (PDP) students, all coursework must be 500-level or higher. No 400-level courses will count toward your degree.

This is not a comprehensive list of requirements.
Review the [USC Catalogue](#) for Official Degree Requirements

Students working full-time should only enroll in 4 units. Please reach out to your advisor on the [Advise USC platform](#) if you have any additional questions.

Please direct advisor questions to on the [Advise USC platform](#). Due to the high number of requests at this time, it may take up to 3 business days to receive a response.

MS Sustainable Engineering 28 Unit Minimum

Please enroll in the required courses unless you have completed them in a prior semester. If required courses have been completed, please enroll in the appropriate number of electives to reach the 8 units required to maintain full-time enrollment.

Please Enroll

- ENE 505: Energy and the Environment (4 Units)
- ISE 576: Industrial Ecology (4 Units)

Choose at least two classes (at least 7 units total) in a selected Emphasis A, B, or C. Choose remaining credits from any emphasis or non-emphasis category

Emphasis A

- AME 513a: Fundamentals and Applications of combustion (4 Units)
- CHE 510: Energy and Process Efficiency (4 Units)
- EE 443: Introduction to Probability and Statistics for Electrical Engineering and Computer Science (4 Units)
- EE 444: Power Systems Technology (4 Units)
- MASC 570: Introduction to Photovoltaic Solar Energy Conversion (4 Units)

Emphasis B

- CE 430: Sustainable Transportation (2 Units)
- CE 469: Sustainable Design and Construction (2 Units)
- CE 521: Transportation Systems Analysis (4 Units)
- ARCH 519: Sustainability in the Environment- Infrastructures, Urban Landscapes, and Buildings (3 Units)

Policy, Economics, Governance, and Innovation electives (Non-Emphasis)

- ISE 545: Technology Development and Implementation (3 Units)

Method Focused Electives (Non-Emphasis)

- CE 531: Quantifying Uncertainty in Civil & Environmental Engineering (2 Units)
- ISE 529: Predictive Analytics (4 Units)
- ISE 535: Data Mining (4 Units)
- ISE 562: Decision Analysis (4 Units)
- ISE 568: Machine Learning (4 Units)
- MASC 520: Mathematical Methods for Deep Learning (4 Units)