

# Texas A&M University-Kingsville<sup>®</sup>

## College of Arts and Sciences

### Bachelor of Science, Geology- Geophysics Minor in Math

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

<b>YEAR 1</b>	<b>Semester 1 Fall</b>	<b>Semester 2 Spring</b>	
	ENGL 1301 - Rhetoric and Composition	HIST 1302 - American History since 1877	
	GEOL 1303 & GEOL 1103 - Physical Geology & Geology Lab	ENGL 1302 - Rhetoric and Composition	
	HIST 1301 - American History to 1877	MATH 2413 - Calculus I	
	UNIV 1201 - Learning in Global Context	GEOL 1304 & GEOL 1104 - Historical Geology and Historical Geology Lab	
	Creative arts		
Semester Hours	15	Semester Hours	14   Total 29
<b>YEAR 2</b>	<b>Semester 1 Fall</b>	<b>Semester 2 Spring</b>	
	CHEM 1311 & CHEM 1111 - Gen Inorg Chem I & Gen Chem Lab I	CHEM 1312 & CHEM 1112 - Gen Inorg Chem II & Gen Inorganic Chem Lab II	
	MATH 2414 - Calculus II	GEOG 2472 - Intro to Geographic Info Sys	
	POLS 2301 - Government and Politics of US	MATH 3320 - Differential Equations	
	PHYS 2325 & PHYS 2125 - Univ Physics I & Univ Physics I Lab	PHYS 2326 & PHYS 2126 - Univ Physics II and University Physics II Lab	
Semester Hours	15	Semester Hours	15   Total 30
<b>YEAR 3</b>	<b>Semester 1 Fall</b>	<b>Semester 2 Spring</b>	
	GEOL 3370 & GEOL 3170 - Intro to Geophysics & Intro to Geo Lab	GEOL 3411 - Petrology	
	GEOL 3409 - Mineralogy	GEOL 3446 - Comp Methods in Geosciences	
	GEOL 3431 - Stratigraphy and Sedimentology	GEOL 3481 - Structural Geology	
	MATH Elective	GEOL 4311 - Field Course I (WI)	
Semester Hours	16	Semester Hours	15   Total 31
<b>YEAR 4</b>	<b>Semester 1 Fall</b>	<b>Semester 2 Spring</b>	
	GEOL 4312 - Field Course II (WI)	GEOL 4307 & GEOL 4107 - Applied Geology and Applied Geology Lab	
	GEOL 4375 & GEOL 4175 - Seismology and Seismology Lab	GEOL 4441 - Non-Seismic Geophys. Explor.	
	MATH, advanced	POLS 2302 - Government and Politics of TX	
	Communications	Social/Behavioral	
	Lang/Phil/Culture		
Semester Hours	16	Semester Hours	14   Total 30

\*State of Texas Core Curriculum

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