

Physics B.S. Recommended Course Plan

This is a recommended course plan for physics courses. Note: 6 credits of electives are required for graduation. They should be taken in the 3rd or 4th year. Courses in italics are those required for the physics major but taught in other departments. Note: this sheet does not replace meeting with your adviser. You should meet with your adviser each semester.

Year 1	
Fall	Spring
<i>MATH 1337 Calculus I (or MATH 1340)</i>	<i>MATH 1338 Calculus II</i>
PHYS 1105 Mechanics Laboratory	<i>CSE 1341 or CSE 1342 Computer Science</i>
PHYS 1303 Introductory Mechanics (or PHYS 1307)	PHYS 1106 Electromagnetism Laboratory
PHYS 1010 Honors Physics (zero-credit elective)	PHYS 1304 Intro. Electromagnetism (or PHYS 1308)
Year 2	
Fall	Spring
<i>MATH 3302 Calculus III</i>	<i>MATH 3313 Ordinary Differential Equations</i>
PHYS 3305 Introduction to Modern Physics	PHYS 4321 Methods of Theoretical Physics
Year 3	
Fall	Spring
<i>MATH 3304 Introduction to Linear Algebra</i>	PHYS 4311 Laboratory Physics
PHYS 3344 Classical Mechanics	PHYS 4383 Advanced Quantum Mechanics
PHYS 4382 Introductory Quantum Mechanics	(Elective)
Year 4	
Fall	Spring
PHYS 3374 Thermo & Statistical Mechanics	PHYS 4392 Intro. Electromagnetic Theory
PHYS 3340 Computational Physics	(Elective)