

Sample Plan for Semesters 1-6

Physics/Engineering Dual Degree - Start with Calculus I

FALL - Semester 1

PHYS 185: College Physics I
MATH 198: Analytic Geometry and Calculus I
CS 170: Introduction to Computer Science I

FALL - Semester 3

PHYS 191: Calculus for Physics II
MATH 264: Analytic Geometry and Calculus III
STAT 290: Statistics

FALL - Semester 5

PHYS 351: Modern Physics II
PHYS 382: Mathematical Physics

SPRING - Semester 2

PHYS 186: College Physics II
PHYS 190: Calculus for Physics I
MATH 263: Analytic Geometry and Calculus II

SPRING - Semester 4

PHYS 250: Modern Physics I
PHYS 310: Intermediate Laboratory
PHYS 275: Vibrations and Waves
MATH 365: Ordinary Differential Equations

SPRING - Semester 6

Physics Elective
PHYS 345: Junior Seminar
PHYS 445: Physics Capstone

Notes:

In addition, a 15-hour learning plan is required.
Learning plan is back-transferred engineering courses.

Dialogues Curriculum: The Dialogues Curriculum requires a certain number of courses/credit hours in the following Perspectives: Social, Arts and Humanities, STEM, Communications, and Statistics. The exact number of courses a student will be required to take during their undergraduate career varies individually according to the credit transferred in.

Department Chair: Please contact the [Center for Academic Excellence](#) with any updates to the plan above. Rev. 2-16-24