

# [BS Civil Engineering\\*](#)

[Admission requirements for domestic students](#)

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<b>To: California State University, Chico</b> 2019-2020 General Catalog, Semester	<b>From: Broward College</b> 2019-2020 General Catalog, Semester	
<b>LOWER DIVISION MAJOR REQUIREMENTS</b>		
<b>Enrollment in any mathematics courses requires a C- or higher in all prerequisite transfer equivalent courses</b>		
<b>All courses in this section are required</b>		
CHEM 111: General Chemistry (4.0)	←←←	CHM1045**: General Chemistry I (3.0)  <b>AND</b> CHM1045L**: General Chemistry I Laboratory (1.0)
CIVL 101: Introduction to Civil Engineering (1.0)	←←←	EGS1001: Introduction to Engineering (3.0)
CIVL 130: Surveying (3.0)	←←←	No Comparable Course
CIVL 140: Transportation Planning, Surveying, and Graphics (3.0)	←←←	No Comparable Course
CIVL 175: Biological Processes in Environmental Engineering (3.0)	←←←	No Comparable Course
CIVL 211: Statics (3.0)	←←←	No Comparable Course
CIVL 231: Introduction to Environmental Engineering (3.0)	←←←	No Comparable Course
MATH 120: Analytic Geometry and Calculus (4.0)	←←←	MAC2311**: Calculus & Analytical Geometry I (5.0)
MATH 121: Analytic Geometry and Calculus (4.0)	←←←	MAC2312: Calculus & Analytical Geometry II (5.0)
MATH 260: Elementary Differential Equations (4.0)	←←←	No Comparable Course
MECH 208: Introduction to Technical Computing (2.0)	←←←	No Comparable Course
PHYS 204A: Physics for Students of Science and Engineering: Mechanics (4.0)	←←←	PHY2048**: General Physics with Calculus I (4.0)  <b>AND</b> PHY2048L**: General Physics with Calculus I Laboratory (1.0)
PHYS 204B: Physics for Students of Science and Engineering: Electricity and Magnetism (4.0)	←←←	PHY2049: General Physics with Calculus II (4.0)  <b>AND</b> PHY2049L: General Physics with Calculus II Laboratory (1.0)

## BS Civil Engineering Continued

Select 1 course from the following:		
BIOL 211: Allied Health Microbiology (4.0)	←←←	MCB3020: General Microbiology (3.0) <b>AND</b> MCB3020L: General Microbiology Laboratory (1.0)
CHEM 112: General Chemistry (4.0)	←←←	CHM1046: General Chemistry II (3.0) <b>AND</b> CHM1046L: General Chemistry II Laboratory (1.0)
GEOS 102: Physical Geology (3.0)	←←←	GLY1010**: Physical Geology (3.0) <b>AND</b> GLY1010L**: Physical Geology Laboratory (1.0)
PHYS 204C: Physics for Students of Science and Engineering: Heat, Wave Motion, Sound, Light, and Modern Topics (4.0)	←←←	No Comparable Course
Select 1 course from the following:		
CIVL 212: Civil Engineering Materials (3.0)	←←←	No Course Articulated
MECH 210: Materials Science and Engineering (3.0)	←←←	No Course Articulated

\*This major is a high unit major with general education (GE) modifications. The approved GE modifications can be found in the University Catalog on the [major page](#) or the [Majors with Important Modifications to General Education Requirements](#) page.

\*\*Course double counts for GE requirement. See [CSU, Chico General Education \(GE\) Requirements](#) for listing of GE requirements with equivalent Broward College courses.

Note: All Broward College course articulations and equivalencies can be found in the [TES system](#).