

Aviation & Aerospace Management, B.S.

303-556-2983

Seventh Street 102

College of Professional Studies

Catalog 15-16

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.

General Studies	34 min
Major courses	68
Minor (College 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 (3 hrs) Composing Arguments*
- OR** ENG 1008/1009 (6 hrs) Intro to Composition I and II*
- 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

- (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 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 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 and 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 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