



COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Biology

Four-Year Academic Map 2021-2022

YEAR 1	Semester 1 Fall				Semester 2 Spring				Total
	ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3			
	CHEM 1311	Fundamentals of Chemistry I	3	CHEM 1312	Fundamentals of Chemistry II	3			
	CHEM 1111	Fundamentals of Chemistry I Lab	1	CHEM 1112	Fundamentals of Chemistry II Lab	1			
	MATH 2413	Calculus I	4	MATH 2414	Calculus II	4			
	BIOL 1306	Introduction to Biological Science I	3	BIOL 1307	Introduction to Biological Science II	3			
	BIOL 1106	Intro to Biological Science I Lab	1	BIOL 1107	Intro to Biological Science II Lab	1			
	Semester Hours			15	Semester Hours			15	30

YEAR 2	Semester 1				Semester 2				Total
	CHEM 2323	Fundamentals of Organic Chemistry I	3	Elective	NSM Capstone or Electives	6			
	CHEM 2123	Fundamentals of Organic Chem I Lab	2	BCHS 3304	General Biochemistry I	3			
	BIOL 3301	Genetics	3	BIOL 3306	Evolutionary Biology	3			
	Elective	Approved Advanced Biology Elective	3	HIST 1377	The United States to 1877	3			
	MATH 2415	Calculus III OR	} 3-4						
	MATH 3338	Probability OR							
	MATH 3339	Statistics for the Sciences							
Semester Hours			14-15	Semester Hours			15	29-30	

YEAR 3	Semester 1				Semester 2				Total
	HIST 1378	The United States Since 1877	3	Elective	Approved Advanced Biology Elective	3			
	BIOL 4206	Ecology and Evolution Laboratory OR	} 2	PHYS 1302	Introductory General Physics II	3			
	BIOL 4272	Cellular & Developmental Bio Lab OR		PHYS 1102	General Physics Laboratory II	1			
	BCHS 3201	Biochemistry Laboratory I							
	BIOL 4374	Cell Biology	3	GOVT 2305	US Govt: Congress, President & Courts	3			
	GOVT 2306	US & Texas Constitutions & Politics	3	CORE	Social & Behavioral Sciences	3			
	PHYS 1301	Introductory General Physics I	3	Elective	NSM Capstone or Elective	3			
	PHYS 1101	General Physics Laboratory I	1						
Semester Hours			15	Semester Hours			16	31	

YEAR 4	Semester 1				Semester 2				Total
	BIOL 3311	Genetics Laboratory	3	BIOL 4103	Integration of Biological Knowledge	1			
	Elective	Approved Advanced Biology Electives	3	Elective	Approved Advanced Biology Elective	3			
	Elective	NSM Capstone or Electives	6-7	Elective	NSM Capstone or Electives	7			
	CORE	Language, Philosophy & Culture	3	CORE	Creative Arts	3			
	Semester Hours			15-16	Semester Hours			14	29-30
								120	

Students should meet with their academic advisor to formulate their own plan.

Updated July 24, 2017