

FRESHMAN			SOPHMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
<b>15 units</b>	<b>15 units</b>	<b>15-16 units</b>	<b>19 units</b>	<b>15 units</b>	<b>17 units</b>	<b>18 units</b>	<b>19 units</b>	<b>16 units</b>	<b>19 units</b>	<b>16 units</b>	<b>14 units</b>
Intr. To Engr. <b>ENGR 110</b>	BMED Cal. <b>BMED111</b> (Math 142c†)		Intr. BMED Desgn <b>BMED 212</b> (Math 143†)	Engr. Statics <b>ME 211</b> (MATH 241c & PHYS 141)	Mechanics of Materials <b>CE 204</b> (ME 211)	BMED Meas. & Analysis <b>BMED 310</b> (ME 211†)	Biomechanics <b>BMED 410</b> (ME 212, BMED 310†)	BMED Transport <b>BMED 425</b> (ME 302, BMED 310†)	Biomed Modeling <b>BMED 430</b> (BMED 420†)	Senior Project	Spec. Topic In BMED <b>BMED 450</b> (Sr. Standing)
Calculus I <b>MATH 141</b> **	Calculus II <b>MATH 142</b> (MATH 141 w/ ≥C-†)	Calculus III <b>MATH 143</b> (MATH 142)	Calculus IV <b>MATH 241</b> (MATH 143)	Linear Analysis <b>MATH 244</b> (MATH 143†)	*Math & Science Elective I	Materials Engr. <b>MATE 210</b> (CHEM 124, MATH 141, PHYS 141)	Biomaterials <b>BMED 420</b> (ME 212, BMED 310†)	*Math & Science Elective III	Bioelec. and Instr. <b>BMED 440</b> (EE 201, BMED 310†)	*Math & Science Elective IV	BMED Design II <b>BMED 456</b> (ME 341, BMED 410†)
	Gen. Physics I <b>PHYS 141</b> (MATH 141 w/ ≥C-, Math 142c)	Gen. Physics II <b>PHYS 132</b> (PHYS 141)	Gen. Physics III <b>PHYS 133</b> (PHYS 141, MATH 142)		Electric Circuit <b>EE 201</b> (MATH 244, PHYS 133)	Engr. Econ. <b>IME 314</b> (MATH 241)	Thermodyn <b>ME 302</b> (PHYS 132 & ME 212)	*Advisor Approved Technical Elective III	Fluid Mechanics <b>ME 341</b> (ME 212)	BMED Desgn I <b>BMED 455</b> (ME 341, BMED 410†)	Engr Phys <b>BMED 460</b> (ZOO 331 or Equiv., BMED 310†)
Gen. Chem <b>CHEM 124</b> **	Gen. Chem <b>CHEM 125</b> (CHEM 124†)	Fund. CSC <b>CSC 101 or CSC 234</b> **	Technical Writing <b>*ENGL 149</b> **	Intro to Cell Mol. Bio <b>Bio161</b> **	Engr. Dynamics <b>ME 212</b> (MATH 241 & ME 211)	*Math & Science Elective II	*Advisor Approved Technical Elective I		*Lit/Phil/Arts (300-400 level) <b>C4</b> **		*Advisor Approved Technical Elective IV
*Writing: Expo <b>ENGL 134</b> A1		*Communi-cation <b>SCOM 101/102</b> A2	Comparative Social Institutions* <b>D3</b>	*Political Economy <b>D2</b>	*American Experience <b>D1</b>	*Literature <b>C1</b> **	*Advisor Approved Technical Elective II	*Philosophy <b>C2</b> **	*Self Development <b>D4</b>	*Fine and Performing Arts <b>C3</b>	
					USCP				GWR		

\* The placement of these courses does not imply that they must be taken in the quarter indicated. Subject to satisfaction of prerequisites, courses can be taken at a time convenient for the student and a time which meshes with the ability of the offering department to meet demand. Please note that this course sequence is not THE path to the BMED BS degree, it is A path to the BMED BS degree.

\*\* Refer to current catalog for pre-requisites.

Check for automatic substitutions at <http://www.eadvise@calpoly.edu>