

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 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.

This is not a comprehensive list of requirements.

Review the USC Catalogue 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> platform 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.

MS Transportation Systems Management 32-35 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.

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ll-time enrollment.		
	Please Enroll	If required courses have been completed, choose any

- CE 501: Architecture, Engineering and Construction Practices (4 units)
- SAE 515: Sustainable Infrastructure Systems (3
- SAE 541: Systems Engineering Theory and Practice (3 units)
- SAE 549: Systems Architecting (3 units)
- ISE 500: Statistics for Engineering Managers (3 units)
- SSCI 585: Geospatial Technology Project Management (4 units)

- approved electives below.
 CE 583: Design of Transportation Infrastructure (4 units)
- SSCI 582: Spatial Databases (4 units)
- SSCI 583: Spatial Analysis and Modeling (4 units)
- SAE 541: Systems Engineering Theory and Practice (3 units)
- SAE 548: Systems/System-of-Systems Integration and Communication (3 units)
- SAE 549: Systems Architecting (3 units)
- SAE 560: Economic Considerations for Systems Engineering (3 units)