

DIVISION OF MATHEMATICS, SCIENCES, AND ENGINEERING

ASTRONOMY

ASSOCIATE OF SCIENCE DEGREE

The **Associate of Science Degree in Astronomy** will prepare those students interested in laying a foundation for further study and for a bachelor's degree in an Astronomy field from a four-year college or university. This degree program is for the **Associate of Science Degree in Astronomy** and fulfills many of the requirements and foundation courses for transfer to baccalaureate astronomy-related majors, but does not satisfy all transfer requirements for specific institutions. Students should consult with a counselor for major preparation for specific universities and colleges.

To acquire the **Associate of Science Degree in Astronomy**, students must complete the required major courses below with a grade of "C" or better or of "P" if the course was taken on a Pass/No Pass basis, along with either of the following: Rio Hondo College General Education (RHC GE) or California General Education Transfer Curriculum (Cal-GETC). California State University General Education-Breadth (CSU GE) or Intersegmental General Education Transfer Curriculum (IGETC) may be used in some cases; please see a counselor for details.

NOTE: Students interested in transferring as Astronomy majors should consult with a counselor for appropriate general education & major preparation counseling.

Required Courses	Units	N	IP	C
Required Astronomy Courses:				
ASTR 110/H General Astronomy/*Honors and ASTR 112 *Observational Astronomy OR ASTR 137 *An Introduction to Cosmology: From the Big Bang to the Multiverse	3 1 4			
Required Physics Courses:				
PHY 211 *Physics for Scientists and Engineers I	4			
PHY 213 *Physics for Scientists and Engineers III	4			
Required Chemistry Courses:				
CHEM 130 *General Chemistry I	5			
CHEM 140 *General Chemistry II	5			
Required Math Courses:				
MATH 190 *Calculus I or MATH 190H *Calculus I Honors MATH 191 *Calculus II	4 4 4			
MATH 250 *Calculus III	4			
Total major units needed for Associate of Science	34			
Units Completed				
*Prerequisite/Corequisite				