

CIVIL ENGINEERING

Curriculum for Classes of 2010 and Beyond

Freshman	Sophomore	Junior	Senior
<input type="checkbox"/> Math 131 (4) F Sp 20__	<input type="checkbox"/> Math 132 (4) F Sp 20__	<input type="checkbox"/> CEE 241 (4) F Sp 20__	<input type="checkbox"/> CEE 486 ⁹ (4) F Sp 20__
<input type="checkbox"/> Engin 111 (3) F Sp 20__	<input type="checkbox"/> CEE 121 (3) F Sp 20__	<input type="checkbox"/> CEE 250 (3) F Sp 20__	<input type="checkbox"/> CEE EL ⁵ (3) F Sp 20__ Course____ ES/ED____/____
<input type="checkbox"/> EngWP 112 ¹ (3) F Sp 20__	<input checked="" type="checkbox"/> Phys 151/153 (4) F Sp 20__	<input type="checkbox"/> Math 331 (3) F Sp 20__	<input type="checkbox"/> CEE EL ⁵ (3) F Sp 20__ Course____ ES/ED____/____
<input type="checkbox"/> Chem 111 (4) F Sp 20__	<input type="checkbox"/> Chem 112 (4) F Sp 20__	<input type="checkbox"/> CEE 270 ³ (3) F Sp 20__	<input type="checkbox"/> CEE TR ⁶ EL (3) F Sp 20__ Course____ ES/ED____/____
Classes below meet UMass general education requirements and may be taken in any order. Check catalog for prerequisites.			
<input type="checkbox"/> Bio.Sci. Elective ⁴ (3) F Sp 20__ Course____	<input type="checkbox"/> ECON 103 ² or 104 ² (3) F Sp 20__	<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	<input type="checkbox"/> CEE GT ⁷ EL (3) F Sp 20__ Course____ ES/ED____/____
<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	<input type="checkbox"/> Free EL ⁸ (3) F Sp 20__ Course____ ES/ED____/____
<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	<input type="checkbox"/> Soc. World Elective ² (3) F Sp 20__ Course____	

Notes: Solid arrows indicate prerequisites, broken arrows indicate co-requisites. Graduation clearance requires a 2.0 University Cum. and a 2.0 Major Cum.

1. EngWP 112 and Engin 351 meet UMass communication skills requirements.	5. Civil Engineering elective: any 300 level or higher CEE course.
2. Social world requirement: 6 courses, one with <u>G</u> and one with <u>U</u> designation. ECON 103 or 104 ____ HS ____ AL ____ HS, AL, AT, SB, I or SI ____ AL, AT, I or SI ____ SB, I or SI ____	6. TR elective: any 300 level or higher CEE Transportation area course.
3. Additional prerequisites shown in parentheses: 240 (Phys. 151/153 co-requisite), 250 (Phys 151/153), 270 (Engin 111; Math 132); 320 (241); 357 (240); 370 (Chem 112).	7. GT elective: any 300 level or higher CEE Geotechnical area course.
4. Biological sciences requirement - any course with BS designation.	8. Free elective: course is selected in consultation with advisor.
	9. CEE 486 has these prerequisites: 310, 320, 371, 433 or 434
	Engineering science (ES): 29.5 credits in req. + 2.5 needed from electives = 32 total Engineering design (ED): 12.5 in credits req. + 3.5 needed from electives = 16 total