

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Intro to IME IME 101	Intro.to Design & Mfg. IME 144 (IME 130 or high school drafting)	Mfg. Proc. Matrls Joining IME 142	Process Des. I IME 241 (IME 144, PHYS 141)	Work Design & Meas. IME 223 (Math 141, *** IME 101)	Mechanics of Materials CE 204 (ME 211)	Engr. Econ IME 314 (MATH 241)	Tool Engr. IME 341 (IME 241, CE 204, MATH 244, PHYS 133 MATE 210)	Mfg. Systems Integration IME 342 (IME 223, MATH 241; STAT 321 ***)	Prod-Proc. Des IME 418 (IME 341, 356 or instructor consent)	Mfg. Des. & Implementn. I IME 455 (IME 418)	Approved Technical Elective ** 4 Units
Mfg. Processes IME 141	PHYS 141 *	General Physics PHYS 132 (PHYS 141)	PHYS 133 (PHYS 141 MATH 142)	Engr. Dynamics ME 212 (ME 211 & MATH 241)	Stat. Methods STAT 321 (MATH 142)	Elctr. Circuit Theory EE 201 (MATH 244 & PHYS 133)	Engr. Test Des. & Analysis IME 326 (STAT 321 w/C- or better)	Mfg. Auto. IME 356 (EE 321)	Computer- Aided Mfg. I IME 335 (IME 144, CSC 232, or instructor consent)	Quality Engr. IME 430 (IME 326 or equiv.)	American Exp. GEB [D1]
MATH 141 *	Calculus I, II & III MATH 142 (MATH 141: ≥ C-)	MATH 143 (MATH 142)	Calculus IV MATH 241 (MATH 143)	Linear Anl. I MATH 244 (MATH 143 or instructor consent)	Bio. & Bio. Engr. BIO 213 & ENGR/BRAE 213 (MATH 142 & CHEM 124) [B2]	Electric Circuits Lab EE 251 (EE 201 †)	Proc. Des. II IME 352 (IME 141, 142, 241, MATE 210/215 CE 204)	Approved Technical Elective ** 4 Units	Supply Chain and & Logistics Mgmt. IME 417 (IME 342 or 410 or instructor consent)	Senior Project IME 481 (Sr. Standing in major and instructor consent*)	
Electronics Mfg. IME 157	General Chemistry CHEM 124 *	CHEM 125 (CHEM 124 or instructor consent)	Engr. Statics ME 211 (MATH 241 or †, PHYS 141)	Fine/Perform. Arts GEB [C3]	Materials Engr. MATE 210 (CHEM 124, MATH 141 PHYS 141)	Thermodynamics ME 302 (ME 212, PHYS 132)	Electronics EE 321 (EE 201)	Approved Technical Elective ** 4 Units	Social Institutions GEB [D3]	Lit/Phil/Arts 300-400 Level GEB * [C4]	Self Dev. CSU Area E GEB [D4]
Writing Exposition ENGL 134' *	Pub. Speaking /Speech Com COMS 101/102	Computer Prog. CSC 232 (MATH 118 or equiv.)	Tech. Writing ENGL 149 (completion of A1 + A2) * [A3]	Political Econ. Elective GEB [D2]	Materials Engr. Lab MATE 215 (MATE 210 pre- requisite or †)	Literature El. GEB * [C1]		Philosophy PHIL 230/231 (completion of GE area A) [C2]			
14	20	17	19	19	15	14	15	19	16	13	15
										TOTAL:	196

Notes:

COURSES CAN BE TAKEN IN ANY CHOSEN ORDER, AS LONG AS PREREQUISITES ARE MET.

¹ May be taken any quarter of freshman year.

* Refer to current catalog for prerequisites.

** Technical Electives: Student must select with the approval of faculty advisor.

Technical Elective form required. Technical Elective Units must total 12.

*** Recommended

† Concurrent

For catalog changes refer to www.eadvise.calpoly.edu

Refer to the 2007-2009 Catalog for GE & B course selection, multidisciplinary requirement, cultural pluralism (USCP) requirement and Graduate Writing Requirement (GWR).

Please refer to www.ime.calpoly.edu for Advisor Approved Technical Electives.