The degree requirements below are outlined in the 2023 Undergraduate Catalog and will remain valid through summer 2029.

**INSTITUTIONAL REQUIREMENTS**
1-9 Hours
- US 1100: University Seminar (1-Hr Open Elective if Exempt)
- Foreign Language Proficiency (see catalog)

**PROGRAM-SPECIFIC CORE**
12 Hours
- Mathematics (020) – select one from:
  - MATH 1315: College Algebra
  - MATH 2417: Pre-Calculus Mathematics

- Life and Physical Sciences (030)
  - BIO 1330: Functional Biology
  - PHYS 1365: Physics for Educators

- Component Area (090)
  - COMM 1310: Fundamentals of Human Communication

**GENERAL EDUCATION CORE**
30 Hours

**MAJOR**
64-67 Hours
- BIO 1130: Functional Biology Laboratory
- BIO 1331: Organismal Biology / BIO 1131: Lab
- BIO 2450: Genetics
- BIO 4402: Earth Science I
- BIO 4403: Earth Science II
- CHEM 1341: General Chemistry I / CHEM 1141: Lab
- CHEM 1342: General Chemistry II / CHEM 1142: Lab

  Select one from:
  - CI 2310: Education for Change
  - CI 2311: Education and Equity in a Diverse Society
  - CI 3325: Adolescents and Society
  - CI 3340: Teaching for Linguistic Diversity
  - MATH 2311: Principles of Mathematics I
  - MATH 2312: Informal Geometry
  - MATH 2328: Elementary Statistics

  Select one from:
  - MATH 2321: Calculus for Life Science I
  - MATH 2471: Calculus I

  Select one from:
  - MATH 2331: Calculus for Life Science II
  - MATH 2472: Calculus II
  - MATH 3315: Modern Geometry

  Select one from:
  - MATH 4302: Principles of Mathematics II
  - MATH 4311: Introduction to the History of Math

- SPED 4344: Educating Students with Mild Disabilities

- CI 2355: STEM in Early Childhood and Elementary Education
- BIO 4408: Science Processes and Research

**OPEN ELECTIVE(S)**
1+ Hours
- 1-Hour course to reach 120 total required for degree

**CERTIFICATION**
12 Hours

**Middle Level Field-Based Block**
- RDG 4310: Content Reading
- CI 3300: Middle School Curriculum and Instruction
- EDST 4680: Clinical Teaching 4-8

This degree program also requires a 2.0 Texas State GPA, 2.75 Overall GPA, 2.25 Major GPA, and 2.0 Minor GPA (if declared) to graduate.
The sequencing below reflects course prerequisites that are subject to change each academic year. For use in planning Fall 2023, Spring 2024, and Summer 2024 semesters.

**PRIORITY DUE TO SEQUENCING**
Prioritize these courses in your schedule each semester

**CALCULUS OPTION**
- MATH 2417*
- MATH 2471*
- MATH 3315*
- MATH 2472*
- MATH 4311* fall | summer II

**CALCULUS FOR LIFE SCIENCE OPTION**
- MATH 2311*
- MATH 2328*
- MATH 2311*
- MATH 4302*
- MATH 4311* fall | summer II

**ADDITIONAL REQUIRED COURSES**
Use these courses to fill remaining space in your schedule each semester

**Core Curriculum**
- 050
- 060 or 070
- 060 or 070
- 080
- 090B

**Major**
- BIO 4402* fall
- BIO 4403* spring
- CI 3340* fall | spring
- SPED 4344**

- BIO 4408* fall | spring
- BIO 4408* fall | spring

- PHYS 1365* fall | spring
- CI 2310* fall/spring or CI 2311*
- 010*
- 010*
- 040*
- 1 from 060 or 070*
- 1 from 060 or 070*
- 090 COMM 1310^
- Junior Classification

**Field-Based Block**
- RDG 4310*
- CI 3300*
- CI 3325** fall | spring

**Clinical Teaching**
- EDST 4680

**GPA restricted (2.75 Overall) | * requires grade of ‘C’ or better | ^ requires grade of ‘B’ or better | * classification restriction**

This degree program also requires a 2.0 Texas State GPA, 2.75 Overall GPA, 2.25 Major GPA, and 2.0 Minor GPA (if declared) to graduate.