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 SMC:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>SMC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>SPEE 102</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MATH 150</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MATH 141</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHYS 101 &amp; 102</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENGL 103 or 104</td>
</tr>
</tbody>
</table>

**Required for Flight Science majors only:**

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>SMC courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2010</td>
<td>ECON 202</td>
</tr>
<tr>
<td>GEOG 1050</td>
<td>GEOG 110</td>
</tr>
<tr>
<td>PSY 1000</td>
<td>PSYC 101</td>
</tr>
</tbody>
</table>
Required for Management and Operations majors only:

CIS 1020  ISYS 110
GEOG 1050  GEOG 110
ECON 2010  ECON 202
ECON 2020  ECON 201
ACTY 2100  ACCO 201
ACTY 2110  ACCO 202
MKTG 2500  BUSI 220
BUS 1750   BUSI 101
PSY 1000   PSYC 101

Required for Technical Operations majors only:

BUS 1750   BUSI 101

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