

**The University of Texas Rio Grande Valley/South Texas College
Suggested Four-Year Road Map for Transfer Students, Academic Year 2020-2021**

Associate of Science with a field of study in Biology and Bachelor of Science in Biomedical Sciences

First Year - Fall Semester - STC		Hours	First Year - Spring Semester - STC		Hours
ENGL 1301 Composition I	3		ENGL 1302 Composition II (core)	3	
HIST 1301 United States History I	3		HIST 1302 United States History II	3	
BIOL 1406 Biology for Science Majors I	4		BIOL 2401 Anatomy and Physiology I	4	
MATH 2413 Calculus I	4		Core curriculum creative arts course	3	
			CHEM 1411 General Chemistry I	4	
Total Fall Semester Hours	14		Total Spring Semester Hours	17	
Summer I			Summer II		
Total Summer I Hours	0		Total Summer II Hours	0	
Second Year - Fall Semester - STC		Hours	Second Year - Spring Semester - STC		Hours
GOVT 2305 Federal Government (core)	3		GOVT 2306 Texas Government (core)	3	
BIOL 2402 Anatomy and Physiology II**	4		BIOL 2421 Microbiology FS	4	
CHEM 1412 General Chemistry II	4		CHEM 2423 Organic Chemistry I	4	
Core curr. comp. area option	3		Core curriculum language, philosophy, and culture	3	
Core curr. soc. & behav. science (PSYC 2301)*	3				
Total Fall Semester Hours	17		Total Spring Semester Hours	14	
Summer I			Summer II		
Total Summer I Hours	0		Total Summer II Hours	0	
Third Year - Fall Semester - UTRGV		Hours	Third Year - Spring Semester - UTRGV		Hours
MATH 1342 Elementary Statistical Methods	3		CHEM 2325 Organic Chemistry II	3	
BMED 3104 Integrated Body Systems I: Cardiovascular	1		CHEM 2125 Organic Chemistry II Lab	1	
BMED 3108 Integrated Body Systems V: Dermatology, I	1		BMED 2101 Gross Anatomy	1	
BMED 3102 Neurochemistry	1		BMED 3105 Integrated Body Systems II: Gastrointestina	1	
BMED 4280 Advanced Medical Neuroscience	2		BMED 3106 Integrated Body Systems III: Renal, Fluid an	1	
BMED 3103 Human Behavior	1		BMED 3107 Integrated Body Systems IV: Endocrine and	1	
BMED 3121 Independent Research I	1		BMED 4310 Medical Biochemistry	3	
Advanced Elective	3		BMED 4250 Advanced Cell Biology	2	
			BMED 4260 Advanced Molecular Biology	2	
			BMED 3122 Independent Research II	1	
Total Fall Semester Hours	13		Total Spring Semester Hours	16	
Summer I			Summer II		
Total Summer I Hours	0		Total Summer II Hours	0	
Fourth Year Fall Semester - UTRGV		Hours	Fourth Year Spring Semester - UTRGV		Hours
PHYS 1401 College Physics I	4		PHYS 1402 College Physics II	4	
BMED 4440 Medical Microbiology	4		STAT 3301 Applied Statistics for Science, Engineering a	3	
BMED 4290 Medical Immunology	2		BMED 4295 Pathophysiology	2	
BMED 4230 Human Genetics and Medical Genomics	2		BMED 3101 Pathobiology and Host Defense	1	
BMED 4220 Medical Bioinformatics, Genomics, and	2		BMED 3109 Medical Syndrome	1	
BMED 3123 Independent Research III	1		BMED 4270 Introduction to Complementary and Alt	2	
			BMED 3124 Independent Research IV	1	
Total Fall Semester Hours	15		Total Spring Semester Hours	14	
Total Degree Hours				120	

*Meets UTRGV Social & Behavioral Sciences core and BMED Major, **or 3 credits from restricted electives (Spanish Elective) and 1 credit from 090 Integrated experiential learning in UTRGV