### I. SPECIALIZATION CONTENT

- **NEED**
  - BIOL103 Principles of Biology 4CR.
  - CHEM140 General Chemistry I 4CR.
  - GEOG 300 or above 3CR.
  - PHYS201 Physics I 4CR.
  - GEOS109 Atmospheric & Space Science or GEOS101 Dynamic Earth 3CR.
  - BIOL230 Botany 4CR.
  - or BIOL240 Zoology

### A. ENGLISH CONTENT

- ENGL101 College Writing Skills 3CR.
- ENGL102 Spec. College Writing 3CR.
- ENGL201 American Literature Survey I 3CR.
- or ENGL202 American Literature Survey II
- ENGL205 Multi-ethnic American Lit. 3CR.
- ENGL211 Traditional Grammar 3CR.
- ENGL545 Adolescent Literature 3CR.
- ENGL118 Intro. to Poetry 3CR.

### B. SOCIAL STUDIES CONTENT

- HIST101 World Civilization I 3CR.
- or HIST102 World Civilization II 3CR.
- HIST261 History of US I 3CR.
- or HIST262 History of US II 3CR.
- HIST380 Pennsylvania History 3CR.

### C. MATHEMATICS CONTENT

- MATH105 College Algebra 3CR.
- MATH208 Essentials of Calculus 3CR.
- MATH250 Informal Geometry 3CR.
- MATH260 Elements of Statistics 3CR.

### II. REQUIRED FOR CERTIFICATION

- *MLED667 Integrated Mathematics and Science for the Middle Level Learner 3CR.
- *MLED666 Integrated English, Language Arts and Social Studies for the Middle Level Learner 3CR.
- *MLED675 Middle Level Field 3CR.
- *MLED695 Middle Level Student Teach. 12CR.

### III. PROFESSIONAL CORE

- SEDU702 Teaching in the Contemporary Multicultural Classroom 3CR.
- SEDU731 Applications of Technology Integration in Education
- SPED710 Seminar in Exceptionalities 3CR.

### IV. SPECIALIZATION OPTIONS

- SEDU607 Content Literacy in the Middle and Secondary School
- SEDU700 Educational Assessment of Students in the Middle and Secondary School
- SPED 725 Seminar in Mild to Moderate Disabilities 3CR.
- *SEDU691 Classroom Management in 7-12 3CR.

### V. REQUIRED FOR MASTERS

- SEDU692 Seminar on Teaching Adolescents 3CR.
- SEDU786 Secondary & Middle School School Curr. Improvement & Develop.
- EDUC788 Research in Education 3CR.
- SEDU797 Action Research OR 3CR.
- SEDU799 Thesis

**Total number of credits:**

Jessica Albert, Graduate Admissions Counselor

Date

* Please note certification requirements are set by The Pennsylvania Department of Education and are subject to change at any time.