### Four-Year Pathway 2020-2021

**College of Education & Behavioral Sciences**  
**Bachelor of Science, Life Science (7-12)**  
**With Teacher Certification & ESL**

#### First Year

**Fall**  
- FYS 1300 Freshman Year Seminar  
- ENGL 1313 Composition & Literature I  
- EDUC 2320 Learning and Development  
- MATH 1313 College Algebra  
- PSYC 1313 General Psychology

**Total Semester Credit Hours (Year 1): 15**

#### Second Year

**Fall**  
- BIOL 2455/2055 General Biology II with Lab  
- CHEM 2415/2015 General Chemistry I with Lab  
- ENGL 2315 or 2325 Great Works of Literature I or II  
- COMM 1323 Rhetoric and Public Speaking  
- HIST 2311 Western Civilization I

**Total Semester Credit Hours (Year 2): 17**

#### Third Year

**Fall**  
- BIOL 3301 Cellular and Molecular Biology  
- EDRE 4330 Teaching Content Area Reading Skills  
- GOVT 2313 American & Texas Government  
- ETEC 4306 Educational Applications of Technology  
- EDBI 4304 Methods of Teaching English as a Second Language

**Total Semester Credit Hours (Year 3): 18**

#### Fourth Year

**Fall**  
- BIOL 3434/3034 Ecology and Field Biology with Lab  
- EDUC 4301 Curriculum & Instruction for Elementary School  
- CHEM 2415/2015 General Chemistry I with Lab  
- BIOL 3434/3034 General Biology II with Lab  
- BIOL 3414/3014 Microbiology with Lab

**Total Semester Credit Hours (Year 4): 14**

**Advising Notes for Students:**

This document is designed for course planning purposes only. Please refer to the official degree plan and consult with your academic advisor for full graduation requirements.

* FYS 1300 (freshmen only) – University requirement for all students entering with less than 32 completed semester hours credit. These 3 hours do not count in the total degree hours.

100% online students will take a three-hour course, ONLN 1300 Introduction to Online Learning, in place of FYS 1300.