Aviation & Aerospace Management, B.S.
303-556-2983 Seventh Street 102
College of Professional Studies

This sheet applies to the 2015-2016 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>General Studies</td>
<td>34 min</td>
</tr>
<tr>
<td>Major courses</td>
<td>68</td>
</tr>
<tr>
<td>Minor (College of Business)</td>
<td>18 min</td>
</tr>
<tr>
<td>Total to graduate (min. 40 hrs. upper division)</td>
<td>120</td>
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*TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU DENVER*

Written Communication
- ENG 1010 (3 hrs) Composing Arguments*
- OR ENG 1008/1009 (6 hrs) Intro to Composition I and II*
- OR ENG 1020 (3 hrs) Freshman Comp: Anly, Rsrch, & Documt. (must be completed within 45-credit hours)

Oral Communication*
- SPE 1010 (3 hrs) Public Speaking
- OR SPE 1710 (3 hrs) Interpersonal Communication

Quantitative Literacy*
- MTH 1110 (4 hrs) College Algebra
- OR MTH 1112 (4 hrs) College Algebra Through Modeling
- OR MTH 1310 (4 hrs) Finite Mathematics for the Mgmt and Social Sciences

Arts & Humanities
- PHI 3360 (3 hrs) Business Ethics

Historical
- (3 hrs)

Natural & Physical Sciences
- PHY 1250 (6 hrs) Physics of Aviation (substitutions noted in university catalog)

Social & Behavioral Science I
- (3 hrs)

Social & Behavioral Science II
- (3 hrs)

Global Diversity
- (3 hrs) may be satisfied within General Studies

MAJOR COURSES (grade of “C-” or better required for all major upper-division classes). See faculty advisor.
- AES 1100 (6 hrs) Aviation Fundamentals
- AES 1400 (3 hrs) Aviation Weather
- AES 2220 (3 hrs) Flight Dispatcher and Load Planning
- OR AES 1050 (3 hrs) Introduction to Space
- AES 3220 (3 hrs) Aviation Law and Risk Management
- AES 3230 (3 hrs) Airline Management
- AES 3240 (3 hrs) Airline Planning
- AES 3600 (3 hrs) Space Flight Operations I
- AES 3850 (3 hrs) Human Factors and Physiology of Flight
- AES 3880 (3 hrs) Aviation Security
- AES 4200 (3 hrs) Airport Planning and Management I
- AES 4210 (3 hrs) Airport Planning and Management II (Sr. Exp.)
- AES 4220 (3 hrs) General and Business Aviation Operations
- AES 4240 (3 hrs) Air Cargo Industry
- AES 4601 (3 hrs) Space Flight Operations II
- AES 4602 (3 hrs) Aerospace Commercialized Operations
- AES 4603 (3 hrs) Aerospace Operations Systems Analysis and Design
- AES 4870 (3 hrs) Aviation Safety Program Management
- AES 4890 (3 hrs) Aviation and Aerospace Strategic Planning (Sr. Exp.)

ADDITIONAL REQUIRED COURSES
- MTH 1210 (4 hrs) Introduction to Statistics
- COM 2610 (3 hrs) Introduction to Technical Writing
- OR MKT 2040 (3 hrs) Business Communication
- OR SPE 3100 (3 hrs) Business and Professional Speaking
- Approved AES Electives (4 hrs)

Multicultural Requirement
(may be satisfied within General Studies, minor or electives)

MINOR required in the College of Business (minimum of 18-credit hours)

ELECTIVES