

General Education

Foundations: (13 Credits)

Oral Communication (3 Credits)

- COMJ 1010 Public Speaking

Written Communication (3 Credits)

- ENGL 1200 College Composition

Quantitative Reasoning (4 Credits)

- MATH 2410 Analytical Geometry & Calculus I

Technological Literacy (3 Credits)

- ED 2333 Teaching with Technology

Discoveries: (Credits 29)

Art/Humanities (9 Credits)

- ENGL 2310 American Literature Survey I
- ENGL 2320 British Literature Survey I or ENGL 2330 World Literature Survey
- _____

Social Sciences (9 Credits)

- ED 2500 Multicultural Education and Intercultural Comp.
- ED 1750 Educational Psychology
- _____

Natural Sciences & Technology (11 Credits)

- CHEM 1108 General Chemistry I
- PHYS 1500 General Physics I
- BIOL or ATMS Course

Wellness & Personal Health: (3 Credits)

- MATH 1410 Precalculus or STAT 2020 Elements of Statistics

Competencies:

Quantitative Applications

- CHEM 1108 General Chemistry I

Applied Methodologies

- CHEM 1108 General Chemistry I

Intercultural Fluency

- ED 2500 Multicultural Educ. & Intercultural Comp.

Ethical Reasoning

- ED 2200 School Law and Ethics

Information Literacy

- CHEM 3010 Chemistry Career and Professional Development II

Writing Intensive

- CHEM 2205 Organic Chemistry I Lab, CHEM 4605

Keystone Experience

- ED 4240 Student Teaching

Program Requirements

Required Major Courses: (45 Credits)

- ED 1100 Introduction to Middle and Secondary ED
- 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 ELL Foundations
- ED 4100 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: (31 Credits)

- PHYS 1600 Physics II
- CHEM 1128 General Chemistry II
- CHEM 3400 Quantitative Chemical Analysis
- CHEM 3405 Quantitative Chemical Analysis Laboratory or CHEM 3415 Intermediate Chemistry Laboratory II
- CHEM 4600 Biochemistry I
- CHEM 4605 Biochemistry I Lab
- CHEM 3300 Inorganic Chemistry I
- CHEM 3305 Inorganic Chemistry I Lab OR CHEM 3315 Intermediate I Lab
- CHEM 2200 Organic Chemistry I
- CHEM 2205 Organic Chemistry I Lab
- CHEM 2250 Organic Chemistry II
- CHEM 2255 Organic Chemistry II Lab
- CHEM 2010 Chemistry Career and Professional Development I
- CHEM 3010 Chemistry Career and Professional Development II

Program Notes:

Please note that Secondary ED Chemistry is 121 Credits. The department is utilizing BOG Policy 1990-06A "Academic Degrees," degrees are permitted to exceed 120 credits (but not exceed 129)

Suggested Four Year Course Sequence

Year 1

Fall Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Year 2

Fall Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Year 3

Fall Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Year 4

Fall Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

Spring Semester

ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name
ABCD 1234 - Course Name

