

Updated 12/6/2013

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
	General Physics IA PHYS 141 (4) (MATH 141 and MATH 142)	General Physics II PHYS 132 (4) (PHYS 131/141 and MATH 142) [B3/B4]	General Physics III PHYS 133 (4) (PHYS 131/141 and MATH 142)	Modern Physics I PHYS 211 (4) (PHYS 132 and 133 and MATH 241)	Modern Physics II PHYS 212 (4) (PHYS 211)	Classical Mechanics I PHYS 302 (4) (PHYS 131 or PHYS 141, MATH 242 or MATH 244)	Thermal Physics PHYS 301 (4) (PHYS 211)	Quantum Mechanics or Solid State Physics PHYS 405 (4) or PHYS 412 (3)¹ *	PHYS/ASTR/GEOL Elective ≥ 300 level⁶ (3-4) *	PHYS/ASTR/GEOL Elective ≥ 300 level⁶ (3-4) *	PHYS/ASTR/GEOL Elective ≥ 300 level⁶ (3-4) *
Calculus I MATH 141¹ (4) * [B1]	Calculus II MATH 142¹ (4) (MATH 141 w/ ≥ C-) [B1]	Calculus III MATH 143¹ (4) (MATH 142 w/ ≥ C-)	Calculus IV MATH 241 (4) (MATH 143)	Linear Analysis I MATH 244 (4) (MATH 143)	MATH/STAT Elective ³ 300-400 level (4) *	Vibration and Waves PHYS 322 (3) (PHYS 132, MATH 242 or MATH 244)	GE (4) **	Philosophy or Ethics Course Choose one: HIST 350 (4)⁵, PHIL 321 (4)⁵, PHIL 421 (4), or SCM 451 (3) *	PHYS/ASTR/GEOL Elective ≥ 300 level⁶ (4) *	Senior Project PHYS 461/463 (2) *	PHYS/ASTR/GEOL Elective ≥ 300 level⁶ (3-4) *
Chemistry I CHEM 127² (4) *	Chemistry II CHEM 128² (4) (CHEM 127)	GE (4) **	GE (4) **	Instrumentation in Experimental Physics PHYS 206 (3) (PHYS 133, MATH 143, concurrent enrollment in PHYS 256)	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **
Free Elective ⁷ (0-2)	Free Elective ⁷ (0-2)	Free Elective ⁷ (0-1)	GE (4) **	Electrical Measurements Laboratory PHYS 256 (1) (PHYS 133, MATH 143, concurrent enrollment in PHYS 206)	Free Elective ⁷ (4)	Free Elective ⁷ (4)	Free Elective ⁷ (4)	Free Elective ⁷ (4)	Free Elective ⁷ (4)	Free Elective ⁷ (4)	Free Elective ⁷ (0-4)
Expository Writing ENGL 133/134 (4)** [A1] Can be taken anytime during Freshman Year											
Oral Communication COMS 101/102 (4)** [A2] Can be taken anytime during Freshman Year											
			Reasoning, Argumentation, & Writing [A3] COMS 126; COMS/ENGL 145; ENGL148; PHIL 126 (4)** (Completion of GE A1 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.								
						Graduation Writing Requirement GWR* (Can be taken any time after 90 earned units)					
12-14	16-18	16-17	16	16	16	15	16	14-16	15-16	13-14	10-16
										TOTAL:	180

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

** One course from each of the following GE areas must be completed: A1, A2, A3, B2, C1, C2, C3, C4, C1-C5 elective, D1, D2, D3, D4, D5 and F.

C4, D5 and F should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, D4, D5 or F.

¹ Calculus workshops (Math 151, 152, 153) are recommended. They require concurrent enrollment in the associated section of Calculus.

² Supplemental Workshops (SCM 150) recommended in your first year. These courses will count for elective credit.

³ MATH 344 Recommended.


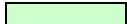

⁴ PHYS 412 is typically offered in Fall quarters.

⁵ Phil 321 will meet the GE C4 requirement; HIST 350 will meet the D5 requirement. If one of these is selected, increase your total electives by 4 units.

⁶ Select at least one of these PHYS Courses: 323 (4), 340 (2), 341 (2), 357 (3), 417 (4), 422 (1), 423 (4), 452 (1). Maximum of 6 units in ASTR/GEOL courses allowed.

⁷ 27-28 Elective units required for the major. Be sure to take sufficient upper division (300-400 level) electives to meet the "60 unit upper division" requirement for graduation.

Legend:

Course Title Course # (Units)		Major (92-93)
(Pre-Requisite)		General Ed. (60)
[GE Area]		Free Electives (27-28)