

2019/2020 curriculum	Proposed 2020/2021 curriculum
M.S. Civil Engineering	M.S. Civil Engineering
Geotechnical Engineering	Geotechnical Engineering
<i>Required Graduate Courses.</i> Civil and Environmental Engineering 220, 221, 223, 224 . <i>Major Elective Courses.</i> Civil and Environmental Engineering 225, 226, 227, 228, C239, 245.	<i>Required Graduate Courses.</i> Civil and Environmental Engineering 220, 221, 223. <i>Major Elective Courses.</i> Civil and Environmental Engineering 224 , 225, 226, 227, 228, C239, 245.
Structural Mechanics	Structural Mechanics
<i>Required Graduate Courses.</i> Civil and Environmental Engineering 232, 235A, 235B, 236 , M237A. <i>Elective Courses.</i> Undergraduate - maximum of two courses from Civil and Environmental Engineering M135C, 137L ; Graduate: Civil and Environmental Engineering M230A, M230B, M230C, 233, 235C, 238 , C239, 244 , 246, 247, Mechanical and Aerospace Engineering 269B.	<i>Required Graduate Courses.</i> Civil and Environmental Engineering 232, 235A, 235B, M237A, 244 . <i>Elective Courses.</i> Undergraduate - maximum of two courses from Civil and Environmental Engineering M135C; Graduate: Civil and Environmental Engineering M230A, M230B, M230C, 233, 235C, C239, 246, 247, Mechanical and Aerospace Engineering 269B.
Structural/Earthquake Engineering	Structural/Earthquake Engineering
<i>Required Graduate Courses.</i> Civil and Environmental Engineering 235A, C239 and 246 and at least three courses from Civil and Environmental Engineering 235B, 241, 243A, 243B , 244, 245, 247. <i>Elective Courses.</i> Undergraduate - no more than two courses from Civil and Environmental Engineering M135C, 143 and either 141 or 142 (whichever was not used as a requisite for graduate courses). Geotechnical Area: Civil and Environmental Engineering 220, 221, 222, 223, 225, 227. General Graduate: Civil and Environmental Engineering M230A, M230B, M230C, 232, 233, 235B, 235C, 236, M237A, 238 , C239, 241, 243A, 243B, 244, 245, 247, Mechanical and Aerospace Engineering 269B.	<i>Required Graduate Courses.</i> Civil and Environmental Engineering 235A, C239 and 246 and at least two courses from Civil and Environmental Engineering 235B, 241, 243A, 244, 245, 247. <i>Elective Courses.</i> Undergraduate - no more than two courses from Civil and Environmental Engineering M135C, 143 and either 141 or 142 (whichever was not used as a requisite for graduate courses). Geotechnical Area: Civil and Environmental Engineering 220, 221, 222, 223, 225, 227. General Graduate: Civil and Environmental Engineering M230A, M230B, M230C, 232, 233, 235B, 235C, 236, M237A, C239, 241, 243A, 243B, 244, 245, 247, Mechanical and Aerospace Engineering 269B.
Ph.D. Civil Engineering	Ph.D. Civil Engineering
Course Requirements	Course Requirements
There is no formal course requirement for the Ph.D. degree, and one may theoretically substitute course work by examinations. Normally, however, the student takes courses to acquire the knowledge needed for the written preliminary examinations. The basic program of study for the Ph.D. degree is built	Ph.D. students are required to take five courses that will serve as the basis for the written portion of the preliminary exam. If comparable courses have been taken elsewhere, the students may satisfy this requirement with approval of the advisor. Students will take a <i>minimum</i> of four additional courses, as defined in their Ph.D. program of study, which must be approved by

<p>around one major field and one super-minor field or two minor fields. A super-minor field is comprised of a body of knowledge equivalent to five courses, at least three of which are at the graduate level. When two minor fields are selected, each minor field normally comprises a body of knowledge equivalent to three courses, at least two of which are at the graduate level. The minimum acceptable grade point average for the minor fields is 3.25. If the student fails to satisfy the minor field requirements through course work, a minor field examination may be taken (once only). The minor fields are chosen to support the major field and are usually subsets of other major fields. A minimum 3.25 grade point average is required of all course work. In addition, Ph.D. students must enroll in CEE 200 seminar each quarter until Advancement to Candidacy. Students who have completed graduate level course work prior to UCLA may apply course work toward one of the following: Ph.D. major field, one minor, or super-minor. At least 50% of course work applied toward Ph.D. program must be completed at UCLA, unless petition has been approved by the department.</p>	<p>the student's advisor. A minimum 3.25 grade point average is required of all course work. In addition, Ph.D. students must enroll in CEE 200 seminar each quarter until Advancement to Candidacy. At least 50% of course work applied toward Ph.D. program must be completed at UCLA, unless petition has been approved by the department.</p>
<p>Written and Oral Qualifying Examinations</p>	<p>Written and Oral Qualifying Examinations</p>
<p>After passing the preliminary examination and substantially completing all minor field course work, the student is eligible to take the University Oral Qualifying Examination.</p>	<p>After passing the preliminary examination, the student is eligible to take the University Oral Qualifying Examination.</p>