



Degree: Bachelor of Science in Education
College: Education, Arts and Humanities
Major: Middle Level Education
Major Code: MDLE
Concentration: Middle Level Math (MEMT)

Credits Required: 120

Graduation Requirements:

- 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 Credits)

- ☐ MATH 1110 Mathematics for Teachers 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 2120 Mathematics for Teachers II
- ☐ ED 1300 Teaching STEELS Inquiry in Schools I

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

- ☐ ED 2300 Teaching STEELS Inquiry in Schools II
- ☐ PSYC 2200 Lifespan Development Psychology
- ☐ _____

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 & 8 courses in Discoveries. If DSP into ENGL 1200, the student will complete 5 courses in Foundations & 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: (57 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.

- ☐ Choose one of the following:
 - ☐ ECEE 3710 Teaching Science in Grades K-4
 - ☐ ED 3104 Teaching of Science
- ☐ Choose one of the following:
 - ☐ ECEE 3720 Teaching Social Studies in Grades K-4
 - ☐ ED 3103 Teaching of Social Studies
- ☐ Choose one of the following:
 - ☐ ECEE 3730 Teaching Disciplinary Literacy K-4
 - ☐ ED 3101 Teaching of English
- ☐ ED 1100 Introduction to Middle and Secondary Education
- ☐ ED 2200 School Law and Ethics
- ☐ ED 3100 Strategies
- ☐ ED 3102 Teaching of Mathematics
- ☐ ED 3300 Learning Environments
- ☐ ED 3610 Content Area Literacy
- ☐ ED 3615 Data Inquiry in STEM Education
- ☐ 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 Students with Disabilities

Required Concentration Courses: (21 Credits)

- ☐ ECEE 3610 Phonetics and Structural Language Instruction
- ☐ MATH 1410 Precalculus
- ☐ MATH 1610 Informal Geometry
- ☐ MATH 2410 Calculus I
- ☐ MATH 2420 Calculus II
- ☐ STAT 2020 Elements of Statistics

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 1110 Mathematics for Teachers I
MATH 1410 Precalculus

Spring Semester

Arts and Humanities
ED 2500 Cultural Awareness in Education
MATH 2410 Calculus I
MATH 2120 Mathematics for Teachers II
SPED 1050 Foundations of Special Education

Year 3

Fall Semester

ECEE 3610 Phonics and Structured Language Instruction
ED 2300 Teaching STEELS Inquiry in Schools II
ED 3300 Learning Environments
MATH 1610 Informal Geometry

Spring Semester

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

COMM 1010 Public Speaking
ED 2200 School Law and Ethics
ED 3610 Content Area Literacy
ENGL 1300 Introduction to Literature
Or ENGL 2310 American Literature Survey I
MATH 2420 Calculus II

Spring Semester

ED 1300 Teaching STEELS Inquiry in Schools I
ED 2333 Technology in Teaching and Learning
SPED 2000 Assessment and Positive Behavior Interventions
STAT 2020 Elements of Statistics

Year 4

Fall Semester

ED 3102 Teaching of Mathematics
ED 4100 Educational Assessments
ECEE 3710 Teaching of Science in grades K-4
Or ED 3104 Teaching of Science
ECEE 3720 Teaching Social Studies in Grades K-4
Or ED 3103 Teaching of Social Studies
ECEE 3730 Teaching Disciplinary Literacy K-4
Or ED 3101 Teaching of English

Spring Semester

ED 4240 Student Teaching
ED 4250 Student Teaching