

- Minimum 30 of the last 60 credits earned at PennWest.
- Minimum of 40 major credits must be completed at PennWest or a State System (PASSHE) university.
- Minimum Total of 42 Credits in Advanced Coursework.

General Education

Foundations: (16-19 Credits)

First Year Seminar (3 Credits)

- ☐ FYS 1000 Navigating the First Year at PennWest

Quantitative Reasoning: Choose one (4 Credits)

- ☐ MATH 1410 Precalculus
☐ 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: (24-27 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 (6 Credits)

- ☐ MATH 1230 Trigonometry
 Or STAT 2020 Elements of Statistics
☐ PHYS 1500 General Physics I

Flex Discoveries (If DSP into ENGL 1200) (9 Credits)

- ☐ HLSC 3150 First Aid and Personal Safety
☐ _____
☐ _____

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 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 Assessment and Positive Behavior Interventions
☐ SPED 2100 Teaching Student with Disabilities
☐ TED 3105 Teaching of Tech ED

Required Concentration Courses: (26 Credits)

- ☐ BIOL 2100 Survey of Biotechnology
☐ CMSC 1200 Problem Solving and Programming Constructs
☐ DGMT 1800 Foundations of Digital Media
☐ ECET 1110 Electrical Circuits I
☐ ENGT 1100 Introduction to Engineering Technology
☐ MECH 2400 Engineering Graphics and Computer Aided Design
☐ PHYS 1510 General Physics I Laboratory
☐ TED 1111 Information Systems
☐ TED 1200 Engineering Materials
☐ Technology Elective in ENGT, MECH, ITE, ROBO, ECET, DGMT, CMIS, or CMSC

Choose one Pathway: (9 Credits)

Mechanical Technology Pathway

- ☐ MECH 2000 Manufacturing Processes
☐ MECH 3220 Properties and Strength of Materials
☐ THEA 1410 Stagecraft or ITE 3050 OSHA Industrial Safety

Robotics Pathway

- ☐ CMSC 1240 Computer Programming I
☐ MECH 3325 Fundamentals of Programmable Logic Controllers
☐ ROBO 1100 Agile Robotics I

Electronics Pathway

- ☐ ECET 2160 Electrical Circuits II
☐ ECET 2210 Linear Electronics I
☐ ECET 2535 Digital Electronic Design

Suggested Four Year Course Sequence

Year 1

Fall Semester

ED 1100 Introduction to Middle/Secondary Education
ED 1750 Educational Psychology
ENGL 1200 College Composition
FYS 1000 Navigating the First Year at PennWest
MATH 1410 Precalculus
Or MATH 2410 Calculus I

Spring Semester

ED 2500 Cultural Awareness in Education
MATH 1230 Trigonometry
Or STAT 2020 Elements of Statistics
PHYS 1500/1510 General Physics Lecture and Lab
SPED 1050 Foundations of Special Education
TED 1111 Information Systems

Year 3

Fall Semester

BIOL 2100 Survey of Biotechnology
CMSC 1200 Problem Solving and Programming Constructs
COMM 1010 Public Speaking
ECET 1110 Electrical Circuits I
ED 3300 Learning Environments
Pathway Elective

Spring Semester

Arts and Humanities
CMSC 1240 Computer Programming I
ED 3100 Strategies
ED 3700 ELL Foundations
Pathway Elective
SPED 2100 Teaching Students with Disabilities

Year 2

Fall Semester

ED 2200 School Law and Ethics
ED 3610 Content Area Literacy
ENGL 1300 Introduction to Literature
Or ENGL 2310 American Literature Survey I
ENGT 1100 Introduction to Engineering Technology
ROBO 1100 Agile Robotics I

Spring Semester

ED 2333 Technology in Teaching and Learning
DGMT 1800 Foundations of Digital Media
ROBO 1200 Agile Robotics II
SPED 2000 Assessment and Positive Behavior Interventions
TED 1200 Engineering Materials

Year 4

Fall Semester

ED 4100 Educational Assessments
HLSC 3150 First Aid and Personal Safety
MECH 2400 Engineering Graphics and Computer Aided Design
Pathway Elective
TED 3105 Teaching of Tech ED

Spring Semester

ED 4240 Student Teaching
ED 4250 Student Teaching