

GRADUATE CERTIFICATE IN AEROSPACE ENGINEERING

The Graduate Certificate in Aerospace Engineering provides an introduction to aerospace engineering disciplines, including fluid flow, propulsion, and structures. A graduate certificate requires completion of 9 credits of 500-level and above graduate work. Students may apply for and complete just the certificate or may apply for both the certificate and a degree program. This allows students to start with the certificate and continue to a more advanced degree.

[Students interested in graduate work should refer to the Graduate and Professional Bulletin.](#)

Learning Objectives

Students will:

1. Interpret and distinguish space science and engineering and their interrelationship.
2. Extend space-related knowledge beyond baccalaureate level.
3. Conceive, design, manufacture, manage, and operate complex space systems.
4. Design space systems, develop projects, and manage projects.