USC Viterbi School of Engineering

Fall 2025 Course Recommendations for Astani MS Students

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 Environmental 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.

Water Track	If required courses have been completed, choose the approved elective below.
• ENE 505: Energy and the Environment (4 Units) • CE 523: Physiochemical Processes in Environmental Engineering (4 Units)	• CE 410L: Introduction to Environmental Engineering Microbiology (4 Units) • ENE 440: Machine Learning for Climate Change and Sustainability (4 Units) • CE 485: Water and Wastewater Treatment Design (4 Units)

Air Track	If required courses have been completed, choose the approved electives below.
• ENE 505: Energy and the Environment (4 Units) • ENE 440: Machine Learning for Climate Change and Sustainability (4 Units)	• CE 410L: Introduction to Environmental Engineering Microbiology (4 Units) • CE 485: Water and Wastewater Treatment Design (4 Units) • CE 523: Physiochemical Processes in Environmental Engineering (4 Units)