# B.S.Ed. in Upper Elementary & Middle Grades (4-8) Preparation

**Suggested Course Sequence**

## Semester 1 (Freshman)
- ENGL 110: English Composition
- MATH 104: Fundamentals of Math I
- SPED 101: Intro to Special Education
- ECON 100: Introductory Economics
- BIOL 100 (L): General Biology

Total 16 credits

## Freshman: Pass the Pre-Service Testing Requirement by the end of this semester

## Semester 2 (Freshman)
- COMM 100: Fundamentals of Speech
- ENGL 242 (W): Reading Our World
- PSYC 227: Development of the Child and Adolescent (with a waiver for PSYC 100)
- HIST 200: Reimaging Holidays and Heroes
- MATH 204/205/230 Algebra/Geometry/Prob-Stat for Middle Level (take all three, as available in offerings)

Total 15 credits

## Semester 3 (Sophomore)
- MATH 204/205/230 Algebra/Geometry/Prob-Stat for Middle Level (take all three, as available in offerings)
- GEOG 141: World Regional Geography
- WELL 175: Wellness: Concepts of Health and Fitness
- MDLV 335: Literature for Children and Young Adults
- CHEM 103 (L): General Organic Biochem 1 (non-math/science concentrations) OR CHEM 111 (L): Introductory Chemistry 1 (math/science concentrations)

Total 15 credits

## Semester 4 (Sophomore)
- EDFN 211 (D): Foundations of Modern Education
- EDFN 241: Psychological Foundations of Teaching
- MATH 204/205/230 Algebra/Geometry/Prob-Stat for Middle Level (take all three, as available in offerings)
- ENGL 220: Intro to Language Studies
- GEOG 130: Environmental Science OR ESCI 120: Environmental Geology OR BIOL 140: Intro to Geology (G2) OR BIOL 340: Perspectives in Environ. Awareness (P)

Total 15/16 credits

Be Aware of APS Status

## Semester 5 (Junior)
- PHYS 101: Survey of Physics
- ENGL 311 or other (AW): Advanced Composition
- GOVT 111: Introduction to American Government
- Concentration Course 1
- Concentration Course 2

Total 16 credits

## Semester 6 (Junior)
- SPED 331: Positive Learning Environments for All Students
- MDLV 486 (P): Teaching English Language Learners at Middle Level
- MDLV 323 (W): Teaching Reading in the Content Areas
- Concentration Course 3
- Concentration Course 4

Total 15 credits

Transfers: Pass the Pre-Service Testing Requirement by the end of this semester

## Semester 7 (Senior)
- PROFESSIONAL BLOCK II:
  - MDLV 425: Teaching of Literacy
  - MDLV 446: Teaching Social Studies
  - MDLV 456: Teaching Middle Level Math
  - MDLV 466: Teaching of Science
  - SPED 311 (W): Assessment for Designing and Implementing Instruction

Total 15 credits

You must have 3 writing (W) courses

## Semester 8 (Senior)
- EDEL 461: Student Teaching
- EDEL 462: Student Teaching

Total 12 credits

**TOTAL = 120-123 CREDITS (depending upon concentration)**

*PDS interviews if doing Professional Block II in the fall semester.*
Within your concentration, you must take four (4) courses. If you choose a second + concentration, you must take four (4) courses within that additional concentration.

English Concentrations required:
ENGL 430: Studies in Ethnic American Literature Since 1945
ENGL 487: Seminar in Teaching Writing

Select two (2) from the following:
HUMN 202: Classical Mythology
ENGL 231: World Literature 1
ENGL 333 (W): African-American Lit 1
ENGL 334: African-American Lit 2
ENGL 338 (W): Folklore & Lit
ENGL 342: Reading and Writing for Civic Change
ENGL 471: Creative Writing
ENGL 486: Teaching Reading & Lit with Young Adult

Math Concentration required:
MATH 161: Calculus 1 (4-credits; prerequisite - placement or MATH 160)
MATH 211: Calculus 2 (4-credits; prerequisite - MATH 161)

Select two (2) from the following:
- MATH 301: History of Mathematics (P, 3-credits; prerequisite - MATH 161, 60 credits)
- MATH 310 (W): Introduction to Mathematical Proof (3-credits; prerequisite – MATH 211)
- MATH 325: Mathematical Connections (3-credits; prerequisite – MATH 310, permission)
- MATH 393: Number Theory (3-credits; prerequisite – MATH 310)

Please assign faculty members in the Department of Mathematics as secondary/co-advisors (like minor advisors) for all middle-level mathematician majors (MDLV Math).

Social Studies Concentrations required:
Choose one: GEOG 245: Geography of Pennsylvania OR GEOG 281: Maps and GIS
HIST 205: The Art & Craft of History
ECON 203: Introduction to World Economics
Choose one: GOVT 112: Introduction to State and Local Government OR GOVT 221: Introduction to Comparative Political Systems OR GOVT 251: Introduction to Global Politics (W) OR GOVT 333: American Political Thought (W) OR GOVT 352: International Organizations

Science Concentrations required:
Choose one: PHYS 117: General Astronomy OR PHYS 131: Physics I with Algebra
CHEM 112 (L): Introductory Chemistry 2

Select two (2) from the following:
ESCI 202: Earth in Space
ESCI 221 (L): Physical Geology
ESCI 222 (L; W): Historical Geology (has prerequisite of ESCI 221 so must be taken as pair) OR ESCI 261 (L): Intro to Oceanography