

# Texas A&M University-Kingsville®

## College of Arts and Sciences

### Bachelor of Science, General Biomedical Sciences Option

#### Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall		Semester 2 Spring	
	BIOL 1306 & BIOL 1106 - General Biology I and General Bio Lab I		BIOL 1307 & BIOL 1107 - General Bio II and General Biology Lab II	
	CHEM 1311 & CHEM 1111 - Gen Inorg Chem I & Inorg Chem Lab I		CHEM 1312 & CHEM 1112 - Gen Inorg Chem II & Gen Inorganic Chem Lab II	
	ENGL 1301 - Rhetoric and Composition		ENGL 1302 - Rhetoric and Composition	
	MATH 2413 - Calculus I		Creative arts	
	UNIV 1201 - Learning in Global Context			
	Semester Hours	17	Semester Hours	14
YEAR 2	Semester 1 Fall		Semester 2 Spring	
	BIOL 2421 - Elementary Microbiology		HIST 1302 - American History since 1877	
	HIST 1301 - American History to 1877		PHYS 1302 & PHYS 1102 - College Physics II and College Physics II Lab	
	PHYS 1301 & PHYS 1101 - College Physics I & Coll Physics I Lab		POLS 2302 - Government and Politics of TX	
	POLS 2301 - Government and Politics of US		Lang/Phil/Culture	
	Communications		Social/Behavioral	
	Semester Hours	17	Semester Hours	16
YEAR 3	Semester 1 Fall		Semester 2 Spring	
	BIOL 3402 - Genetics		BIOL 4401 - Molecular Biology	
	BIOL 3408 - Animal Physiology		CHEM 3325 & CHEM 3125 - Organic Chem II and Organic Chemistry Lab II	
	CHEM 3323 & CHEM 3123 - Organic Chem I & Organic Chem Lab I		STAT 4301 - Biostatistics	
	Minor or elective		Minor or elective	
	Semester Hours	15	Semester Hours	14
YEAR 4	Semester 1 Fall		Semester 2 Spring	
	BIOL 4102 - Seminar (WI)		BIOL 4304 - Research Projects in Biol	
	BIOL 4426 - Cellular Physiology		BIOL 4335 - Molecular Genetics	
	CHEM 4341 or CHEM 4345 - Biochem I or Principles of Biochem		CHEM 4342 - Biochemistry II	
	BIOL, advanced		Elective, advanced	
	Elective, advanced			
Semester Hours	15	Semester Hours	12	Total 27

\*State of Texas Core Curriculum

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