

Physics, B.S.
(General Track)
College of Science and Mathematics

Year 1 - Fall (14 credits)	Credits	Year 1 - Spring (15 credits)	Credits
ENGL 1101: Composition I [A1]	3	ENGL 1102: Composition II [A1]	3
MATH 1190: Calculus I	4	MATH 2202: Calculus II [D1]	4
CHEM 1211: General Chemistry	3	PHYS 2211:Principals of Physics I	3
CHEM 1211L: Lab	1	PHYS 2211L: Principals of Physics Lab	1
CSM 2000	3	CHEM 1212: General Chemistry II or BIOL 1107: Biological Principals	3
		CHEM 1212 L: Lab or BIOL 1107L: Lab	1
Total	14	Total	15
Year 2 - Fall (16 credits)	Credits	Year 2 - Spring (15 credits)	Credits
MATH 2203 – Calculus III	4	MATH 2306: Differential Equation	3
PHYS 2212: Principals of Physics II	3	PHYS 2213: Principals of Physics III	3
PHYS 2212L: Lab	1	PHYS 3260: Mathematical Physics	3
ECON 1000: Contemporary Economic Issues [B1]	2	General Education – Cultural Perspectives [B2]	3
General Education – Literature of the World [C1]	3	POLS 1101: American Government [E1]	3
General Education – World History [E3]	3		
Total	16	Total	15
Year 3 - Fall (17 credits)	Credits	Year 3 - Spring (15 credits)	Credits
PHYS 3210: Intermediate Mechanics	4	PHYS 3220: Electromagnetism I	3
PHYS 3410K: Electronics Laboratory	2	PHYS 3500K: Intro Comp. Physics	3
PHYS 3710: Modern Physics	4	Upper-Division Elective (2 of 7)	3
PHYS 3720L: Modern Physics Lab	1	General Education – Arts and Cultures of the World [C2]	3
Upper-Division Elective (1 of 7)	3	General Education – Social Sciences [E4]	3
General Education – American History [E2]	3		
Total	17	Total	15
Year 4 - Fall (14 credits)	Credits	Year 4 - Spring (15 credits)	Credits
PHYS 4210: Quantum Physics	4	PHYS 4400: Directed Study or 3110: Directed Methods	1
PHYS 4230: Thermal Physics	4	PHYS 4410K: Adv Physics Laboratory	2
Upper-Division Elective (3 of 7)	3	Upper-Division Elective (5 of 7)	4
Upper-Division Elective (4 of 7)	3	Upper-Division Elective (6 of 7)	4
		Upper-Division Elective (7 of 7)	4
Total	14	Total	15

Program Total: 120 Credit Hours

***Recommended General Education Course †Milestone**

This academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Missing milestones could delay your program. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This map is not a substitute for academic advisement. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.