

Astronomy 360 : Observational Astronomy

Intended for majors in astronomy, physics-astronomy, and related sciences. The study of observational astronomy across the full electromagnetic spectrum as well as gravitational waves. Specifically looking at detector technologies, telescope design, data reduction, the current state of the art in both ground-based and space-based observational astronomy missions, and the physics governing emission across the spectrum. Several problem sets, exams, project.

Credits 4

Prerequisites

Astronomy 177, 178, and 179; or consent of instructor.