

ASTRONOMY ASSOCIATE IN ARTS DEGREE

PROGRAM CODE: 2A08436

The **Astronomy Associate in Arts Degree** prepares students for further study in astronomy. This degree requires 21-22 units of which 17 units are in required courses. An additional 4-5 units must be chosen from the restricted electives listed below.

Code	Title	Units
Required Courses (17 units):		
ESC 116 F	Astronomy	3
or ESC 116HF	Honors Astronomy	
ESC 116LF	Astronomy Lab	2
PHYS 221 F	General Physics I	4
PHYS 222 F	General Physics II	4
PHYS 223 F	General Physics III	4
Select 4-5 units from the following:		4-5
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
MATH 151 F	Calculus I (formerly MATH 150AF)	4
or MATH 151HF	Honors Calculus I (formerly MATH 150HF)	
MATH 152 F	Calculus II (formerly MATH 150BF)	4
MATH 251 F	Multivariable Calculus (formerly MATH 250AF)	4
MATH 252 F	Linear Algebra and Differential Equations (formerly MATH 250BF)	4
Total Units		21-22

Outcome 1: Demonstrate an understanding of how the scientific method is used to explore topics in astronomy.

Outcome 2: Explain the motion, formation, and evolution of celestial objects in the solar system and beyond.

http://www.curricUNET.com/fullerton/reports/program_report.cfm?programs_id=717