

Aviation & Aerospace Management, B.S.

303-556-2983 Seventh Street 102

School of Professional Studies

Catalog 14-15

This sheet applies to the 2014-2015 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.

| | |
|--|------------|
| General Studies | 34 min |
| Major courses | 68 |
| Minor (School of Business) | 18 min |
| Total to graduate (min. 40 hrs. upper division) | 120 |

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

*TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU DENVER

Written Communication

- ___ ENG 1010 (3hrs) Composing Arguments*
OR ENG 1008/1009 (6 hrs.) Intro to Composition I & II*
___ ENG 1020 (3hrs) 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

- ___ (3 hrs)
___ 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 & 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 & 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 (Senior Exp.)
___ AES 4230 (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 & Design
___ AES 4870 (3 hrs) Aviation Safety Program Management
___ AES 4910 (3 hrs) Aviation and Aerospace Strategic Planning (Sr. Exp.)

Additional required courses

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

___ **Multicultural Requirement**

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

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

Electives