

Associate of Science in Space Studies

Take your introductory journey into space studies with the online Associate of Science in Space Studies.

Using a curriculum designed by former NASA astronaut, the program offers insight into current and historical concepts in astronomy, earth science, space policy, and space flight, taught by expert practitioners. Faculty include scientists and current NASA engineers.

In addition, you'll enjoy access to a state-of-the-art, remote-controlled observatory and a fully online 24-inch aperture telescope. You can also participate in ongoing telescope research projects, such as our supernova research project.

Up to 60 class credits from this online associate degree may be transferred to our bachelor's program in space studies, saving you time and money.

Degree Program Objectives

In addition to the institutional and degree level learning objectives, graduates of this program are expected to achieve these learning outcomes:

- Apply knowledge of mathematics, earth science, and space science to identify and solve space/earth studies problems.
- Conduct experiments, analyze, and interpret data.
- Communicate effectively with a range of audiences.
- Assess ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.
- Function on multidisciplinary teams.

Degree at a Glance

Code	Title	Semester Hours
	General Education Requirements	30
	Major Required	30
	Total Semester Hours	60

Degree Program Requirements

General Education Requirements (30 semester hours)

Code	Title	Semester Hours
Arts and Humanities (6 semester hours)		
PHIL202	Philosophy of Science	3
STEM270	Thinking and Acting Ethically	3
Civics, Political and Social Sciences (6 semester hours)¹		
STEM280	Exploring Society and Cultures via Science Fiction	3
Select 1 course from the following:		3
ANTH100	Introduction to Anthropology	
ANTH202	Introduction to Cultural Anthropology	
CHFD220	Human Sexuality	
COMM211	Social Media and Society	
COMM240	Intercultural Communication	
ECON101	Microeconomics	
ECON102	Macroeconomics	
EDUC200	Humane Education: A Global Interdisciplinary Perspective	
GEOG101	Introduction to Geography	
HOSP110	Practical Food Safety and Awareness	
IRLS210	International Relations I	
LITR212	Forgotten America--Under Represented Cultures in American Literature	
LITR235	Four Points of the Compass: Culture and Society Around the World	
POLS101	Introduction to Political Science	
POLS210	American Government I	
PSYC101	Introduction to Psychology	
SOCI111	Introduction to Sociology	
SOCI212	Social Problems	
SOCI220	American Popular Culture	
Communication: Writing, Oral, and Multimedia (9 semester hours)		
COMM120	Information and Digital Literacy	3
ENGL110	Making Writing Relevant	3
ENGL221	Scientific Writing	3
History (3 semester hours)		
STEM185	The History and Context of STEM	3
Mathematics and Applied Reasoning (3 semester hours)		
MATH110	College Algebra	3

Natural Sciences (3 semester hours)		
CHEM180	Introduction to Chemistry	3
Total Semester Hours		30

¹ All literature courses require successful completion of ENGL101 - Proficiency in Writing or ENGL110 - Making Writing Relevant.

Major Required (30 semester hours)

Code	Title	Semester Hours
MATH111	College Trigonometry	3
MATH225	Calculus	3
STEM100	Introduction to STEM Disciplines	3
SCIN134	Introduction to Astronomy with Lab	4
SCIN137	Introduction to Meteorology with Lab	4
SCIN138	Introduction to Physical Geology with Lab	4
SPST200	Introduction to Space Studies	3
SPST201	Introduction to Space Flight	3
SPST203	History of Space Flight	3
Total Semester Hours		30