

Physics B.S. Flowchart 2009-2011 and 2011-13

The following plan is just one EXAMPLE of how to schedule classes to graduate in 4 years. Work with your faculty advisor to develop a plan that meets your needs.

Be sure to check your Degree Progress Report (DPR) frequently to ensure you are meeting your degree requirements.

LAST UPDATED: 11/10/2011

	FRESHMAN YEAR			SOPHOMORE YEAR		
	Fall	Winter	Spring	Fall	Winter	Spring
		PHYS 141 (4)	PHYS 132 (4)	PHYS 133 (4)	PHYS 211 (4)	PHYS 212 (4)
	MATH 141 (4) + MATH 151 (1) ¹	MATH 142 (4) + MATH 152 (1) ¹	MATH 143 (4) + MATH 153 (1) ¹	MATH 241 (4)	MATH 244 (4)	MATH 344 (4)
	CHEM 127 (4) SCM 150 (1) ²	CHEM 128 (4) SCM 150 (1) ²	GE (4) ³	GE (4) ³	PHYS 206 & 256 (4)	PHYS 202 (4)
	GE A1/A2 (4) ³	GE A1/A2 (4) ³	GE A3 (4) ³	GE (4) ³	GE (4) ³	GE (4) ³
	GE (4) ³					
Total Units	16-18	16-18	16-17	16	16	16

	JUNIOR YEAR			SENIOR YEAR		
	Fall	Winter	Spring	Fall	Winter	Spring
	PHYS 302 (4)	PHYS 301 (4)	PHYS 405 (4)	PHYS 408 (4)	Adv. PHYS Elective/ Concentration (4)	Adv. PHYS Elective /Concentration (4)
	PHYS 322 (3)	PHYS 341 (2)	MATH 304 (4)	PHYS 461/463 (2)	Elective (0-4) ⁴	Adv. PHYS Elective/ Concentration (4)
	PHYS 340 (2)	Adv. PHYS Elective/ Concentration (3)	Adv. PHYS Elective/ Concentration (4)	Adv. PHYS Elective/Conc (2-3)	PHYS 462/464 (2)	Elective (4) ⁴
	GE (4) ³	GE (4) ³ [Upper division]	GE (4) ³	GE (4) ³ [Upper division]	GE (4) ³ [Upper division]	
		GE (4) ³				
Total Units	13	17	16	12-13	10-14	12

Complete 21 units of Advanced Physics Electives or choose one of the two concentrations. Students selecting one of the concentrations will not be allowed to enroll in EE courses until they have a) completed PHYS 357 and MATH 344, and b) received the approval from advisors in both Physics and Electrical Engineering. Check the Physics Department website for concentration classes.

¹ Calculus workshops are recommended. They require concurrent enrollment in the associated section of Calculus.

² Supplemental Workshops (SCM 150) recommended (but not required) in your first year. These courses will count for elective credit. (8 total elective units needed).

³ 60 units of General Education (GE) courses are required for graduation. You must take one course from each of the following areas: GE A1, A2, A3; B2; C1, C2, C3, C4, C1-4 elective, D1, D2, D3, D4, D5, and F. You must take the three upper division GE's (C4, D5, F) **ONLY** after you have reached junior standing (90 units).

⁴ 8 total units of elective credit required for the major. Unused Advanced Placement elective credit may be applied to this category.