This sheet applies to the 2011-2012 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>General Studies</th>
</tr>
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<tbody>
<tr>
<td>Major courses (includes 29 hrs. electives)</td>
</tr>
<tr>
<td>Minor courses</td>
</tr>
<tr>
<td>Total to graduate (min. 40 upper division hours)</td>
</tr>
</tbody>
</table>

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

**GENERAL STUDIES LEVEL I** (must be completed within first 30-credit hours)

- **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 Mathematics for the Mgmt and Social Sciences

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

**GENERAL STUDIES LEVEL II**

- **Historical**
  - -3

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

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

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

**ADDITIONAL GRADUATION REQUIREMENT**

- **Multicultural Requirement** (may be satisfied with general studies or minor)
  - -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 2220-3 Flight Dispatcher & Load Planning
- AES 3000-3 Aircraft Systems & Propulsion
- AES 3850-3 Human Factors & Physiology of Flight
- AES 3880-3 Aviation Security
- AES 4370-3 Advanced Navigation Systems
- AES 4860-3 Aviation Safety
- or AES 4870-3 Aviation Safety Program Management
- or AES 4910-3 Aviation Management and Job Targeting
- or COM 2610-3 Introduction to Technical Writing
- or MKT 2040-3 Business Communications
- or AES 4930-3 Professional Flight Standards Seminar
- or AES 4950-3 Aviation and Aerospace Science Mgt. Strategies
- or COM 4790-3 Senior Seminar in Tech. Communications (Sr Exper)

Plus a minimum of 29 semester hours of approved AES electives. The following courses may be substituted for approved AES electives:

- MTH 1210-4 Introduction to Statistics
- MTH 1320-3 Calculus for the Management & Social Sciences
- MGT 3000-3 Organizational Management
- MGT 4530-3 Organizational Behavior
- PSY 1001-3 Introductory Psychology

**ADDITIONAL NOTES**

- MINOR required (minimum 18-credit hours): non-AES except for Airframe and Powerplant Mechanics minor, which is 31-credit hours

*Courses in bold are recommended for students to complete within their freshman year at Metro State.*