

Degree: Bachelor of Science in Education College: Education, Arts, and Humanities Major: Secondary Education Major Code: SCED Concentration: General Science (SCGS)

Minor: N/A

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General Education

Foundations: (13 Credits)

Oral Communication (3 Credits)

COMJ 1010 Public Speaking

- Quantitative Reasoning (3 Credits)
- □ MATH 1410, 2320 or 2410

Technological Literacy (3 Credits)

□ ED 2333 Technology in Teaching and Learning

- Written Communication (3 Credits)
- ENGL 1200 College Composition

Discoveries: (Credits 29)

At least two (2) disciplines must be represented within each of the three (3) categories.

Art/Humanities (9 Credits)

ENGL 1300 Intro to Literature

- Cor~ ENGL 2310 American Literature Survey I

Natural Sciences & Technology (11 Credits)

CHEM 1108 General Chemistry I

- □ GEOL 1500 Dynamic Earth
- □ STAT 2020 Elements of Statistics

Social Sciences (9 Credits)

- □ ED 1750 Educational Psychology
- □ ED 2500 Multicultural Education

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 - Two (2) courses are required

□ ED 4240 or ED 4250 Student Teaching

Program Requirements

Required Major Courses: (45 Credits)

- Minimum Program Requirements:
- * 3.00 cumulative GPA
- * C grade for any course with education prefix ECEE, ED, SPED; plus COMJ 1010, ENGL 1200, ENGL 2310, ENGL 2320 or 2330, MATH 1110, MATH 2120, SPED 1050, SPED 2000, SPED 2100.
- □ 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: (30 Credits)

- BIOL 1400 Introduction to Ecology and Evolution
- BIOL 1700 Introduction to Organismal Biology
- □ BIOL 1900 Introduction to Cellular & Molecular Biology
- CHEM 1128 General Chemistry II
 ~Or~ PHYS 1600 General Physics II
 ~And~ PHYS 1610 General Physics II Lab
- □ ED 3615 Data Inquiry in STEM Education
- □ GEOL 2010 Principles of Earth History
- □ PHYS 1500 General Physics I
 □ ~And~ PHYS 1510 General Physics I Lab
- PHYS 1200 Solar System Astronomy
 ~Or~ PHYS 1220 Frontiers of Astronomy
 - Or~ PHYS 1250 Stellar Astronomy

Suggested Four Year Course Sequence

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Year 1	Year 2
<u>Fall Semester</u>	<u>Fall Semester</u>
<u>Spring Semester</u>	<u>Spring Semester</u>
Year 3	Year 4
Fall Semester	<u>Fall Semester</u>

Spring Semester

Spring Semester

