MS in Civil and Environmental Engineering (Construction Engineering Emphasis)

An MS degree is comprised of a minimum of 45 units of 400/500 level coursework. Level 500 coursework should not be less than 60% of the total units required for graduation. The following flowchart suggests courses consistent with a Construction Engineering Emphasis within the CE/ENVE department. For students on the **Comprehensive Exam option**, students need to complete the required 45 units while students on the thesis option need to complete 9 units towards their thesis. The flowchart contains department and elective courses within and outside the CE/ENVE Department. It is important to note that courses need to be selected from the list below in consultation with the **academic advisor**.

	Select <u>ALL</u> courses in this list:
	CE 591 (1) – Graduate Seminar I (F)
M.S	CE 592 (1) – Graduate Seminar II (W)
Department	CE 599 (9) [*] - Master's Thesis
Requirements	OR
-	CE 596 (1) - Comprehensive Exam (for project based)

	Electives II
Recommended	CM 413 (5) - Jobsite Construction Management CRP 504 (4) - Sustainable Communities CE 559 (4) - Prestressed Concrete Design CE 557 (4) - Seismic Analysis and Design CRP 458 (4) - Local Hazard Mitigation Planning and Design

- 1. Students may select civil engineering elective courses from the list or choose courses of the areas of their interest with a consultation with their graduate advisor.
- 2. For all courses, check availability and required prerequisites with the catalog.