

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	24
	Elective Requirements	6
	Total Semester Hours	60

Degree Program Requirements

General Education Requirements (30 semester hours)

Code	Title	Semester Hours
Arts and Humanities (6 semester hours)¹		
PHIL202	Philosophy of Science	3
Select 1 course from the following:		3
ARAB100	Arabic I	
ARAB101	Arabic II	
ARTH200	Art Appreciation	
ARTH241	Film and Literature	
DSIN141	Image Enhancement using Adobe Photoshop	
FREN100	French I	
FREN101	French II	
GERM100	German I	
GERM101	German II	
JAPN100	Introduction to Japanese	
LITR215	Literature of American Encounters, Revolution, and Rebellion	
LITR218	From Abolition to #MeToo: Literature of the American Civil Rights Movement	
LITR222	Pivotal Figures in Early British Literature	
LITR225	British Literature from Wordsworth through the Wasteland	
LITR231	Leadership in World Literature: Antiquity to the Early Modern Period	
LITR233	Literature of the Newly Globalized World: The Individual's Struggle to Adapt	
MUSI200	Music Appreciation	
MUSI250	World Music and Cultures	
PHIL101	Introduction to Philosophy	
PHIL110	Critical Thinking	
PHIL200	Introduction to Ethics	
PORT100	Introduction to Brazilian Portuguese	
RELS201	Introduction to World Religions	
RUSS100	Russian I	
SPAN100	Spanish I	
SPAN101	Spanish II	
STEM270	Thinking and Acting Ethically	
Civics, Political and Social Sciences (6 semester hours)¹		
Select 2 courses from the following:		6
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
STEM280	Exploring Society and Cultures via Science Fiction

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)

HIST270	History of Science	3
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Mathematics and Applied Reasoning (3 semester hours)

MATH110	College Algebra	3
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Natural Sciences (3 semester hours)

ERSC181	Introduction to Geology	3
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Total Semester Hours		30
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¹ All literature courses require successful completion of ENGL101 - Proficiency in Writing or ENGL110 - Making Writing Relevant.

Major Required (24 semester hours)

Code	Title	Semester Hours
SCIN134	Introduction to Astronomy with Lab	4
CHEM133	General Chemistry I with Lab	4
MATH111	College Trigonometry	3
SPST203	History of Space Flight	3

SPST200	Introduction to Space Studies	3
SPST201	Introduction to Space Flight	3
SCIN261	Introduction to Planetary Science with Lab	4
Total Semester Hours		24

Elective Requirements (6 semester hours)

Code	Title	Semester Hours
Students must complete 6 semester hours comprised of lower (100-200) level courses not taken to fulfill the requirements listed above. Additional general education courses may be taken to fulfill elective requirements.		6
Total Semester Hours		6