



A.S. in Biology

to

B.S. in Biology (Biological Science)

This four-year plan provides a model for on-time completion of the B.S. in Biology (biological Science) at UTRGV by starting at South Texas College.

Year	First Semester		Second Semester	
F R E S H M A N	STC Requirement	UTRGV Equivalent	STC Requirement	UTRGV Equivalent
	ENGL 1301 (Communication Core)	ENGL 1301 (Communication Core)	ENGL 1302 (Communication Core)	ENGL 1302 (Communication Core)
	Creative Arts (Core)	Creative Arts (Core)	CHEM 1411 (Life & Physical Science Core)	CHEM 1311 & CHEM 1111 (Life & Physical Science Core, Required at UTRGV)
	Mathematics Core: MATH 1414 or MATH 2412 or MATH 2413	MATH 1414 or MATH 2412 or MATH 2413 (Mathematics Core, Required at UTRGV)	BIOL 1407 (Major)	BIOL 1407 (Major)
	BIOL 1406 (Major)	BIOL 1406 (Major)	HIST 1301 or HIST 2327 (American History Core)	HIST 1301 or HIST 2327 (American History Core)
Third Semester				
	STC Requirement		UTRGV Equivalent	
	HIST 1302 or HIST 2328 (American History Core)		HIST 1302 or HIST 2328 (American History Core)	
Year	Fourth Semester		Fifth Semester	
S O P H O M O R E	STC Requirement	UTRGV Equivalent	STC Requirement	UTRGV Equivalent
	GOVT 2305 (Political Science Core)	POLS 2305 (Political Science Core)	GOVT 2306 (Political Science Core)	POLS 2306 (Political Science Core)
	CHEM 1412 (Life & Physical Science Core)	CHEM 1312 and CHEM 1112 (Life & Physical Science Core, Required at UTRGV)	CHEM 2423 (Major)	CHEM 2323 and CHEM 2123 (Major)
	BIOL 2401 (Major)	BIOL 2401 (Major)	BIOL 2421 (Major)	BIOL 2000 (Free Elective)
	PSYC 2301 or SOCI 1301 (Social & Behavioral Science Core)	PSYC 2301 or SOCI 1301 (Social & Behavioral Science Core, Required at UTRGV)	Component Area Option (Core)	Integrative and Experiential Learning (Core)
Sixth Semester				
	STC Requirement		UTRGV Equivalent	
	Language, Philosophy & Culture Recommended: PHIL 1301		PHIL 1301 (Language, Philosophy & Culture Core, Required at UTRGV)	

Year	Fall Semester	Spring Semester
J U N I O R	MATH 1342 or MATH 1343 Elementary Statistics or Introduction to Biostatistics	PHYS 1401 General Physics I
	13XX - 44XX Biological Science Concentration	CHEM 2325 Organic Chemistry II
	PSYC 2301 or SOCI 1301	CHEM 2125 Organic Chemistry II Lab
	BIOL 3301 Biological Evolution	BIOL 3409 Ecology
	BIOL 3413 Genetics	CHEM 3303 OR CHEM 3387 Biochemistry I or Biochemistry I Honors
Year	Fall Semester	Spring Semester
S E N I O R	PHYS 1402 General Physics II	33XX-33XX Free Advanced Elective
	33XX-33XX Free Advanced Elective	34XX-44XX Biological Science Concentration
	33XX-33XX Free Advanced Elective	BIOL 4400 Biological Communication (Capstone)
	34XX-44XX Biological Science Concentration	33XX-43XX Free Advanced Elective
	34XX-44XX Free Advanced Elective	

This degree requires 120 hours and a minimum of 42 advanced (3000 and 4000) credit hours.

*Free electives hours will vary to achieve the institutional minimum of 120 hours for a degree.