

- Minimum 30 of the last 60 credits earned at PennWest.
- Minimum of 39 major credits must be completed at PennWest or a State System (PASSHE) university.
- Minimum Total of 42 Credits in Advanced Coursework.

General Education

Foundations: (15-18 Credits)

First Year Seminar (3 Credits)

- ☐ FYS 1000 Navigating the First Year at PennWest

Quantitative Reasoning (3-4 Credits)

- ☐ MATH 1410 Precalculus, or MATH 2320 Essentials of Calculus or MATH 2410 Calculus I

Written Communication (3-6 Credits)

- ☐ ENGL 1100 Intro. to Comp. & ENGL 1200 College Comp.
☐ Or ENGL 1200 College Composition

Oral Communication (3 Credits)

- ☐ COMM 1010 Public Speaking

Technological Literacy (3 Credits)

- ☐ ED 2333 Technology in Teaching and Learning

Discoveries: (26-29 Credits)

Arts and Humanities (6 Credits)

- ☐ ENGL 1300 Introduction to Literature or ENGL 2310 American Literature Survey I
☐ _____

Social Sciences (6 Credits)

- ☐ ED 1750 Educational Psychology
☐ ED 2500 Cultural Awareness in Education

Natural Sciences and Technology (7 Credits)

- ☐ STAT 2020 Elements of Statistics
☐ CHEM 1108 General Chemistry I

Flex Discoveries (If DSP into ENGL 1200) (10 Credits)

- ☐ CHEM 1128 General Chemistry II
☐ EXSC 2365 Health Emergencies
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Essential Skills:

Intensive Writing

- ☐ ED 4250 Student Teaching

Capstone

- ☐ ED 4240 Student Teaching

General Education Notes:

If Directed Self-Placement (DSP) includes ENGL 1100, the student will complete 6 courses in Foundations and 8 courses in Discoveries. If DSP into ENGL 1200, the student will complete 5 courses in Foundations and 9 courses in Discoveries. DSP into ENGL 1100 reduces the number of Gen Ed Flex courses to 6 vs. 9.

Program Requirements

Required Major Courses: (45 Credits)

Minimum Program Requirements:

- * 3.00 cumulative GPA
- * C- grade for any course with education prefix ECEE, ED, SPED; plus COMM 1010, ENGL 1200, ENGL 2310, ENGL 2320 or 2330, MATH 1110, MATH 2120, SPED 1050, SPED 2000, SPED 2100.

- ☐ ED 1100 Introduction to Middle/Secondary Education
☐ ED 2200 School Law and Ethics
☐ ED 3100 Strategies
☐ ED 3104 Teaching of Science
☐ ED 3300 Learning Environments
☐ ED 3610 Content Area Literacy
☐ ED 3700 ELL Foundations
☐ ED 4100 Educational Assessments
☐ ED 4240 Student Teaching
☐ ED 4250 Student Teaching
☐ SPED 1050 Foundations of Special Education
☐ SPED 2000 Assessments and Positive Behavior Interventions
☐ SPED 2100 Teaching Students with Disabilities

Required Concentration Courses: (30 Credits)

- ☐ ED 3615 Data Inquiry in STEM Education
☐ BIOL 1400 Introduction to Ecology and Evolution
☐ BIOL 1700 Introduction to Organismal Biology
☐ BIOL 1900 Introduction to Cellular and Molecular Biology
☐ BIOL 2202 Genetics
☐ **Select one:** BIOL 2810/2811 Human Anatomy and Physiology I, BIOL 3810/3811 Human Anatomy and Physiology II, or BIOL 4775 Mammalogy
☐ _____
☐ **Select one:** BIOL 3248 Advanced Ecology, BIOL 4475 Wetlands Ecology, BIOL 4770 Forest Ecology and Management, FWSC 4423 Wildlife Management Techniques or FWSC 4492 Animal Population Dynamics
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☐ **Select one:** BIOL 2010 Introduction to Bioethics, BIOL 3335 Sustainable Agriculture, BIOL 3399 Conservation Biology, BIOL 3411 Environmental Sustainability, or FWSC 4435 Natural Resource Law and Policy
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Suggested Four Year Course Sequence

Year 1

Fall Semester

Arts and Humanities
ED 1100 Introduction to Middle/Secondary Education
ED 1750 Educational Psychology
ENGL 1200 College Composition
FYS 1000 Navigating the First Year at PennWest
Quantitative Reasoning

Spring Semester

COMM 1010 Public Speaking
ED 2500 Cultural Awareness in Education
GEOL 1500 Dynamic Earth
SPED 1050 Foundations of Special Education
STAT 2020 Elements of Statistics

Year 3

Fall Semester

BIOL 1400 Intro to Ecology and Evolution
BIOL 2202 Genetics
ED 3300 Learning Environments
EXSC 2365 Health Emergencies

Spring Semester

BIOL 2010 Introduction to Bioethics
Or BIOL 3335 Sustainable Agriculture
Or BIOL 3399 Conservation Biology
Or BIOL 3411 Environmental Sustainability
Or FWSC 4435 Natural Resource Law and Policy
ED 3100 Strategies
ED 3615 Data Driven Inquiry in STEM Education
ED 3700 ELL Foundations
SPED 2100 Teaching Students with Disabilities

Year 2

Fall Semester

BIOL 1700 Intro to Organismal Biology
CHEM 1108 General Chemistry I
ED 2200 School Law and Ethics
ED 3610 Content Area Literacy
ENGL 1300 Introduction to Literature
Or ENGL 2310 American Literature Survey I

Spring Semester

BIOL 1900 Intro to Cell and Molecular Biology
CHEM 1128 General Chemistry II
ED 2333 Technology in Teaching and Learning
SPED 2000 Assessments & Positive Behavior Interventions

Year 4

Fall Semester

BIOL 2810/2811 Human Anatomy and Physiology I
Or BIOL 3810/3811 Human Anatomy and Physiology II
Or BIOL 4775 Mammalogy
BIOL 3248 Advanced Ecology
Or BIOL 4475 Wetlands Ecology
Or BIOL 4770 Forest Ecology and Management
Or FWSC 4423 Wildlife Management Techniques
Or FWSC 4492 Animal Population Dynamics
ED 3104 Teaching of Science
ED 4100 Educational Assessments

Spring Semester

ED 4240 Student Teaching
ED 4250 Student Teaching