This sheet applies to the 2010-2011 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**

- **Major courses**
  - 57-58
- **Approved AES electives**
  - 10-11
- **Minor courses**
  - 18-31
- **Total to graduate (min. 40 hrs. upper division)**
  - 120-133

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**GENERAL STUDIES**

- **Composition**
  - ENG 1010-3 Freshman Comp: Essay
  - ENG 1020-3 Freshman Comp: Analysis, Research & Docum

- **Mathematics**
  - MTH 1110-4 College Algebra
  - or MTH 1112-4 College Algebra Through Modeling
  - or MTH 1310-4 Finite Math

- **Communications**
  - SPE 1010-3 Public Speaking

- **Historical**
  - -3

- **Arts & Letters**
  - PHI 1030-3 Ethics
  - -3

- **Social Sciences**
  - ECO 2010-3 Principles of Economics: Macro
  - ECO 2020-3 Principles of Economics: Micro

- **Natural Sciences**
  - PHY 1250-6 Physics of Aviation

- **Multicultural Requirement**
  - (may be satisfied within General Studies, major, minor or electives)
  - -3

- **MAJOR COURSES (grade of “C” or better required for all major upper-division classes)**
  - AES 1100-6 Aviation Fundamentals
  - AES 1400-3 Aviation Weather
  - AES 1710-3 Single Engine Flight Simulation I
  - AES 2110-6 Commercial/Instrument Ground
  - AES 2710-3 Instrument Flight Simulation I
  - AES 3000-3 Aircraft Systems & Propulsion
  - AES 3460-3 Weather for Aircrews
  - AES 3530-3 Aerodynamics
  - AES 3710-3 Multiengine Flight Simulation I
  - or AES 4710-4 Turboprop Flight Simulation
  - or AES 3850-3 Human Factors & Physiology of Flight
  - AES 3880-3 Aviation Security
  - AES 4040-3 Aircraft Performance
  - AES 4370-3 Advanced Navigation Systems
  - AES 4860-3 Aviation Safety
  - AES 4910-3 Aviation Management Problems and Job Targeting
  - AES 4930-3 Professional Flight Standards Seminar
  - or COM 2610-3 Introduction to Technical Writing
  - MKT 2040-3 Business Communications

- **Required Professional Pilot Documentation**

- **Plus a minimum of 10-11 semester hours of approved AES electives.**

The following courses may be substituted for AES electives:

- CIS 3270-3 Advanced Computer Applications for Business
- CIS 2300-3 Business Statistics
- or MTH 1210-4 Introduction to Statistics
- or MTH 1320-3 Calculus For Management and Social Sciences

**MINOR required (18 hours). Non-AES except Airframe & Powerplant Mechanics minor, which is 31 credits.**