

BACHELOR OF SCIENCE IN BIOLOGY WITH TEACHER CERTIFICATION

2019-2020 Degree Plan

CORE CURRICULUM (See note below)	42 SC	
	Grd	SC
(010) COMMUNICATION		
ENGL 1301 Composition		3
ENGL 1302 Composition OR ENGL 2311 Technical Writing		3
(020) MATHEMATICS		
MATH 2312 Pre-Calculus I		3
(030) LIFE and PHYSICAL SCIENCES		
BIOL 1306 General Biology I		3
BIOL 1307 General Biology II		3
(040) LANGUAGE, PHILOSOPHY AND CULTURE		
Lang/P hil/Culture		3
(050) CREATIVE ARTS		
Creative Arts		3
(060) AMERICAN HISTORY		
American History		3
American History		3
(070) GOVERNMENT/POLITICAL SCIENCE		
Government/Political Science		3
Government/Political Science		3
(080) SOCIAL & BEHAVIORAL SCIENCES		
Social & Behavioral Sciences		3
(090) COMPONENT AREA OPTION		
CHEM 1311 Chemistry I		3
CHEM 1312 Chemistry II		3
REQUIRED SUPPORT COURSES		
	22 SC	
	Grd	SC
UNIV 1101 Jaguar Tracks 1		1
UNIV 2101 Jaguar Tracks 2		1
STEM 3101 Jaguar Tracks 3 or EDCI 3101		1
STEM 4101 Jaguar Tracks 4 or EDCI 4101		1
CHEM 1111 General Chemistry I lab		1
CHEM 1112 General Chemistry II lab		1
CHEM 2323/2123 Organic Chemistry I w/lab		3/1
CHEM 2325/2125 Organic Chemistry II w/lab		3/1
PHYS 1301/1101 General Physics I w/lab		3/1
PHYS 1302/1102 General Physics II w/lab		3/1

Completion of this Degree Requires Admission to the Educator Preparation Program (EPP)

Completion of 45 hours, ENG 1301, ENG 2311, at least MATH 1314, an additional math course, HIST 1301, HIST 1302, SPCH 1315, and 2 Life & Physical Sciences all with a C or better. Cumulative GPA of 2.75, qualifying scores on Reading, Writing, and Mathematics.

120 credit hours required for degree

36 advanced credit hours required for degree
25% of courses must be taken at A&M-SA for degree

AJOR (REQUIRED) COURSES 2.75 overall GPA	32-35 SC	
	Grd	SC
'C' or higher required in BIOL courses		
BIOL 1106 General Biology I lab		1
BIOL 1107 General Biology II lab		1
BIOL 2415 Statistics in Biology & Medicine		4
BIOL 2411 Genetics		4
BIOL 3402 Evolution		4
BIOL 3407 Ecology		4
BIOL 3408 or 3409, (Animal Phys or Cellular Phys)		4
BIOL 4101, 4102, 4103, or 4104 Seminar (Interdisciplinary, Cell & Molec, Zoology, or Ecology topics respectively.)		1
BIOL advanced electives		9-12
TEACHER CERTIFICATION REQUIRED COURSES		
2.75 overall GPA		
'C' or higher required in EDXX courses		
	Grd	SC
EDCI 3303 Knowl of Pedagogy and Assmt		3
EDSE 3345 Survey of Exceptional Individuals		3
EDCI 4311 Tch & Pedag for Mid & Sec Tch		3
EDCI 3358 Classroom Mgmt		3
EDCI 4309 Legal and Ethical Issues		3
EDRG 4325 Disciplinary & Content Area Pedagogy		3
EDFR 3110 Field Residency I		1
EDFR 3120 Field Residency II		1
EDFR 4623 Secondary Clinical Teaching**Unpaid semester at A&M-SA**		6
ELECTIVES		
As needed to complete 120 credit hours	Grd	SC

An earned letter grade of C in the following courses is required for this degree: BIOL 1306, BIO 1106, BIO 1307, BIO 1107