Western Michigan University Aviation Curriculum Guide

Pre aviation curriculum requirements:

- The aviation program has 3 different majors:
  - Flight Science (pilot training);
  - Maintenance Technology;
  - 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 a 2.5 for transfers from other 4 year colleges and/or universities and minimum ACT Math score 19 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>
</tbody>
</table>

Note: Only do two courses from the General Education Areas I, II, III and IV at Delta. Two courses must be taken at the 3000+ level at WMU. See the general education program transfer guide.

Required for Flight Science majors only:

<table>
<thead>
<tr>
<th>Flight Science majors only</th>
<th>Delta courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2010</td>
<td>ECN 222</td>
</tr>
<tr>
<td>GEOG 1050</td>
<td>GEO 111</td>
</tr>
<tr>
<td>GEOG 2250</td>
<td>GEO 103</td>
</tr>
<tr>
<td>PSY 1000</td>
<td>PSY 211 or 211C or 211H</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

- CST 133
- GEO 111
- GEO 103
- ECN 222
- ECN 221
- ACC 211
- ACC 212
- MGT 243
- MGT 153
- PSY 211 or 211C or 211H

Required for Maintenance Technology:

- BUS 1750
- CHEM 1100/1110

- MGT 153
- CHM 111 or 111H

Important Notes:

- Satisfactory completion of all CFR Part 147 requirements in the Maintenance 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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