

Space Systems Operations Management (MS)

This program is offered by the George Herbert Walker School of Business and Technology. It is available online and at the Colorado Springs Metropolitan, but it is not available at the St. Louis main campus.

Program Description

The master of science (MS) degree-seeking student should consult the Admission, Enrollment, and Academic Policies sections for policies regarding application, admission, registration and the academic policies of Webster University.

In addition to the required core courses and the elective courses, the following options may be components of the student's degree program: master of arts (MA) degree professional seminars, internship, thesis or project, and credit transferred into the degree program. The student is limited to 3 credit hours of professional seminars and two issues courses.

Students may not apply for dual majors because of the technical nature of the MS degree program.

The MS in space systems operations management is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

Program Learning Outcomes

- Students will be able to explain the important terminology, facts, concepts, principles, analytic techniques and theories used in the field of space systems operations management.
- Students will be able to effectively apply important terminology, facts, concepts, principles, analytic techniques and theories used in the field of space systems operations management when analyzing complex factual situations.
- Students will be able to effectively integrate (or synthesize) important facts, concepts, principles and theories in the field of space systems operations management when developing solutions to multifaceted space systems operations management problems in complex factual situations.

Emphasis Areas

The MS in space systems operations management is designed to prepare individuals for positions in the public and private sectors of the space industry.

The space systems **engineering and technical management** emphasis enables the student to understand the environment, technology and complexities of space operations and to apply quantitative and qualitative approaches to planning, executing and managing programs in the global environment of the space industry.

The space systems **acquisitions and program management** emphasis prepares individuals to handle space-related contracts and unique aspects of space systems acquisitions including software, hardware, personnel resources, budgeting and risk mitigation.

Program Curriculum

The 39 credit hours required for the MS degree must include the following core courses for a major in space systems operations

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- Successfully complete BUSN 5000.
 - Note: BUSN 5000 will count as an elective in the program. This option is **only** available for students who are required to take BUSN 5000.
- Complete **all** of the following undergraduate courses (or their equivalents) with a grade of C- or better (17 credit hours total, not including individual course prerequisites):
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