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 2\textsuperscript{nd} class medical (1\textsuperscript{st} 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 Wayne:

<table>
<thead>
<tr>
<th>WMU courses</th>
<th>WCCCD courses</th>
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<tbody>
<tr>
<td>COM 1700</td>
<td>SPH 100</td>
</tr>
<tr>
<td>STAT 2160</td>
<td>BUS 221 or MAT 131</td>
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<tr>
<td>MATH 2000</td>
<td>MAT 171</td>
</tr>
<tr>
<td>PHYS 1070/1080</td>
<td>PHY 115</td>
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<tr>
<td>IEE 1020</td>
<td>ENG 119 or 120 or 134</td>
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Note: Only do two courses from the General Education Areas I, II, III and IV at Wayne. Two courses must be taken at the 3000+ level at WMU. See the [general education program transfer guide](#).

**Required for Flight Science majors only:**

- ECON 2010
- PSY 1000
Required for Management and Operations majors only:
CIS 1020        CIS 110
ECON 2010       ECO 102
ECON 2020       ECO 101
ACTY 2100       ACC 110
ACTY 2110       ACC 111
MKTG 2500       MKT 200
BUS 1750        BUS 150
PSY 1000        PSY 101

Required for Technical Operations majors only:
BUS 1750        BUS 150

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:
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College of Aviation

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