

Doctor of Philosophy in Aerospace Sciences

Admission Requirements

The applicant must meet The School of Graduate Studies' current minimum general admission requirements as published in the graduate catalog. All elements must be complete by the published application date. The additional requirements for admission to the Aerospace Sciences Ph.D. program are as follows:

1. A Master's or graduate degree from an accredited institution with a GPA of at least 3.25/4.0
2. Submission of a statement of personal goals
3. Professional resume
4. Satisfy the School of Graduate Studies English Language Proficiency requirements as published in the graduate catalog.
5. The Graduate Record Examination (GRE) General Exam
6. Industry experience preferred

Financial Assistance

Financial aid in the form of teaching, research or service assistantships and tuition waivers are available from a variety of internal and external sources and are awarded on a competitive basis. These appointments are renewable if students are making satisfactory progress toward the degree and their work is satisfactory. Applications for funding opportunities should coincide with the program application date.

Degree Requirements

- Ninety credits beyond a baccalaureate degree. With approval of the Aerospace Sciences Ph.D. Program and the UND School of Graduate Studies, up to thirty credits from a master's degree from an accredited institution can be applied toward the requirements of the doctoral degree.
- Successful completion of sixty semester credits beyond the master's degree
- Successful completion of qualifying exam prior to advancement to candidacy
- Twelve to eighteen semester credits of dissertation and successful defense of the dissertation
- Required core courses
- Six to twelve semester credits of Scholarly Tools beyond the Master's degree requirements
- Remaining coursework from Aviation/Space Studies or other UND approved Graduate Courses
- The student and committee must all be present for oral comprehensive exams, formal topic proposal, and dissertation defense, either by physical presence or at a distance using real-time synchronous technology, as determined by the student and advisor or committee.

Code	Title	Credits
Required Courses		
AVIT 501	General Issues in Aviation/Aerospace	3
SPST 501	Survey of Space Studies I	3
AVIT 521	Ethics in Aerospace	3
AVIT 590	Aviation Seminar (3 credits AVIT 590 and 1 credit SPST 590; or 2 credits SPST 590)	2-4
	or SPST 590 Space Studies Colloquium	
Required Scholarly Tools		
Choose a minimum of two courses from the following list:		6-12
AVIT 503	Statistics	
AVIT 504	Research Methods	
AVIT 505	Qualitative and Mixed Methods Research Design	
AVIT 506	Quantitative Research Methods	

SPST 504	Research Methods in Space Studies	
Required Aviation Specialization Courses		
AVIT 505	Qualitative and Mixed Methods Research Design	3
AVIT 506	Quantitative Research Methods	3
Elective Courses	Refer to Aviation Course Offerings link below	31-43
AVIT 999	Dissertation	12-18
Space Studies Specialization		
Elective Courses	Refer to Space Studies Course Offerings link below	31-43
SPST 999	Dissertation	12-18

Aviation Course Offerings (<https://und-public.courseleaf.com/graduateacademicinformation/departmentalcoursesprograms/aviation/#coursedescriptiontext>)
 Space Studies Course Offerings (<https://und-public.courseleaf.com/graduateacademicinformation/departmentalcoursesprograms/spacesudies/#coursedescriptiontext>)