

Astrophysics Courses

Requirements

Mandatory

[PH 455 Astrophysics](#) (3)

The following list represents a sample of courses that may be used to fulfill Astrophysics option electives. Course offerings vary by term, and students should always refer to the Schedule of Classes for the most accurate and up-to-date information when registering.

Lower Division electives

- [PH 205: Solar System Astronomy](#) (4)
- [PH 206: Stars and Stellar Evolution](#) (4)
- [PH 207: Galaxies, Quasars, and Cosmology](#) (4)

Upper Division electives

- [PH 464: Scientific Computing II](#) (3)
- [PH 415: Computer Interfaces](#) (3)
- [GEO 308: Global Change and Earth Sciences](#) (3)
- [GEO 331: Astrobiology](#) (3)
- [GEO 463: Geophysics](#) (4)
- [ATS 420: Climate Physics](#) (4)
- [ST 35: Introduction to Statistical Methods](#) (3)
- [ST 411: Methods of Data Analysis](#) (3)
- [ST 443: Applied Stochastic Models](#) (3)
- [ME 331 Introductory Fluid Mechanics](#) (4)
 - Mechanical Engineering Majors
 - Requires ME 330 as a prerequisite
- [NSE 234: Nuclear and Radiation Physics I](#) (3)
- *One of the following:*
 - [HSTS 451: The History of Outer Space](#) (4)
 - [HSTS 452: A Women's History of Outer Space](#) (4)

Math Courses

- [MTH 338: Non-Euclidean geometry](#) (3)
- [MTH 434/534: Introduction to differential geometry](#) (3)
- [MTH 435/535: Differential geometry](#) (3)