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>
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<tbody>
<tr>
<td>COM 1700</td>
<td>COM 114 or 114H</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>MTH 208</td>
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<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>
</tr>
</tbody>
</table>

Required for Flight Science majors only:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>Delta courses</th>
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<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>
</tbody>
</table>
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
CHEM 1100/1110 CHM 111 or 111H

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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