

**ASTRONOMY**

**ASTRO 4 Stars, Galaxies, and the Origin of the Universe**

Surveys the lives of stars and galaxies, and the relationship of life to the origin of universes, for non-science majors. Recommended Preparation: MATH 154.

Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
1	MW	9:30AM-10:50AM	3.00	R.Nolthenius	806
2	M	6:00PM-9:05PM	3.00	R.Nolthenius	806

**ASTRO 7 Planetary Climate Science**

Applies scientific principles to explain planetary atmospheres, climate in general and Earth's climate in particular, including current climate change causes and effects.

Recommended Preparation: Eligibility for MATH 154.

Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
1	T	2:45PM-5:50PM	3.00	R.Nolthenius	454

**ASTRO 8A Observational Astronomy**

Involves observatory lab projects on stars, planets, the moon, galaxies, and in-class labs and demos on cloudy nights. Hybrid Requisite: Completion of or concurrent enrollment in ASTRO 3 or ASTRO 4 or ASTRO 7. Recommended Preparation: MATH 154.

Transfer Credit: Transfers to CSU;UC

Section	Days	Times	Units	Instructor	Room
1	T	7:30PM-10:35PM	1.00	R.Nolthenius	705

**ASTRO 25 Field Astronomy in the California Mountains**

Studies physical and evolutionary processes of galaxies and stars, and relates the evolution of stars to the formation and evolution of planets at dark-sky mountain campsites.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	S	9:00AM-11:50AM	1.00	R.Nolthenius	706
&	F	6:00PM-11:05PM		R.Nolthenius	OFFCAM
&	S	8:00AM-11:05PM		R.Nolthenius	OFFCAM
&	SU	8:00AM-11:05AM		R.Nolthenius	OFFCAM
&	F	7:00PM-7:50PM		R.Nolthenius	706

Meets on campus 3/10. Field trip 3/16-3/18. Final meeting 4/6. Car camping (not backpacking) required. Carpooling and meals are the student's responsibility and options will be discussed at the 3/10 meeting. For details, see the instructor's web page at [go.cabrillo.edu/online](http://go.cabrillo.edu/online).