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 Muskegon:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>MCC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 2160</td>
<td>MATH 115</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 151</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 201 &amp; 202</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>BCOM 101 or ENG 101</td>
</tr>
<tr>
<td>Gen Ed AREA VIII</td>
<td>HE 106</td>
</tr>
</tbody>
</table>

Required for Flight Science majors only:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>MCC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2010</td>
<td>ECON 102</td>
</tr>
<tr>
<td>GEOG 1050</td>
<td>GEOG 101A</td>
</tr>
<tr>
<td>GEOG 2250</td>
<td>GEOG 215</td>
</tr>
<tr>
<td>PSY 1000</td>
<td>PSYC 201</td>
</tr>
</tbody>
</table>
Required for Management and Operations majors only:
CIS 1020  
GEOG 1050  
GEOG 2250  
ECON 2010  
ECON 2020  
ACTY 2100  
ACTY 2110  
MKTG 2500  
BUS 1750  
PSY 1000  

CIS 110 or 120A  
GEOG 101A  
GEOG 215  
ECON 102  
ECON 101  
ACC 201  
ACC 202  
BUS 260  
BUS 121  
PSYC 201

Required for Technical Operations majors only:

BUS 1750  
CHEM 1100/1110  

BUS 121  
CHEM 101 & 101A

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