

BS Mechatronic Engineering*

[Admission requirements for domestic students](#)

[Admission requirements for international students](#)

To: California State University, Chico 2019-2020 General Catalog, Semester	From: Broward College 2019-2020 General Catalog, Semester	
LOWER DIVISION MAJOR REQUIREMENTS		
Enrollment in any mathematics courses requires a C- or higher in all prerequisite transfer equivalent courses		
All courses in this section are required		
CHEM 111: General Chemistry (4.0)	←←←	CHM1045**: General Chemistry I (3.0) AND CHM1045L**: General Chemistry I Laboratory (1.0)
CIVL 211: Statics (3.0)	←←←	No Comparable Course
CSCI 111: Programming and Algorithms I (4.0)	←←←	No Course Articulated
EECE 144: Logic Design Fundamentals (4.0)	←←←	No Comparable Course
EECE 211: Linear Circuits I (3.0)	←←←	No Course Articulated
EECE 211L: Linear Circuits I Activity (1.0)	←←←	No Course Articulated
EECE 237: Embedded Systems Development (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
MECA 140: Introduction to Engineering Design and Automation (2.0)	←←←	No Comparable Course
MECH 100: Graphics I (1.0)	←←←	No Comparable Course
MECH 100L: Graphics I Laboratory (1.0)	←←←	No Comparable Course
MECH 200: Graphics II (2.0)	←←←	No Comparable Course
MECH 210: Materials Science and Engineering (3.0)	←←←	No Comparable Course
MECH 210L: Materials Science and Engineering Laboratory (1.0)	←←←	No Comparable Course

BS Mechatronic Engineering Continued

All courses in this section are required		
PHYS 204A: Physics for Students of Science and Engineering: Mechanics (4.0)	←←←	PHY2048**: General Physics with Calculus I (4.0) AND 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) AND PHY2049L: General Physics with Calculus II 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
SMFG 160: Manufacturing Processes (3.0)	←←←	No Comparable Course

*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](#).