

Spring 2025 Course List for Astani Master's 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 3unit 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.

This is not a comprehensive list of requirements. Review the <u>USC Catalogue</u> for Official Degree Requirements

Students working full-time should only enroll in <u>4 units</u>. Please reach out to your advisor on the <u>Advise USC</u> <u>platform</u> if you have any additional questions.

Please direct advisor questions to on the <u>Advise USC platform</u>. Due to the high number of requests at this time, it may take up to 3 business days to receive a response. Refrain from following up on an email as that will delay response time.

MSCE – Structural 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	If required courses have been completed, choose any approved electives below.
 CE 532: Data Analytics in Civil Engineering (2 units) CE 541: Dynamics of Structures (4 units) 	 CE 501: Architecture, Engineering and Construction Practices (4 units) CE 526: Engineering Mathematical Methods (4 units) CE 533: Geotechnical Earthquake Engineering (4 units) CE 537: Advanced Reinforced Concrete (4 units) CE 538 Prestressed Concrete (2 units) CE 547: Earthquake Engineering: Response of Structures (4 units) CE 599: Seismic Design of Structures (4 units) CE 599: Machine Learning for Civil and Environmental Engineers (4 units)