

PHY 107 : Physics I

This calculus-based general physics course is designed for majors in mathematics, chemistry, biochemistry, or biology, including pre-engineering and pre-medical students. Topics include linear and rotational kinematics and dynamics, work and energy, linear and angular momentum, oscillatory motion, fluid statics and dynamics, sound, and thermodynamics. A 1-credit laboratory accompanies the lecture and provides students with applications of the lecture concepts.

Credits 3

Prerequisite Courses

MAT 201

Corequisites

PHY 107L, PHY 107R

Advising Note

RSC General Education Breadth: Quantitative Reasoning; RSC General Education Breadth: Natural and Physical Sciences