

PHYS 3340 : Astrophysics

An introduction to Astrophysics and Cosmology. The lecture work will be supplemented by several observational labs. Students study the principles and mathematical/computational models of contemporary Astrophysics and Cosmology, as informed by not only classical physics, but also General Relativity and Quantum Mechanics. Topics include basic understanding of observational astronomy including operation of a telescope, structure and evolution of stars and galaxies, nucleosynthesis, and cosmology.

Credits 3

Course ID

009382

Requisites

PHYS 3340 Prerequisites: [PHYS 3337](#), [MATH 1432](#), or instructor permission.

Semester Offered

[Spring semester, even years](#)