

ASTRONOMY (ASTRONMY)

Courses

ASTRONMY 101 EXPLORING THE UNIVERSE 3 Units

A non-laboratory course that introduces the basic concepts of astronomy, including cultural and historical considerations. Study of the universe, galaxies, stars are among the topics to be covered. One observation night may be required (unless the course is offered online).

COREQ: MATH 139 OR MATH 141 OR MATH 142 UNREQ: A STUDENT MAY EARN CREDIT FOR ONLY ONE OF ASTRONOMY 101 OR ASTRONOMY 112.

ASTRONMY 112 INTRODUCTION TO ASTRONOMY 5 Units

An examination of concepts regarding the organization and structure of the universe. Laws that govern the universe, stellar evolution, galaxies and structure of a solar system are among topics covered. In addition to labs, there are one/two required evening observations sessions during the semester (none for online).

COREQ: MATH 139 OR MATH 141 OR MATH 142 UNREQ: A STUDENT MAY EARN CREDIT FOR ONLY ONE OF ASTRONOMY 101 OR ASTRONOMY 112.

ASTRONMY 490 ASTRONOMY WORKSHOP *Repeatable* 1-5 Units

Variable topics. Group activity oriented presentations emphasizing "hands on" and participatory instructional techniques. Repeatable. Instructor Consent required.

ASTRONMY 496 SPECIAL STUDIES *Repeatable* 1-3 Units

Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Department Consent required.

ASTRONMY 498 INDEPENDENT STUDY *Repeatable* 1-3 Units

Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.

ASTRONMY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH *Repeatable* 1-3 Units

Study of a selected topic or topics under the direction of a faculty member. Repeatable. Department Consent required.