

FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Intro to IME IME 101	Work Design & Meas. IME 223 (Math 141, *** IME 101)	Process Des. I IME 241 (IME 144, PHYS 131)	Mechanics of Materials CE 204 (ME 211)	Engr. Econ IME 314 (MATH 241)	Mfg. Systems Integration IME 342 (IME 223, MATH 241, STAT 312 ***)	Prod. Proc. Des IME 418 (IME 314, 341, 356, 342 or equiv. ***)	Mfg. Des. & Implement. I IME 455 (IME 418, *** IME 430 †)
Mfg. Processes IME 141	PHYS 131 * [B3/B4]	General Physics PHYS 132 (PHYS 131, or 141 or HNRS 131) [B3/B4]	Stat. Methods STAT 312 (MATH 142) [B6]	Elctr. Circuit Theory EE 201 (MATH 244 & PHYS 133)	Mfg. Auto. IME 356 (EE 321)	Engr. Test Des. & Analysis IME 326 (STAT 312)	Philosophy PHIL 230/231 (completion of GE area A) [C2]
MATH 141 * [B1]	MATH 143 (MATH 142) [Add'l Area B]	Calculus IV MATH 241 (MATH 143)	Linear Anal. I MATH 244 (MATH 143 or instructor consent)	Electric Circuits Lab EE 251 (EE 201 †)	Approved Technical Elective ** 4 Units	Approved Technical Elective ** 4 Units	Senior Project IME 482 (IME 481) *
General Chemistry CHEM 124 * [B3/B4]	Mfg. Proc: Mater. Joining IME 142	Engr. Statics ME 211 (MATH 241 or †, PHYS 131)	Materials Engr. MATE 210 (CHEM 124 or 127, MATH 141, PHYS 131)	Thermodynamics ME 302 (ME 212, PHYS 132)	Approved Technical Elective ** 4 Units	Lib/Phil/Arts 300-400 Level GEB [C4]	Self Dev. CSU Area E GEB [D4]
Writing Exposition ENGL 134 [A1]	Computer Prog. CSC 232 (MATH 118 or equiv.)	Tech. Writing ENGL 149 (completion of A1 + A2) * [A3]	Materials Engr. Lab MATE 215 (MATE 210 pre- requisite or †)	Literature EL GEB [C1]	American Exp. GEB [D1]	TOTAL: 196	
14	20	19	15	14	19	12	14

Notes:

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

* Refer to current catalog for prerequisites.

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

*** Recommended Technical Elective form required. Technical Elective Units must total 16.

† Concurrent

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

Refer to the 2005-2007 Catalog for GE & B course selection, cultural pluralism (USCP) requirement and Graduate Writing Requirement (GWR).

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