BACHELOR OF SCIENCE IN PROFESSIONAL FLIGHT

The icon appears in the title of traditional courses that are also available as a set of module courses.

Description and Outcomes
The Bachelor of Science in Professional Flight provides a broad perspective of the aviation industry, from making decisions in the airline industry to understanding your aircraft. If you do not already possess a commercial pilot certificate with airplane single-engine and multiengine ratings and a flight instructor certificate, you will complete the necessary flight hours with a Purdue Global-approved flight school and simultaneously take courses to complete a bachelor’s degree.

Program Length
The Bachelor of Science in Professional Flight program consists of a minimum of 180 quarter credit hours including the requisite flight training and certifications. Upon successful completion of the program, you will be awarded a Bachelor of Science degree.

Program Outcomes

**Discipline-Specific Outcomes**
1. **Disciplinary Knowledge and Skills:** Discuss the major areas of professional flight including, but not limited to, the evolution of aircraft, commercial air transportation, airspace management, and regulatory oversight bodies.
2. **Publication and Analysis:** Synthesize current publications in aviation operations including, but not limited to, finance decisions, aircraft maintenance, and meteorology.
3. **Critical Thinking and Problem Solving:** Analyze principles, concepts, safety, and/or issues in aviation to work effectively in the field.
4. **Leadership and Teamwork:** Apply leadership and teamwork practices as they relate to the aviation industry nationally as well as internationally.
5. **Professionalism and Ethics:** Examine aviation as a profession including careers, certifications, professional ethical behavior, and communication.

**General Education Literacies and Professional Competencies**
In addition to the discipline-specific outcomes, general education literacies and professional competencies are integrated throughout your academic program. You can review the general education literacies and professional competencies associated with your academic program in the General Education and Professional Competency Requirements (https://catalog.purdueglobal.edu/undergraduate/general-education-professional-competency-requirements/) section of this Catalog.

Program Availability
For program availability, please refer to the U.S. State and Other Approvals (https://catalog.purdueglobal.edu/policy-information/university-information/accreditation-approvals-memberships/) section and Program Availability Information (https://www.purdueglobal.edu/catalog-program-availability-info.pdf).

Policies

Admissions Requirements
You must meet the below admissions requirements in addition to Purdue Global’s general requirements (https://catalog.purdueglobal.edu/policy-information/admissions/).

The Dean of the School of Aviation or a designee will determine if you may enroll. To apply, you must:
1. Provide proof for evaluation and approval by the Dean or designee of either:
   a. A minimum of a commercial pilot certificate with airplane single-engine and multiengine ratings and a flight instructor certificate, or
   b. Completion of the Federal Aviation Administration (FAA) requirement for a Private Pilot Flight Certificate and acceptance and simultaneous enrollment at a Purdue Global-approved flight school.
2. Meet all Federal Transportation Security Administration and FAA requirements for flight training and provide evidence of such to the Dean or designee.
3. Secure a first-class medical certificate and provide evidence of such to the Dean or designee. Medical certificates may be obtained from an FAA-authorized aviation medical examiner (AME). A list of AMEs can be found on the FAA website (https://www.faa.gov/pilots/amelocator/).

Progression Requirements
You must meet the following progression requirement in addition to Purdue Global’s general requirements.

If you do not possess a minimum of a commercial pilot certificate with airplane single-engine and multiengine ratings and a flight instructor certificate, you must complete all flight training requirements at a Purdue Global-approved flight school.

If you must complete flight training requirements with a Purdue Global-approved flight school to complete your program requirements:
1. You are expected to perform in an ethical, safe, and professional manner and to assist in all matters appropriate to the scope of practice. Failure to do so may result in course failure and dismissal from the program.
2. You are responsible for paying for your own transportation, housing, and availability to attend the flight instruction program.

Graduation Requirements
In addition to Purdue Global’s general graduation requirements (https://catalog.purdueglobal.edu/undergraduate/policy-information/), in order to graduate from this program, you must complete the required flight instruction, earn a commercial pilot certificate with airplane single-engine and multiengine ratings and a flight instructor certificate, and provide evidence of such. If you reach the end of the required coursework for the
program and have not provided this evidence, you will be dismissed from the program and will not graduate.

