

# AVIATION FLIGHT TRAINING AND MANAGEMENT MINOR

**Banner Code:** AVIM

## Academic Advising

2100 Nguyen Engineering Building  
Fairfax Campus

Phone: 703-993-5689

Email: seor@gmu.edu

Website: <https://seor.gmu.edu/>

Students completing the minor will take classes for Pilot Ground School and Flight Training leading up to a solo flight. In addition, students will study aspects of aviation from systems engineering of air traffic control, design of airports, human factors and psychology, and financial planning and management. Students will be trained for required government licensing exams such as the Federal Aviation Administration (FAA) Knowledge Test and FAA Flight tests. Special fees to cover flight training costs will apply. Students are responsible for meeting all eligibility requirements.

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP.5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

### Minor Requirements

Total credits: 15

#### Required SEOR Courses

Code	Title	Credits
SYST 460	Introduction to Air Traffic Control	3
SYST 462	Flight Training Lab I (Lab fees to cover flight training costs apply) <sup>1</sup>	3
SYST 463	Flight Training Lab II (Lab fees to cover flight training costs apply) <sup>1</sup>	3
Total Credits		9

<sup>1</sup> To be eligible, students must have passed a mandatory FAA Medical Exam and the security background check. This course cannot provide testing accommodations under an Individualized Education Program (IEP).

#### Two Additional Courses

Code	Title	Credits
Select one from the following:		3
SYST 370 or SYST 371	Systems Project Management <sup>2</sup> Systems Engineering Management	
SYST 461	Air Transportation System Engineering	

MIS 303	Introduction to Business Information Systems (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
MBUS 305	Introduction to International Business (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
ECON 471	Airline Economics	
Total Credits		3

Code	Title	Credits
Select one from the following:		3
SYST 469 or SYST 470	Human Computer Interaction <sup>3</sup> Human Factors Engineering	
PSYC 317	Cognitive Psychology	
PSYC 333	Industrial and Organizational Psychology	
HIST 378	History of Aviation	
Total Credits		3

<sup>2</sup> Credit cannot be received for both SYST 370 and SYST 371.

<sup>3</sup> Credit cannot be received for both SYST 469 and SYST 470.

### Prerequisites

Some of the courses listed above have additional prerequisites. Students should pay careful attention to prerequisites when selecting courses.