Aerospace Sciences (Ph.D.)

Be a part of the next generation of aerospace leaders overseeing cutting edge breakthroughs in aviation and space.

The aerospace field is fast paced and highly technical, involving complex systems operating from Earth's surface to deep space. Successful aerospace professionals possess broad backgrounds linking science, engineering, policy, business, and law. Get your doctoral education from a world-renowned center for aerospace learning, the John D. Odegard School of Aerospace Sciences at the University of North Dakota.

Program Snapshot

| Program type: Doctoral Degree |
| Format: On-campus or online |
| Est. time to complete: 4-7 years |
| Credit hours: 90 |

Why Study Aerospace Sciences at UND?

The Aerospace Sciences Ph.D. program provides interdisciplinary teaching and research at the highest academic level. The program's goal is to provide highly educated scholars and leaders with the skills necessary to mix technology and science with an understanding of the politics and economics of the aerospace fields. You'll enhance your analytical, technical, research and communication skills through classroom and research activities too. The result will be capabilities to carry out independent, original and applied research at a high level.

With a 1:1 faculty to student ratio you'll experience outstanding faculty focus while in the program. In addition you'll gain access to an extensive, involved alumni network that provides real-time industry feedback to research and development work by dissertation candidates. Pursue the doctorate from anywhere in the world with our online synchronous curriculum, while still receiving real time faculty and student interaction.

Develop a thorough knowledge of the aerospace disciplines to become a successful leader by applying solutions gained through theory and applied research. Enhance your analytical, technical, research and communication skills through classroom and research activities to carry out independent, original and applied research.

Learn to Lead at UND

Use your knowledge and passion to become a leader in the industry.

Application Deadline

| Fall: Feb. 1 |

Completed applications and all required materials must be received by Feb. 1st.

Aerospace Sciences Overview

- Gain the extensive technical knowledge needed to be a successful leader in the industry by applying solutions gained through theory and applied research.
Be part of a program nationally acclaimed for achievements in collegiate aviation education, atmospheric research, space studies, and earth system science and policy research.

Gain unique perspectives and training that integrates and combines traditional disciplines related to space.

Leverage faculty expertise drawn from disciplines such as aerodynamics, orbital mechanics, planetary science, remote sensing, public policy, law, unmanned aircraft systems, business, management, engineering, machine learning, and artificial intelligence.

### Doctorate in Aerospace Sciences

**111K** Median salary for an aerospace program manager*

**155K** Those with the highest level of experience earn up to $155,000 as an aerospace program manager.*

*PayScale.com

A doctoral degree in Aerospace Sciences from UND lets you further develop the critical skills you need to fill leadership roles. These opportunities span government and research agencies, educational institutions and private aerospace and aviation sector companies.

UND bearers of doctoral degrees in this exciting field have gone onto careers in top space exploration enterprises and firms in related industries. Some of the opportunities graduates can expect include:

- Higher education professor
- Senior aircraft engineer
- Aerospace laboratory manager
- Aerospace engineer
- Aerospace science researcher
- Aerospace program manager
- Federal agency policymaker
- Aerospace defense manager

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