

**BS: HIGH SCHOOL TEACHER CERTIFICATION – LIFE SCIENCE (GRADES 8-12)
DEGREE PLAN (BIOT)**

UNIVERSITY CORE

Bible	
BIBL 101 Life and Teachings of Jesus	3
BIBL 102 Acts-Revelation	3
BIBL 211 Message of the Old Testament	3
BIBL 212 Christianity in Culture	3
Advanced Bible	3
English	
ENGL 111 Composition and Rhetoric	3
Literature – choose one: ENGL 221, 231, 262	3
Speech	
COMS 111 Fundamentals of Communication	3
History	
HIST 221 American History I	3
Science	
CHEM 133 General Chemistry I	3
CHEM 134 General Chemistry II	3
Mathematics	
≥MATH 120	3
EXSC 100 + 3 activities	4
UNIV 100 University Seminar	1
TOTAL UNIVERSITY CORE	41

BS DEGREE CORE

English	
ENGL 112 Composition and Literature	3
Social Sciences/Humanities	
HIST 222 American History II	3
POLS 226 States and Federal System	3
SOCI 442 Cultural Diversity	3
Fine Arts	
Choose one: ART 101, MUSM 230, THEA 220 or THEA 250	3
TOTAL BS CORE	15

MAJOR REQUIREMENTS

Biology	
BIOL 112/114 General Biology I Lecture/Lab	4
BIOL 113/115 General Biology II Lecture/Lab	4
BIOL 221/223 Animal Biology Lecture/Lab or BIOL 222/224 Plant Biology Lecture/Lab	4
BIOL 312/313 Cell Biology*	3-4
BIOL 353/357 General Microbiology Lecture/Lab	4
BIOL 362/364 Ecology Lecture/Lab	4
BIOL 492/495 Animal Physiology Lecture/Lab*	3-4
BIOL 497 Seminar in Biology	1
Additional Advanced Biology	3
<i>*Students required to take only one of these labs.</i>	

SUPPLEMENT FOR MAJOR

Other	
CHEM 131 General Chemistry I Lab	1
CHEM 132 General Chemistry II Lab	1
Literature – choose one: ENGL 222, 232, 263*	3
READ 322 Reading in Secondary Content Areas	3
SPED 471 Teaching Students with Special Needs	3
TECH 210 Technology in Education	3
<i>*Students must continue the sequence chosen in the University Core.</i>	
Professional Education	
EDUC 211 Educational Foundations and Multi-cultural Perspective	3
EDUC 221 Educational Psychology	3
EDUC 412 Secondary Curriculum and Media	3
EDUC 432 Secondary Management and Methods	3
EDUC 499 Student Teaching Secondary	6
TOTAL	63

ELECTIVES

Minimum	9
---------------	---

CRITERIA FOR ADMISSION TO TEACHER EDUCATION

Before taking more than 6 hours of any combination of EDUC, EACH, SPED or READ classes, a student must first be admitted to the Teacher Education Program.

To be admitted to the Teacher Education Program, a students must:

1. Complete and submit an application for admission into the Teacher Education Program;
2. Complete at least 60 semester hours of credit;
3. Have a minimum Grade Point Average (GPA) of 2.7;
4. Complete 9 hours of English if elementary or middle school major; complete 12 hours of English if secondary or all-level major; no grade lower than a "C" accepted;
5. Pass all three sections of the Texas Higher Education assessment (THEA) test, with a score on the reading section of 260 or higher and a score on the math section of 240 or higher;
6. Have three written recommendations from faculty members who are familiar with the student's work and can discuss the student's potential as a teacher;
7. Complete an interview with the Teacher Education Admissions and Review Committee;
8. Receive approval from the Teacher Education Admissions and Review Committee.

Any exemptions or modifications to the above requirements due to special circumstances must be requested through the chair of the Department of Education. All requests will be reviewed and must be approved by the Teacher Education Admissions and Review Committee. In addition, admission to teacher education is not the final step in the process. In order to remain in the program, the prospective teacher must continue to meet the GPA requirement (2.7). Approval to take Education Block classes (411/412 and 431/432) and to enroll in student teaching must be obtained from the Teacher Education Admissions and Review Committee before enrolling in those classes.

OTHER GRADUATION REQUIREMENTS

Minimum grade for EDUC 412 and 432	B
Minimum grade for all other majors courses	C
Minimum GPA for graduation	2.70
Minimum advanced hours	33
Minimum total hours	128

*Courses numbered 0** do not count in minimum hours required for degree.*