

Sample Plan for Semesters 1-6

Physics/Engineering Dual Degree (BA) - Beginning with Calculus I

FALL - Semester 1

MATH 198: Analytic Geometry and Calculus I
TRU 100: Truman Symposium
TRU 110: Self and Society

FALL - Semester 3

MATH 264: Analytic Geometry and Calculus III
PHYS 196: Physics II
STAT 290: Statistics

FALL - Semester 5

PHYS 351: Modern Physics II
PHYS 382: Mathematical Physics

SPRING - Semester 2

MATH 263: Analytic Geometry and Calculus II
CS 170/180: Intro to Computer Science I/Foundations of
Computer Science I
PHYS 195: Physics I

SPRING - Semester 4

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

SPRING - Semester 6

PHYS 345: Junior Seminar
PHYS 445/492: Physics Capstone
PHYS XXX: Physics Elective 1

Notes:

In addition, a 15-hour learning plan is required.

Learning plan is back-transferred engineering courses.

The three Physics Electives may be satisfied by any combination of appropriate Truman PHYS courses in the junior year or by back-transferred engineering courses.

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