

Recommended Chronology: Curriculum for BS Physics

NOTE: Only for students advised to start in MATH 1441 (Calculus I) first term of freshmen year

Freshman Year			
Fall Semester		Spring Semester	
	Area D1 Science (4 cr.)	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 hr.)	PHYS 2212/1114 Prin. of Physics II w Lab (4 hrs.)	
	PHYS 2211/1113 Prin. of Physics I w Lab (4 hrs.)	MATH 2242 Calculus II (4 hrs.)	
	MATH 1441 Calculus I (4 hrs.)	KINS (1 hr.)	
Total Hours = 17		Total Hours = 15 - 16	

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 2331 Elementary Linear Algebra (3 hrs.)	MATH 3230 Differential Equations (3 hrs.)	
	Elective (3 hrs.)	Elective (3 hrs.)	
	Elective (3 hrs.)	Elective (3 hrs.)	
Total Hours = 14		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.)	
	MATH 2243 Calculus III (4 hrs.)	Elective (3 hrs.)	
	Area C Elective (3 hrs.)	HIST 1112 World History II (3 hrs.)	
	Elective (3 hrs.)	HLTH 1520 Healthful Living (2 hrs.)	
	KINS (1 hr.)		
Total Hours = 18		Total Hours = 16	

Senior Year			
Fall Semester		Spring Semester	
	PHYS 5557 Quantum Mechanics (5 hrs.)	PHYS 5530 Thermal Physics (3 hrs.)	
	Elective (3 hrs.)	Environmental Science (4 hrs.)	
	POLS 1101 American Government (3 hrs.)	Elective (3 hrs.)	
	ENGL 2111 or 2112 World Literature (3 hrs.)	ECON 2105 Economics in a Global Society (3 hrs)	
	AREA E Elective (3hrs.)	HIST 2110 US Survey (3 hrs.)	
	IDS 2210 Turning Pts & Connections (1 hr.)		
Total Hours = 18		Total Hours = 16	