Western Michigan University Aviation Curriculum Guide

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 Delta:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>Delta courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 1700</td>
<td>COM 114 or 114H</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MTH 208</td>
</tr>
<tr>
<td>MATH 2000</td>
<td>MTH 160</td>
</tr>
<tr>
<td>PHYS 1070 &amp; 1080</td>
<td>PHY 111 &amp; 112</td>
</tr>
<tr>
<td>IEE 1020</td>
<td>ENG 111 or 111A or 111B or 111C or 111H or 112 or 112H or 113 or OAT 151</td>
</tr>
<tr>
<td>Gen Ed Area VIII</td>
<td>LW 221</td>
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</tbody>
</table>

**Required for Flight Science majors only:**

- ECON 2010
- GEOG 1050
- GEOG 2250
- ECN 222
- GEO 111
- GEO 103
PSY 1000  PSY 211 or 211C or 211H

Required for Management and Operations majors only:
- CIS 1020  CST 133
- GEOG 1050  GEO 111
- GEOG 2250  GEO 103
- ECON 2010  ECN 222
- ECON 2020  ECN 221
- ACTY 2100  ACC 211
- ACTY 2110  ACC 212
- MKTG 2500  MGT 243
- BUS 1750  MGT 153
- PSY 1000  PSY 211 or 211C or 211H

Required for Technical Operations majors only:
- BUS 1750  MGT 153

Important Notes:
- Satisfactory completion of all CFR Part 147 requirements in the Technical major prepares students to take the 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 2nd Class Medical Certificate is a prerequisite to 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:
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College of Aviation

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