

## Lamar University Undergraduate Degree Requirements

Name of Degree:	<b>BS Civil Engineering</b>
<b>All students must satisfy provisions of the Texas Success Initiative program, which are listed elsewhere in this catalog. Developmental courses do not count toward this degree plan.</b>	
I. Special Requirements within the Philosophy of Knowledge Core Curriculum and Physical Activity:	MATH 2413, 2414 CHEM 1411 PHYS 2425 PHYS 2426 INEN 2373
2. Required Courses for major	COSC 1371 Intro to Computers CVEN 2301 Statics MEEN 2302 Dynamics CVEN 2270 Surveying CVEN 2372 Mechanics of Solids INEN 1101 Intro to Engineering CHEN 2374 Thermodynamics I CVEN 3310 Water Chem in Env. Engr CVEN 3340 Structural analysis CVEN 3350 Hydraulics CVEN 3290 Engr Probability & Statistics CVEN 3200 Materials Engineering CVEN 3370 Water & Wastewater Treatment CVEN 3390 Geotechnical Engineering CVEN 3360 Engineering Hydrology CVEN 4212 CE Systems Design Proj. CVEN 4320 Project Mgmt Engr CVEN 4340 Foundation Engr CVEN 4380 Reinforced Concrete Design CVEN 4110 Seminar CVEN 4350 Hydraulic Engineering CVEN 4390 Structural Steel Design CVEN ELECTIVE 6 hours MATH 2318 Linear Algebra MATH 3301 Differential Equations MATH 2415 Calculus III
3. Free Electives	None

4. Other requirements	SCIENCE ELECTIVE (from GEOL 1403, BIOL 1406, PHYS 3350)
5. Minor	Not required
TOTAL number of required hours:	131 hours