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 Bay:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>Bay courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>COMM 103 or 103H</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MATH 210</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 225</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 201 &amp; 202</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENGL 101 or 102 or 145</td>
</tr>
<tr>
<td>Gen Ed Area VIII</td>
<td>PHED 140 or 141</td>
</tr>
</tbody>
</table>

Required for Flight Science majors only:

- ECON 2010
- GEOG 1050
- PSY 1000

Note: Only do two courses from the General Education Areas I, II, III and IV at Bay. Two courses must be taken at the 3000+ level at WMU. See the general education program transfer guide.
Required for Management and Operations majors only:
CIS 1020        CIS 101  
GEOG 1050       GEOG 110  
ECON 2010       ECON 132  
ECON 2020       ECON 131  
ACTY 2100       ACCT 101  
ACTY 2110       ACCT 102  
MKTG 2500       BUSN 253  
BUS 1750        BUSN 160  
PSY 1000        PSYC 201  

Required for Technical Operations majors only:
BUS 1750        BUSN 160  
CHEM 1100/1110  CHEM 110  

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