**Certification, State Board, and National Board Exams**

Certain state certification and licensure boards have specific educational requirements for programs to lead to a license or nongovernmental certification that is a precondition for employment in a recognized occupation.

Unless otherwise specified, Purdue Global’s programs are not designed to meet any specific state’s licensure or certification requirements. If certain licensed occupations, vocations, or professions are not explicitly listed, Purdue Global has not reviewed the licensure or certification requirements of those occupations, vocations, or professions, nor intended the program to meet such requirements. Licensure-track programs may limit enrollment to students in certain states; please see Purdue Global’s Program Availability Information (https://www.purdueglobal.edu/catalog-program-availability-info.pdf) to determine enrollment eligibility.

You are responsible for understanding the requirements of optional certification exams. Such requirements may change during the course of your program. You are not automatically certified in any way upon program completion. Although certain programs are designed to prepare you to take various optional certification exams, Purdue Global cannot guarantee you will be eligible to take these exams or become certified. Your eligibility may depend on your work experience, completion of education and/or degree requirements, not having a criminal record, meeting other certification requirements, or the program or the University itself having appropriate accreditation or licensure.

**Degree Plan**

The icon appears in the title of traditional courses that are also available as a set of module courses. Module course availability may be limited to certain academic calendars. See Course Types (https://catalog.purdueglobal.edu/policy-information/university-information/approach-to-learning/) for information about module courses.

**Program Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CM107</td>
<td>College Composition I</td>
<td>5</td>
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<tr>
<td>CM220</td>
<td>College Composition II</td>
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<td>CS212</td>
<td>Communicating Professionalism</td>
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<td>100/200 Level Mathematics Requirement</td>
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<tr>
<td>100/200 Level Arts and Humanities Requirement</td>
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<td>100/200 Level Science Requirement</td>
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<td>100/200 Level Social Science Requirement</td>
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<tr>
<td>100/200 Level General Education Electives</td>
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<td><strong>Total Core Requirements</strong></td>
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**Major Requirements**

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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>AV102</td>
<td>Aviation Business</td>
<td>5</td>
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<tr>
<td>AV203</td>
<td>Aviation Operations Management</td>
<td>5</td>
</tr>
<tr>
<td>AV210</td>
<td>Ground Trainer</td>
<td>1.5</td>
</tr>
<tr>
<td>AV243</td>
<td>Commercial Pilot Flight I</td>
<td>3</td>
</tr>
<tr>
<td>AV248</td>
<td>Commercial Pilot Flight II</td>
<td>3</td>
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AV249 | Instrument Flight Lectures | 5 |
AV253 | Instrument Flight Training | 4.5 |
AV254 | Commercial Flight Lectures | 5 |
AV298 | Aviation Technology Practicum | 5 |
AV325 | Advanced Aviation Meteorology | 5 |
AV327 | Advanced Transport Flight Operations | 5 |
AV338 | Business Aviation Management | 5 |
AV340 | Aerospace Business Statistics | 5 |
AV346 | Transport Category Aircraft Systems I | 5 |
AV351 | Flight Instructor Flight | 2.5 |
AV352 | Flight Instructor Lectures | 5 |
AV353 | Multiengine Flight | 2.5 |
AV354 | Advanced Flight Path Management | 5 |
AV388 | Transport Category Aircraft Systems II | 5 |
AV412 | Aviation Finance | 5 |
AV421 | Managerial Economics in Aviation | 5 |
AV438 | Airline Operations | 5 |
AV454 | Human Factors in Aviation | 5 |
AV475 | Aviation Law | 5 |
AV481 | Aviation Safety Problems | 5 |
AV498 | Aviation Technology Capstone | 5 |
| **Total Major Requirements** | **117** |

**Open Elective Requirements**

<table>
<thead>
<tr>
<th>Open Elective</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>Total Open Elective Requirements</strong></td>
<td><strong>18</strong></td>
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</tbody>
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**TOTAL CREDITS** | **180**

1 For options to fulfill this requirement, see the corresponding literacy in General Education and Professional Competency Requirements (https://catalog.purdueglobal.edu/undergraduate/general-education-professional-competency-requirements/).

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