

Course Catalog - Spring 2010

Astronomy

122 ***Stars and Galaxies*** credit: 3 hours.

Introduction to astrophysical objects and phenomena beyond the solar system, and the governing basic physical principles; galaxies, quasars, and structure of the universe; cosmology; the Milky Way; the interstellar medium and the birth of stars; distances, motions, radiation, structure, evolution, and death of stars, including neutron stars and black holes. Emphasis will be placed on problem-solving and scientific methods. Two lectures and one discussion each week, and observing sessions during the term. Not intended for physical science majors; students with credit in PHYS 211 are encouraged to take ASTR 210. Credit is not given to students with credit in ASTR 100, ASTR 210, or PHYS 212.

This course satisfies the General Education Criteria for a Physical Sciences, and Quant Reasoning II course.