

Recommended Chronology: Curriculum for BS Physics

NOTE: Only for students advised to start in MATH 1112 (Trigonometry) first term of freshmen year

Freshman Year		
Fall Semester		Spring Semester
	Area D1 Science (4 hrs.)	Area D3 Science (3-4 hrs.)
	ENGL 1101 English Composition I (3 hrs.)	ENGL 1102 English Composition II (3 hrs.)
	FYE 1220 First-Year Seminar (2 hrs.)	PHYS 2211/1113 Prin. of Physics I w/Lab (4 hrs.)
	MATH 1112 Trigonometry (3 hrs.)	MATH 1441 Calculus I (4 hrs.)
	PHYS 1149 Environmental Physics (4 hrs.)	KINS (1 hr.)
Total Hours = 16		Total Hours = 15 - 16

Summer		
PHYS 2212/1114 Prin of Physics II w/Lab (4 hrs.)		
HIST 1112 – World History II (3 hrs.)		

Sophomore Year		
Fall Semester		Spring Semester
	PHYS 3536 Modern Physics I (3 hrs.)	PHYS 3537 Modern Physics II (3 hrs.)
	PHYS 3420 Adv Physics Lab I (2 hrs.)	PHYS 3420 Adv Physics Lab II (2 hrs.)
	MATH 2242 Calculus II (4 hrs.)	MATH 3230 Differential Equations (3 hrs.) - OVERRIDE
	Elective (3 hrs.)	Elective (3 hrs.)
	Elective (3 hrs.)	Elective (3 hrs.)
Total Hours = 15		Total Hours = 14

Junior Year		
Fall Semester		Spring Semester
	PHYS 5151 Classical Mechanics (5 hrs.)	PHYS 5152 Classical E and M Theory (5 hrs.)
	PHYS 3520 Problem Solving (2 hrs.)	PHYS 3131 Optics (3 hrs.)
	Area C Elective (3 hrs.)	MATH 2243 Calculus III (4 hrs.)
	Elective (3 hrs.)	HLTH 1520 Healthful Living (2 hrs.)
	MATH 2331 Linear Algebra (3 hrs.)	Elective (3 hrs.)
	KINS (1 hr.)	
Total Hours = 17		Total Hours = 17

Senior Year		
Fall Semester		Spring Semester
	PHYS 5557 Quantum Mechanics (5 hrs.)	PHYS 5530 Thermal Physics (3 hrs.)
	Elective (3 hrs.)	Elective (3 hrs.)
	POLS 1101 American Government (3 hrs.)	ECON 2105 Economics in a Global Society (3 hrs.)
	Area E Elective (3 hrs.)	HIST 2110 US Survey (3 hrs.)
	IDS 2210 Turning Pts & Connections (1 hr.)	ENGL 2111 or 2112 World Literature (3 hrs.)
Total Hours = 15		Total Hours = 15