

Physics B.S. with Specialization in Cosmology and Astrophysics

Recommended Course Plan (Matriculation from 2023)

This is a recommended course plan for physics courses. 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 (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 3306 Intermediate Physics
	PHYS 4321 Methods of Theoretical Physics
Year 3	
Fall	Spring
PHYS 3344 Classical Mechanics	PHYS 4311 Laboratory Physics
PHYS 4382 Introductory Quantum Mechanics	PHYS 4371 Stellar Structure
Year 4	
Fall	Spring
PHYS 3374 Thermo& Statistical Mechanics	PHYS 4392 Intro. Electromagnetic Theory
PHYS 3340 Computational Physics	PHYS 4368 Modern Cosmology
PHYS 4371 Galactic Structure	