Pre aviation curriculum requirements:

- The aviation program has 3 different majors:
  - Flight Science (pilot training);
  - Technical Operations;
  - Management and Operations (management and technical support);
- The Flight Science major has several requirements for access to flight courses:
  - A Chief Flight Instructor-approved application for each ground school and flight lab;
  - An FAA 2nd class medical (1st class is recommended);
  - Enrollment in flight theory courses is subject to a minimum grade point average of 3.0 for community college students and transfers from other 4 year colleges and/or universities and minimum ACT Math score 20 or minimum SAT Math score 520 or math placement of MATH 1110 or higher at WMU;
  - Availability of aircraft and instructors.

The following courses are required of all 3 majors and may be taken at HFC:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>HFC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>SPC 145</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MATH 141</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 153 or 180</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 133</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENG 131 or 131H or 132 or 132H or 135</td>
</tr>
<tr>
<td>Gen Ed Area VIII</td>
<td>HPE 140 or HPEA 126</td>
</tr>
</tbody>
</table>

Required for Flight Science majors only:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>HFC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2010</td>
<td>BEC 152</td>
</tr>
<tr>
<td>GEOG 1050</td>
<td>GEOG 131</td>
</tr>
<tr>
<td>PSY 1000</td>
<td>PSY 131</td>
</tr>
</tbody>
</table>
Required for Management and Operations majors only:
CIS 1020  
GEOG 1050  
ECON 2010  
ECON 2020  
ACTY 2100  
ACTY 2110  
MKTG 2500  
BUS 1750  
PSY 1000  
CIS 100 or BCA 140  
GEOG 131  
BEC 152  
BEC 151  
BAC 131  
BAC 132  
BBA 252  
BBA 131  
PSY 131

Required for Technical Operations majors only:
BUS 1750  
CHEM 1100/1110  
BBA 131  
CHEM 131 or 141

Important notes:
- Satisfactory completion of all CFR Part 147 requirements in the Technical major prepares students to take the Federal Aviation Administration (FAA) Airframe and Powerplant written and practical exams;
- Flight Science majors are strongly encouraged to obtain the FAA First Class Medical Certificate before committing to this program. An FAA Second Class Medical Certificate is a prerequisite for the first flight course;
- All Flight Science students are required to subject themselves to the college-approved drug testing procedure before being allowed to participate in any flight activity in University aircraft;
- Graduates of the Flight Science major earn their FAA Commercial Pilot Certificate with Instrument and Multi-engine Land ratings;
- For information on airplanes, hangars, engines and other technical items, please visit the WMU College of Aviation website;
- For program information, please contact the advising office indicated below.

Approved by:
Sharon Van Dyken  
Director of Academic Advising  
College of Aviation

Contact information:
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(269) 387-0347