

GENERAL ENGINEERING

2026-2028 Semester Catalog
THIS IS AN UNOFFICIAL EXAMPLE

Fall 2026 Transfer Flowchart
 Individualized Course of Study
 2-Year

TOTAL SEMESTER UNITS REQUIRED : 120

Catalog Notes & Suggestions
 Below is an example of a pathway for a transfer student who is **on the Semester Catalog**.

NOTE ABOUT TRANSFER CREDIT

Below is a list of courses that you may have transfer credit for. Anything not transferred, needs to be added to your graduation plan, which may result in additional terms.

POTENTIAL CAL POLY EQUIVALENT CREDIT				YEAR ONE 2026-2027		YEAR TWO 2027-2028	
				FALL	SPRING	FALL	SPRING
Introduction to Engineering ENGR 1110 (1)	<i>GENE Transfer Students do not take ENGR 1110. 1 unit of an engineering intro course from a previous institution may be substituted.</i>			Introduction to Mechanics ENGR 2211 (4) <small>MATH 1262 and PHYS 1141</small>	Intro to Engineering Dynamics ENGR 2212 (2) <small>ARCE 1121, ENGR 2211, or ME 2210</small>	Interdisciplinary Senior Project I ENGR 4460 (2) <small>Senior Standing and Instructor consent</small>	Interdisciplinary Senior Project II ENGR 4461 (2) <small>ENGR 4460</small>
Programming for Scientists and Engineers CSC 1032 (3) *	Circuits & Electronics for Non-Majors EE 2115 (3) & EE 2115L (1) *	Principles of Materials Engineering for Non-Majors & Laboratory MATE 1220 (2) & MATE 1215 (1) *	Fundamentals of Chemical Structure and Properties CHEM 1120 (4) <small>[GE 5A & 5C]</small>	Financial Decision Making for Engineers IME 2315 (2)	Ethical Engineering for the Anthropocene ENGR 3310 (2) <small>ENGR 1110 & GENE major; Rec: PHIL 3323 or ES/WGQS 3350</small>	Thermodynamics ME 3302 (3) <small>CHEM 1120; ME 2204 & ME 2210 or ENGR 2211; MATH 2263</small>	Technical Elective (3) **
Calculus I MATH 1261 (4) <small>MATH 1005 or MATH 1007 with C- or better [GE 2]</small>	Calculus II MATH 1262 (4) <small>MATH 1261 with C- or better</small>	Calculus III MATH 2263 (3) <small>MATH 1262 or MATH 1263</small>	General Physics I PHYS 1141 (4) <small>Co-req: MATH 1261</small>	Engineering Statistics STAT 3210 (3) * <small>[GE UD 2 or 5]</small>	Technical Graphics Communication for Design & Manufacturing IME 1140 (1) <small>Rec: IME 1143</small>	Technical Elective (3) **	Technical Elective (3) **
General Physics II PHYS 1143 (4) <small>PHYS 1141 Co-req: MATH 1262</small>	Written Communication GE 1A (3) *	Critical Thinking GE 1B (3) *	Oral Communication GE 1C (3) *	Gender, Race, Culture, Science & Technology WGQS 3350 -or- WGQS 3351 (4)^ *	Introduction to Design & Manufacturing IME 1143 (2) <small>Co-req: IME 1140 or ME 1148</small>	Technical Elective (3) **	Technical Elective (3) **
Arts GE 3A (3) *	Humanities: Literature, Philosophy, and Languages other than English GE 3B (3) *	American Institutions GE 4A (3) <small>Area 4 courses must come from at least two different prefixes</small>	Social and Behavioral Science GE 4B (3) <small>Area 4 courses must come from at least two different prefixes</small>	Upper-Division Area 3: Arts & Humanities GE UD 3 (3) *	Technical Elective (3) **	Technical Elective (3) **	Technical Elective (3) **
Life Sciences GE 5B (3) *	Ethnic Studies GE 6 (3) *				Technical Elective (2) **		Upper-Division Area 4: Social & Behavioral Sciences GE UD 4 (3)^ <small>Area 4 courses must come from at least two different prefixes</small>
				16 SEM.	12 SEM.	14 SEM.	17 SEM.

Anything not transferred, needs to be added to your plan on the right, which may result in additional terms.

UNITS

Please Note: These flowcharts are an example and not a template of your individualized plan. You will need to consult the Catalog and Degree Progress Report for detailed information about what you need to graduate. Engineering Student Services is available for assistance in this process.

*Refer to current catalog for course requirements

^ Double counting opportunity. Free electives may be needed to meet unit total.

** The Individualized Course of Study consists of 26 units of technical electives with a minimum of 18 of these units at the 3000-4000 level.

Course Color Key

MAJOR	GE
SUPPORT	CONCENTRATION
	FREE ELECTIVE

Additional Requirements

Click the links below to learn more about how to complete these requirements before graduation.

- [U.S. CULTURAL PLURISM \(USCP\)](#)
- [GRADUATION WRITING REQ. \(GWR\)](#)