

ASTRONOMY (ASTRON)

ASTRON 1300 Survey of Astronomy 3 Credits

Descriptive survey of astronomy for students with minimal background in mathematics and science. Topics include the solar system, stars, nebulae, galaxies, cosmology, and astronomical methods.

Components: Class

GE: Natural Science

Prereqs/Coreqs: P. MATH 10 or MATH 12 or mathematics proficiency level of 10 or above

ASTRON 1310 Introductory Astronomy Lab 1 Credit

Constellation study and telescopic observation of the moon, planets, stars and nebulae; introduction to astronomical techniques and equipment; field trips to regional planetariums and observatories.

Components: Laboratory

GE: Natural Science

Prereqs/Coreqs: P or C: ASTRON 1300 or ASTRON 1340 or ASTRON 1350

ASTRON 1340 Introductory Astronomy: Stars and Galaxies 3 Credits

Our sky, light, how objects in the universe move, the sun, the stars and stellar evolution, galaxies, cosmology, the origin and fate of the universe. It assumes no previous knowledge of astronomy.

Components: Class

GE: Natural Science

ASTRON 1350 Introductory Astronomy: The Solar System 3 Credits

This class will give students an introductory-level understanding of current knowledge of solar system astronomy, from the night sky we see from Earth to the possibility for life on other worlds. It assumes no previous knowledge of astronomy.

Components: Class

GE: Natural Science

ASTRON 3000 Special Topics in Astronomy 1-3 Credits

Special topics and laboratory projects dealing with problems of current interest in astronomy and astrophysics. May be taken for credit more than once.

Components: Class

Prereqs/Coreqs: P. ASTRON 1300 OR ASTRON 1340 OR ASTRON 1350

ASTRON 4990 Independent Study in Astronomy 1-4 Credits

Study of special topics and/or developments of special projects having department approval.

Components: Independent Study