

		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL		3	ENGL 1301	Rhetoric and Composition I	C	010	Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301.		
			4	BIOL 1406	General Biology I	C			Alternatively BIOL 1487 Honors. Satisfies Major-Specific Requirement.	
			3	CHEM 1311	General Chemistry I	C	030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."		
			1	CHEM 1111	General Chemistry I Lab	C	090	Credit/registration in CHEM 1301.		
		3	X3XX-X3XX	Social and Behavioral Sciences		080				
		3	MATH 1342	Elementary Statistical Methods	C	020	College Ready TSI status in Mathematics.	Alternatively, MATH 1387 Honors OR MATH 1343 Intro. Biostatistics OR MATH 1388 Honors		
			UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.		
			<b>17 Semester Total Hours</b>							
SPRING		3	ENGL 1302	Rhetoric And Composition II	C	010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.			
		4	BIOL 1407	General Biology II	C		BIOL 1406 or BIOL 1487.	Alternatively BIOL 1488 Honors. Satisfies Major-Specific Requirement.		
		3	CHEM 1312	General Chemistry II	C	030	CHEM 1311.			
		1	CHEM 1112	General Chemistry II Lab	C	090	Credit/registration in CHEM 1312.			
		3	X3XX-X3XX	Integrative and Experiential Learning		090				
			<b>14 Semester Total Hours</b>							
SECOND YEAR			I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
	FALL		3	CHEM 2323	Organic Chemistry I					
			1	CHEM 2123	Organic Chemistry I Lab				Credit/registration in CHEM 2323.	
			3	BIOL 3301	Biological Evolution				BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission of instructor.	Satisfies Major-Specific Requirement.
			3	X3XX-X3XX	Language, Philosophy & Culture			040		
			3	HIST 1301	U.S. History I			060		
			3	X3XX-X3XX	Minor					
			<b>16 Semester Total Hours</b>							
	SPRING		4	BIOL 3413	Genetics				BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112.	Satisfies Major-Specific Requirement.
			3	33XX-43XX	Major Advanced Elective					Biology Group B Organismal/Environmental
			3	HIST 1302	U.S. History II			060		
			3	X3XX-X3XX	Minor					
				<b>13 Semester Total Hours</b>						

**Symbols Key**

**Critical (!):** sequence sensitive course.

**Minimum Grade:** A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.

**General Education Core (GEC) Sections:** 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Computer Application; 090 - Interdisciplinary ;090 - Science Labs; 090 - Wellness.

**Language Proficiency Requirement:** Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.

		I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	4		BIOL 3409	Ecology			9 hours of Biology, including BIOL 1407 (or BIOL 1488).	Satisfies Major-Specific Requirement.	
		4		34XX-44XX	Major Advanced Elective					
		3		POLS 2301	U.S. & Texas Government & Politics I		070			
		3		X3XX-X3XX	Minor					
		3		X3XX-X3XX	Free Elective					
	<b>17 Semester Total Hours</b>									
	SPRING	3		POLS 2302	U.S. & Texas Government & Politics II		070			
		3		33XX-43XX	Major Advanced Elective				Biology Group A Cellular/Molecular	
		3		X3XX-X3XX	Minor					
		4		X4XX-X4XX	Free Elective		090		Recommended BIOL 2401; One hour lab meets Integrative & Experiential Learning	
3			X3XX-X3XX	Free Elective						
<b>16 Semester Total Hours</b>										
FOURTH YEAR	FALL	I	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
		4		BIOL 4400	Biological Communication (Capstone)			Biology Major of junior standing.	Satisfies Major-Specific Requirement.	
		3		33XX-43XX	Major Advanced Elective				Biology Group C Ecological/Environmental	
		3		33XX-43XX	Minor (Advanced)					
		3		X3XX-X3XX	Creative Arts		050			
	<b>13 Semester Total Hours</b>									
	SPRING	4		34XX-44XX	Major Advanced Elective				BIOL 3000/4000	
		3		33XX-43XX	Minor (Advanced)					
		4		34XX-44XX	Major Advanced Elective				BIOL 3000/4000	
		3		X3XX-X3XX	Free Elective					
<b>14 Semester Total Hours</b>										

Graduation Requirements Minimum 44 credit hours in Biology and 2.50 Biology GPA; At least 36 upper division hours in Biology.

120 TOTAL HOURS  
(42) TOTAL ADVANCED HOURS

Approved: Thursday, October 15, 2015 Dr. Frederic Zaidan III  
Revised: Tuesday, October 13, 2015