

College of Engineering

Major	Courses
Chemical and Biological Engineering	<p>Choose 15 credits from the following courses:</p> <ol style="list-style-type: none"> 1) Honors section or option of 200 level class required in the major, such as MATH261, CIVE260, CIVE261 (3-4 credits maximum) 2) Honors science/mathematics courses required in the CBE major: MB300H, CHEM345H, CHEM346H, MATH340H; others at the 300 level or higher as approved by the CBE Honors advisor (3-9 credits) 3) Required Chemical and Biological Engineering Honors or graduate-level courses: CBE406H, CBE501, CBE502, CBE503, CBE504, CBE 514; others at the 300 level or higher as approved by the CBE honors advisor (3-9 credits) <p>Options:</p> <ol style="list-style-type: none"> (a) Honors options of 300-level or higher courses may be used to satisfy the requirements in the science/math or CBE categories with agreement of the instructor and approval of the CBE honors advisor; (b) up to 3 credits of undergraduate research/independent study may be used toward the 15 credit total if this research is unpaid and is conducted at the junior or senior level, if a research plan is approved by the CBE Honors advisor, and if a final research report is approved by the CBE Honors advisor.
Civil Engineering	<p>Choose 15 credits from the following courses:</p> <ol style="list-style-type: none"> 1) Honors section or option of 200 level class required by the major, such as MATH261, CIVE260 or CIVE261 (3-4 credits maximum) 2) Required Honors science/mathematics courses closely related to the Civil Engineering major: MIP300H, MATH340H; others at the 300 level or higher as approved by the CE Honors advisor (4 credits maximum) 3) Required Civil Engineering Honors or graduate-level courses CIVE 322 H, CIVE 360 H; others at the 300 level or higher as approved by the CE Honors advisor (3-9 credits) <p>Options:</p> <ol style="list-style-type: none"> (a) Honors options of 300-level or higher courses may be used to satisfy the requirements in the science/math or CE categories with agreement of the instructor and approval of the CE Honors advisor; (b) up to 3 credits of undergraduate research/independent study may be used toward the 15 credit total if this research is unpaid and is conducted at the junior or senior level, if a research plan is approved by the CE Honors advisor,

	<p>and if a final research report is approved by the CE Honors advisor.</p> <p>Note: A limit of 6 credits maximum will be awarded for Honors options, graduate courses, or undergraduate research; no more than 3 credits can be applied through independent study, internships, or field related courses</p>
Environmental Engineering	<p>Choose 15 credits from the following courses:</p> <ol style="list-style-type: none"> 1) Honors section or option of 200 level class required by the major, such as MATH261, CIVE260 or CIVE261 (3-4 credits maximum) 2) Required Honors science/mathematics courses closely related to the Environmental Engineering major: MIP300H, MATH340H; others at the 300 level or higher as approved by the ENVE Honors advisor (3-9 credits) 3) Required Civil or Environmental Engineering Honors or graduate-level courses: CIVE322H, CIVE360; others at the 300 level or higher as approved by the ENVE Honors advisor (3-9 credits) <p>Options:</p> <ol style="list-style-type: none"> (a) Honors options of 300-level or higher courses may be used to satisfy the requirements in the science/math or ENVE categories with agreement of the instructor and approval of the ENVE Honors advisor; (b) up to 3 credits of undergraduate research/independent study may be used toward the 15 credit total if this research is unpaid and is conducted at the junior or senior level, if a research plan is approved by the ENVE Honors advisor, and if a final research report is approved by the ENVE Honors advisor. <p>Note: A limit of 9 credits maximum will be awarded for Honors options, graduate courses, or undergraduate research; no more than 3 credits can be applied through independent study, internships, or field related courses.</p>
Mechanical Engineering	<p>Choose 15 credits from the following courses:</p> <ol style="list-style-type: none"> 1) Honors option or section of 200 level class required in the major, such as MATH261, CIVE260, CIVE261, MECH202 (3-4 credits maximum) 2) Honors sections of the following required courses: MATH340, MECH342 3) Graduate courses: MECH520, MECH524, MECH536, MECH552, MECH570- (6 credits required)
Computer Engineering	<p>Choose 15 credits from the following courses:</p> <ol style="list-style-type: none"> 1) Honors section or option of 200 level class required in the major, such as

	<p>MATH261, CS200, ECE202, ECE251 (3-4 credits maximum)</p> <p>2) MATH 340 (4 credits required)</p> <p>3) Honors sections or options: ECE311, ECE312, ECE331, ECE332, ECE303, ECE4XXH,</p> <p>4) Graduate level class: ECE5XX</p>
Electrical Engineering	<p>Choose 15 credits from the following courses:</p> <p>1) Honors section or option of 200 level class required in the major, such as MATH261, ECE202, ECE251 (3-4 credits maximum)</p> <p>2) MATH 340 (4 credits required)</p> <p>3) Honors sections or options: ECE311, ECE312, ECE331, ECE332, ECE341, ECE342, ECE303, ECE4XXH</p> <p>4) Graduate level class: ECE 5XX</p>