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**

**Composition**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1010-3</td>
<td>Freshman Comp: Essay</td>
</tr>
<tr>
<td>ENG 1020-3</td>
<td>Freshman Comp: Analysis, Research &amp; Docum.</td>
</tr>
</tbody>
</table>

**Mathematics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 1110-4</td>
<td>College Algebra</td>
</tr>
<tr>
<td>or</td>
<td>MTH 1112-4</td>
</tr>
<tr>
<td>or</td>
<td>MTH 1310-4</td>
</tr>
</tbody>
</table>

**Communications**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 1010-3</td>
<td>Public Speaking</td>
</tr>
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</table>

**Historical**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 1030-3</td>
<td>Ethics</td>
</tr>
<tr>
<td>or</td>
<td>PHI 1030-3</td>
</tr>
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</table>

**Arts & Letters**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 1030-3</td>
<td>Ethics</td>
</tr>
<tr>
<td>or</td>
<td>PHI 1030-3</td>
</tr>
</tbody>
</table>

**Social Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ECO 2010-3</td>
<td>Principles of Economics: Macro</td>
</tr>
<tr>
<td>or</td>
<td>ECO 2020-3</td>
</tr>
</tbody>
</table>

**Natural Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 1250-6</td>
<td>Physics of Aviation</td>
</tr>
</tbody>
</table>

**Multicultural Requirement**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3</td>
<td></td>
</tr>
</tbody>
</table>

**MAJOR COURSES (grade of “C” or better is required for all major upper-division classes)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES 1100-6</td>
<td>Aviation Fundamentals</td>
</tr>
<tr>
<td>AES 1400-3</td>
<td>Aviation Weather</td>
</tr>
<tr>
<td>AES 1710-3</td>
<td>Single Engine Flight Simulation I</td>
</tr>
<tr>
<td>AES 2110-6</td>
<td>Commercial/Instrument Ground</td>
</tr>
<tr>
<td>AES 2150-4</td>
<td>Avionics for Aviators</td>
</tr>
<tr>
<td>AES 2710-3</td>
<td>Instrument Flight Simulation I</td>
</tr>
<tr>
<td>AES 3000-3</td>
<td>Aircraft Systems &amp; Propulsion</td>
</tr>
<tr>
<td>AES 3460-3</td>
<td>Weather for Aircrews</td>
</tr>
<tr>
<td>AES 3530-3</td>
<td>Aerodynamics</td>
</tr>
<tr>
<td>AES 3710-3</td>
<td>Multi-Engine Flight Simulation I</td>
</tr>
<tr>
<td>AES 4710-4</td>
<td>Turboprop Flight Simulation</td>
</tr>
<tr>
<td>AES 3850-3</td>
<td>Human Factors &amp; Physiology of Flight</td>
</tr>
<tr>
<td>AES 3880-3</td>
<td>Aviation Security</td>
</tr>
<tr>
<td>AES 4040-3</td>
<td>Aircraft Performance</td>
</tr>
<tr>
<td>AES 4370-3</td>
<td>Advanced Navigation Systems</td>
</tr>
<tr>
<td>AES 4860-3</td>
<td>Aviation Safety</td>
</tr>
<tr>
<td>AES 4910-3</td>
<td>Aviation Management and Job Targeting</td>
</tr>
<tr>
<td>AES 4930-3</td>
<td>Professional Flight Standards Seminar (Sr. Exper.)</td>
</tr>
<tr>
<td>AES 4935-6</td>
<td>Advanced Commercial Aircraft Systems</td>
</tr>
</tbody>
</table>

Required Professional Pilot Documentation—see department.

**AES Approved Electives—3-4 hrs.**

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