

## General Education

### Foundations: (13 Credits)

**Oral Communication (3 Credits)**

- COMJ 1010 Public Speaking

**Quantitative Reasoning (3 Credits)**

- MATH 2410 Calculus I

**Technological Literacy (3 Credits)**

- ED 2333 Technology in Teaching and Learning

**Written Communication (3 Credits)**

- ENGL 1200 College Composition

### Discoveries: (Credits 29)

**Art/Humanities (9 Credits)**

- ENGL 1300 Intro to Literature or ENGL 2310 Amer. Lit Survey I
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**Natural Sciences & Technology (11 Credits)**

- CHEM 1108 General Chemistry I
- PHYS 1500 & PHYS 1510 General Physics I
- STAT 2020 Elements of Statistics

**Social Sciences (9 Credits)**

- ED 1750 Educational Psychology
- ED 2500 Multicultural Education
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### Elective or Wellness & Personal Health: (3 Credits)

- EXSC 2365 Health Emergencies

### Competencies:

**Applied Methodologies**

- ED 4100 Educational Assessments

**Ethical Reasoning**

- ED 2200 School Law and Ethics

**Information Literacy**

- ED 2200 School Law and Ethics

**Intercultural Fluency**

- ED 2500 Multicultural Education

**Keystone Experience**

- ED 4240 Student Teaching

**Quantitative Applications**

- ED 4100 Educational Assessments

**Writing Intensive**

- ED 4240 or ED 4250 Student Teaching

## Program Requirements

### Required Major Courses: (45 Credits)

- ED 1100 Introduction to Middle and 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 English Language Learners Foundations
- ED 4100 Educational Assessments
- ED 4240 Student Teaching
- ED 4250 Student Teaching
- SPED 1050 Foundations of Special Education
- SPED 2000 Assessment and PBS
- SPED 2100 Teaching Students with Disabilities

### Required Concentration Courses: (32 Credits)

- CHEM 1128 General Chemistry II
- CHEM 2010 Chemistry Career & Professional Development I
- CHEM 2200 Organic Chemistry I
- CHEM 2205 Organic Chemistry I Lab
- CHEM 2250 Organic Chemistry II
- CHEM 2255 Organic Chemistry II Lab
- CHEM 3010 Chemistry Career & Professional Development II
- CHEM 3300 Inorganic Chemistry I
- CHEM 3305 Inorganic Chemistry I Lab
  - ~Or~ CHEM 3315 Intermediate Chemistry I Lab
- CHEM 3400 Quantitative Chemistry Analysis
- CHEM 3405 Quantitative Chemistry Analysis Lab
  - ~Or~ CHEM 3415 Intermediate Chemistry II Lab
- CHEM 4600 Biochemistry I
- CHEM 4605 Biochemistry I Lab
- PHYS 1600 General Physics II
- PHYS 1610 General Physics II Lab

## Suggested Four Year Course Sequence

**Year 1**

Fall Semester

Spring Semester

**Year 3**

Fall Semester

Spring Semester

**Year 2**

Fall Semester

Spring Semester

**Year 4**

Fall Semester

Spring Semester

