

- Minimum 15 of the last 30 credits earned at PennWest.
- Minimum of 19 major credits must be completed at PennWest or a State System (PASSHE) university.

General Education

Foundations: (9 Credits)

First Year Seminar (3 Credits)

- ☐ FYS 1000 Navigating the First Year at PennWest

Quantitative Reasoning

- ☐ MATH 1230 Trigonometry

Written Communication (3 Credits)

- ☐ ENGL 1200 College Composition

Discoveries: (12 Credits)

Social Sciences (3 Credits)

- ☐ ECON 2100 Principles of Microeconomics
- ☐ GEOG 1110 World Geography

Natural Sciences and Technology (3 Credits)

- ☐ PHYS 1078 Current Questions in Science
- ☐ Or PHYS 1178 Discovering Physical Sciences
- ☐ Or PHYS 1278 Discovering Environmental

Flex Discoveries (3 Credits)

- ☐ CMSC 1040 Personal Productivity Software

Program Requirements

Required Major Courses: (30 Credits)

- ☐ AERO 2200 Private Pilot Ground
- ☐ AERO 2400 Instrument Pilot Ground
- ☐ AERO 2600 Commercial Pilot Ground
- ☐ AERO 3200 Private Pilot Flight
- ☐ AERO 3400 Instrument Pilot Flight
- ☐ AERO 3600 Commercial Pilot Flight
- ☐ BSAD 1000 Introduction to Business
- ☐ Select one from the following courses:
 - ☐ ITE 3050 OSHA Industrial Safety
 - ☐ Or ITE 3410 Quality Control
 - ☐ Or MGMT 3000 Principles of Management
- ☐ ENGL 2230 Writing and the Natural Sciences
- ☐ Select one from the following courses:
 - ☐ ENGL 3230 Technical Writing
 - ☐ Or PHIL 3210 Engineering Ethics
 - ☐ Or PHIL 3240 Environmental Ethics

Major Electives: (9 Credits)

- ☐ Select three from the following courses:
 - ☐ AERO 1200 Intro to UAVs
 - ☐ AERO 2800 Cert. Flight Instr. Ground
 - ☐ AERO 3800 Cert. Flight Instr. Flight
 - ☐ ATMS 1100 Introduction to Weather and Climate
 - ☐ Any BSAD, DGMT, ECET, ECON, ENGT, FINA, ITE, MECH, MGMT, MKTG, ROBO course 1000-4999

Suggested Two Year Course Sequence

Summer Start

Year 1

Summer Semester

AERO 2200 Private Pilot Ground
AERO 3200 Private Pilot Flight
MATH 1220 College Algebra*

Fall Semester

AERO 2400 Instrument Pilot Ground
AERO 3400 Instrument Pilot Flight
ENGL 1200 College Composition
FYS 1000 Navigating the First Year at PennWest
MATH 1230 Trigonometry*

Spring Semester

ENGL 2230 Writing and the Natural Sciences
GEOG 1110 World Geography
Major Elective
Major Elective
PHYS 1078 Current Questions in Science
Or PHYS 1178 Discovering Physical Sciences
Or PHYS 1278 Discovering Environmental Sciences

Year 2

Summer Semester

AERO 2600 Commercial Pilot Ground
AERO 3600 Commercial Pilot Flight
CMSC 1040 Personal Productivity Software

Fall Semester

BSAD 1000 Intro to Business
ECON 2100 Principles of Microeconomics
ENGL 3230 Technical Writing
Or PHIL 3210 Engineering Ethics
Or ENGL 3240 Workplace Writing
ITE 3050 OSHA Industrial Safety
Or ITE 3410 Quality Control
Or MGMT 3000 Principles of Management
Major Elective

Fall Start

Year 1

Fall Semester

AERO 2200 Private Pilot Ground
AERO 3200 Private Pilot Flight
ENGL 1200 College Composition
FYS 1000 Navigating the First Year at PennWest
MATH 1230 Trigonometry*

Spring Semester

GEOG 1110 World Geography
Major Elective
Major Elective
ITE 3050 OSHA Industrial Safety
Or ITE 3410 Quality Control
Or MGMT 3000 Principles of Management

Summer Semester

AERO 2400 Instrument Pilot Ground
AERO 3400 Instrument Pilot Flight

Year 2

Fall Semester

BSAD 1000 Intro to Business
CMSC 1040 Personal Productivity Software
ECON 2100 Principles of Microeconomics
PHYS 1078 Current Questions in Science
Or PHYS 1178 Discovering Physical Sciences
Or PHYS 1278 Discovering Environmental Sciences

Spring Semester

AERO 3400 Commercial Pilot Ground
AERO 3600 Commercial Pilot Flight
ENGL 2230 Writing and the Natural Sciences
ENGL 3230 Technical Writing
Or PHIL 3210 Engineering Ethics
Or ENGL 3240 Workplace Writing
Major Elective

***NOTE: A student who does not test into MATH 1230 Trigonometry could take the prerequisite MATH 1220 College Algebra during the summer prior**