



Civil Engineering Master's Degree Program Requirement Checklist

Before Proceeding to MS Program:

- Qualifying courses (if any) have been completed with a grade point average of 3.0 or above.
- Prerequisites to the degree program, if any, have been completed (e.g. non-ABET undergraduate degree).

University Requirements

http://ecatalog.calstatela.edu/preview_program.php?catoid=11&poid=3427&hl=civil+engineering&returnto=search

- Minimum of 30 units is required.
- Minimum 3.0 GPA required of all courses on the approved Study Plan. A grade of C is allowed; however, a grade of C- or below requires that the course be repeated with both grades computed in the GPA calculation.
- At least 15 units of 5000-level courses.
- Graduate students are required to satisfy the graduation writing assessment requirement (GWAR). Students are considered to have met the GWAR requirement upon admission to the university if they (1) earned a bachelor's degree or higher from an accredited college or university where English is the medium of instruction; or (2) attained a score of 41 or better on the writing portion of the California Basic Educational Skills Test (CBEST) or a score of 4 on the analytic writing portion of the GRE or the GMAT.

Graduate students must satisfy this requirement before completing 12 semester units. Graduate students may take the writing proficiency exam once. Students who do not pass are required to pass the designated GWAR course. Students who do not satisfy the GWAR requirement within their first 12 units may be subject to a registration hold. Students must satisfy this Graduate Writing Requirement in order to be Advanced to Candidacy. Check Catalog for details.

- At least 21 semester units in residence at Cal State LA.

CE Program Requirements

- MATH 4021 or ME 4090 (or equivalent) – Check with advisor before taking equivalent course.
- At least 15 units of CE 5000 level classes.
- At least 21 units in Civil Engineering. Up to 6 units of 4000 and 5000-level courses outside of civil engineering are allowed with advisor approval.

Advancement to Candidacy

- Completion of a minimum of 12 semester units of the Master's degree study plan with an overall GPA of 3.0 or higher.
- Satisfaction of Graduation Writing Assessment.
- Approved Master's degree study plan.
- Completion of MATH 4021 or ME 4090 with a grade of C or higher.

Note: Only students who have been Advanced to Candidacy are eligible for the comprehensive exam or thesis.

Comprehensive Examination or Thesis

- With Advisor approval select either CE 5960 – Comprehensive Exam (0 units) or CE5990 – Thesis (3 units). In either case a major GPA of at least 3.0 is required to enroll in these classes.

Enrollment in CE 5960 – Comprehensive Exam will only be allowed during the semester in which the student has completed or is completing ALL coursework. If choosing the Comprehensive Exam option you may apply up to 3 units of CE 5980 – Graduate Directed Study toward the degree.

If choosing the Thesis Option you may apply up to 3 units of CE 5970 – Graduate Research, plus 3 units of CE 5990 – Thesis (for a combined total of 6 units) toward the degree.