Space StudiesM.S.

Prepare for a career in space with a broad-based approach that links engineering, science and policy.

UND has the first space studies program of its kind in the world! Our master's degree in Space Studies is a unique educational experience if you are seeking to enter the space field or are an aerospace professional who wishes to expand your breadth of knowledge.

**Program type:** Master's Degree  
**Format:** On Campus or Online  
**Est. time to complete:** 2-4 years  
**Credit hours:** 33

### Why earn a master's degree in space studies?

**Application Deadlines**

<table>
<thead>
<tr>
<th>Program</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>April 30</td>
<td>Oct. 31</td>
<td>Feb. 28</td>
</tr>
</tbody>
</table>

Completed applications and all required materials must be received by above application deadlines.

In this master's degree, you’ll gain a broad view of space with a program that includes disciplines such as:

- Planetary science
- Space engineering
- Life support systems
- Space policy and law
- Space history
- Space-related aspects of business and management

### Specialized Space Training

Your specialized training can be achieved through thesis or non-thesis options with an opportunity to focus in an area of faculty research. Students have participated in vital NASA-funded research, such as design and construction of a Lunar/Mars habitat prototype and pressurized electric rovers. In fact, UND was the first university with a NASA-funded laboratory dedicated to designing and constructing space-exploration and planetary surface exploration suits. UND is also the first university with two fully operational spaceflight simulators.

Receiving the JSC Certificate of Appreciation for 25 years of outstanding service in university education in space studies from the NASA Johnson Space Center, we've spent the last 30 years nurturing our students to success. You'll have the opportunity to join students that produce publications in diverse fields of expertise and serve the space community and nation.

### Online Space Studies Master's Degree

If need the flexibility of schedule or location of study, we encourage you to look at our online program option. Whether you're a working professional or deployed for military duty, our faculty have 25+ years of experience supporting the needs of online learners. We understand the unique challenges you may face.
Space Studies at UND

- UND is strategically focusing research on unmanned autonomous systems, big data, and building on our expertise in space research.
- Unlike similar programs, UND students gain a broad-based understanding of the links between engineering, space science and policy.
- Gain access to advanced research and get real-world learning experiences in the UND Human Spaceflight Laboratory, the Spacecraft Simulator facility and the Space Studies Observatory.
- Our graduates perform payload integration for Falcon rockets, work on the development of the Space Launch System, work in Mission Control at various NASA Centers, and are researchers at several NASA Centers.
- #4 most military friendly school in 2020 (MilitaryFriendly.com)
- With close ties to U.S. Space Force, U.S. Space Command, and NASA you’ll have opportunities to engage with the cutting edge of space industry.

Space Studies Careers

95K Median salary for atmospheric scientist or meteorologist
  - U.S. Bureau of Labor Statistics: Atmospheric Scientists

116K Median salary for an aerospace engineer
  - U.S. Bureau of Labor Statistics: Aerospace Engineers

As the space industry evolves and progresses toward a combination of government and privately funded space exploration and research efforts, the need for those with a broad background in space sciences and related fields have opportunities in many areas. This program offers diverse learning experiences so you can progress or advance in professions such as:

- Aerospace Business Creator
- Aerospace & Systems Engineer
- Aerospace Program Manager
- Mission Controller
- Space Scientists
- Space Systems Operator
- STEM Educator

Skills Needed in Space Studies

A master's degree in Space Studies gives you the strategic skills you need, including:

- Space Law and Policy
- Orbital Mechanics
- Project Management
- Strategic Planning
- Systems Engineering
- Technical Writing
- Astronomy
- Spacecraft

UND Space Studies Alumni

As a graduate you will be set up for professional success in the space industry. Our alumni have gone on to a variety of successful careers with:

- NASA
- Space Force
- Space Command
- USAF
- Space Exploration (SpaceX)
- Paragon Space Technology
- Blue Origin
- Boeing Space
- Lockheed Martin
- Science museums and planetariums
- Federal agencies

Explore More Options

Connect with the faculty you'll work with or discover additional majors at UND's world-renowned center for aerospace learning.

- Department of Space Studies
- Aerospace Graduate Programs

UND.info@UND.edu
701.777.3000 | 1.800.CALL.UND
UND.edu/programs