



College of Natural Sciences & Mathematics

Bachelor of Arts - Biology

Four-Year Academic Map – 2014-2015

Year 1	Semester 1				Semester 2				Total
	ENGL 1303	First Year Writing I	3		ENGL 1304	First Year Writing II	3		
	CHEM 1331	Fundamentals of Chemistry I	3		CHEM 1332	Fundamentals of Chemistry II	3		
	CHEM 1111	Fundamentals of Chemistry I Lab	1		CHEM 1112	Fundamentals of Chemistry II Lab	1		
	MATH 1431	Calculus I	4		MATH 1432	Calculus II	4		
	BIOL 1361	Introduction to Biological Science	3		BIOL 1362	Introduction to Biological Science	3		
	BIOL 1161	Intro to Biological Science Lab	1		BIOL 1162	Intro to Biological Science Lab	1		
	Semester Hours			15	Semester Hours			15	30

Year 2	Semester 1				Semester 2				
	CHEM 3331	Fundamentals of Organic Chemistry I	3		Elective	NSM Capstone or Electives	6		
	CHEM 3221	Fundamentals of Organic Chem. I Lab	2		BCHS 3304	General Biochemistry I	3		
	BIOL 3301	Genetics	3		BIOL 3306	Evolutionary Biology	3		
	BIOL 3311	Genetics Laboratory	3		HIST 1377	The United States to 1877	3		
	MATH 2433	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				
	HIST 1378	The United States Since 1877	3		Elective	NSM Capstone or Elective	3		
	BIOL 4206	Ecology and Evolution Laboratory or	} 2		POLS 1337	US Gov: Congress, President, & Courts	3		
	BIOL 4272	Cellular & Developmental Bio Lab or			PHYS 1302	Introductory General Physics II	3		
	BCHS 3201	Biochemistry Laboratory I			PHYS 1102	General Physics Laboratory II	1		
	BIOL 4374	Cell Biology	3		Elective	Approved Biology Elective	3		
	POLS 1336	US & Texas Constitutions & Politics	3		CORE	Social & Behavioral Sciences	3		
	PHYS 1301	Introductory General Physics I	3						
	PHYS 1101	General Physics Laboratory I	1						
Semester Hours			15	Semester Hours			16	31	

Year 4	Semester 1				Semester 2				
	Elective	Approved Biology Electives	6		BIOL 4103	Integration of Biological Knowledge	1		
	CORE	Language, Philosophy & Culture	3		Elective	Approved Biology Elective	3		
	Elective	NSM Capstone or Elective	3-4		Elective	NSM Capstone or Elective	4		
		Foreign Language (2000-level)	3		CORE	Creative Arts	3		
						Foreign Language (2000-level)	3		
Semester Hours			15-16	Semester Hours			14	29-30	
								120	

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

