

General Education

Foundations: (12 Credits)

Oral Communication (3 Credits)

- COMJ 1010 Public Speaking

Written Communication (3 Credits)

- ENGL 1200 College Composition

Quantitative Reasoning (3 Credits)

- MATH 1410 Precalculus or MATH 2320 Essentials of Calculus or MATH 2410 Calculus 1

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)

- STAT 2020 Elements of Statistics
- CHEM 1128 General Chemistry II
- CHEM 1108 General Chemistry I

Wellness & Personal Health: (3 Credits)

- EXSC 2365 Health Emergencies

Competencies:

Quantitative Applications

- CHEM 1108 General Chemistry I

Applied Methodologies

- CHEM 1128 General Chemistry II

Intercultural Fluency

- ED 2500 Multicultural Education and Intercultural Comp.

Ethical Reasoning

- ED 2200 School Law and Ethics

Information Literacy

- ED 2200 School Law and Ethics

Writing Intensive

- ED 4240 Student Teaching and ED 4250 Student Teaching

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 in Middle/Secondary ED Classrooms
- 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: (34 Credits)

- ED 3615 Data Driven Inquiry in STEM Education
- BIOL 1400 Intro to Ecology & Evolution
- BIOL 1900 Intro to Cell and Molecular Biology
- BIOL 2202 Genetics
- BIOL 4775 Mammalogy OR BIOL 3337 Ornithology OR BIOL 4435 Ichthyology OR BIOL 4810 Herpetology OR BIOL 4745 Entomology OR BIOL 3820 Vertebrate Zoology OR BIOL 3707 Plant Taxonomy OR BIOL 4700 Mycology OR BIOL 2810/2811 Human Anatomy & Physiology I OR BIOL 3810/3811 Human Anatomy & Physiology II
- BIOL 4775 Mammalogy OR BIOL 3337 Ornithology OR BIOL 4435 Ichthyology OR BIOL 4810 Herpetology OR BIOL 4745 Entomology OR BIOL 3820 Vertebrate Zoology OR BIOL 3707 Plant Taxonomy OR BIOL 4700 Mycology OR BIOL xxxx Human Anatomy & Physiology I OR BIOL Human Anatomy & Physiology II
- BIOL 4775 Mammalogy OR BIOL 3337 Ornithology OR BIOL 4435 Ichthyology OR BIOL 4810 Herpetology OR BIOL 4745 Entomology OR BIOL 3820 Vertebrate Zoology OR BIOL 3707 Plant Taxonomy OR BIOL 4700 Mycology OR BIOL xxxx Human Anatomy & Physiology I OR BIOL Human Anatomy & Physiology II
- BIOL 3399 Conservation Biology OR BIO 4421 Global Change Ecology OR BIO 3335 Sustainable Agriculture OR BIOL 2010 Introduction to Bioethics OR BIOL 2411 Environmental Science and Sustainability OR FWSC 4435 Natural Resource Law and Policy
- BIOL 1700 Intro to Organismal Biology

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
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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

