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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYST 460</td>
<td>Introduction to Air Traffic Control</td>
<td>3</td>
</tr>
<tr>
<td>SYST 462</td>
<td>Flight Training Lab I (Lab fees to cover flight training costs apply)</td>
<td>3</td>
</tr>
<tr>
<td>SYST 463</td>
<td>Flight Training Lab II (Lab fees to cover flight training costs apply)</td>
<td>3</td>
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Total Credits 9

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>SYST 370</td>
<td>Systems Project Management ²</td>
<td>3</td>
</tr>
<tr>
<td>or SYST 371</td>
<td>Systems Engineering Management</td>
<td></td>
</tr>
<tr>
<td>SYST 461</td>
<td>Air Transportation System Engineering</td>
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Total Credits 3

² Credit cannot be received for both SYST 370 and SYST 371.
³ 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.