

PHYS 125 : Matter in Motion (with Calculus)

What dictates the complexities of motion? How can we use physics to understand energy issues or medical biophysics? To control the path of a probe launched to rendezvous with Mars? This course develops concepts of force, momentum, energy and heat, and applies them to a variety of phenomena ranging from the motion of elementary particles to the motion of the planets. Throughout, we consider colonialism's impact on physics, and what it would mean to decolonise physics. Lab.

Credits 4

Corequisites

MATH 180: Calculus A

Attributes

Analytical Reasoning

Co-Req

Appropriate for First-year Students

Required for the major

Natural Sciences Division