



THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY  
AND  
TEXAS SOUTHMOST COLLEGE

**Articulation Agreement**  
**Associate of Science in Science (Texas Southmost College)**  
**Bachelor of Science in Biomedical Sciences (UTRGV)**

This AGREEMENT, effective on the 27<sup>th</sup> of August 2020, is between The University of Texas Rio Grande Valley (“UTRGV”), a component institution of The University of Texas System, and Texas Southmost College (“TSC”), a College having its principal office in Brownsville, Texas.

WHEREAS UTRGV and TSC desire to implement an Articulation to provide students enrolled at TSC with an opportunity to smoothly transition to and further their educational opportunity at UTRGV.

WHEREAS, students declaring Science as their major at TSC and completing the courses outlined below is an indicator to UTRGV that the student has completed the appropriate courses, received the necessary instructions and preparation, and that similar knowledge, skills, and student learning outcomes can be expected, enabling the student’s progression to the upper division course sequence or requirement at UTRGV,

NOW, THEREFORE, in consideration of the mutual promises herein, the parties agree to the following:

1.0 Term

This agreement shall be effective for two years from the date of its execution, upon revisions mandated by state requirements, or until a new agreement is created. The agreement may be renewed upon the mutual written approval of The University of Texas Rio Grande Valley and Texas Southmost College.

2.0 Courses of Study

UTRGV’s College of Health Professions will accept the complete set of lower division courses from a student who successfully completes the courses required for the A.S. in Science degree at TSC and is admitted to UTRGV.

- A total of 51 out of 60 semester credit hours from the A.S. in Science degree at TSC will transfer into the UTRGV Bachelor of Science degree in Biomedical Sciences.
- All TSC courses transferred to UTRGV shall be part of the *Lower Division Academic Course Guide Manual* issued by the Texas Higher Education Coordinating Board.
- For the UTRGV Bachelor of Science degree in Biomedical Sciences, the following Core Curriculum Courses will satisfy degree requirements as follows:

<u>TSC</u>	<u>UTRGV</u>
BIOL 1306 and 1106	BMED 1103, 1104, 1105, and 2102
BIOL 1307 and 1107	BMED 1101, 1106, 1107, and 1109

- 2.1 In accordance with Sec 61.822 of the Texas Education Code, a student who successfully completes courses in the TSC core curriculum will receive academic credit at UTRGV for each of the core courses transferred. However, there are circumstances when additional classes are required by the major even when core is complete.

- 2.2 Transfer students are encouraged to complete their Associate of Science at TSC prior to completion of their first semester of study at UTRGV. TSC and UTRGV faculty will work with students to help promote the completion of the associates degree in a timely fashion.
- 2.3 This Articulation Agreement will be published and provided as a transfer guide during academic advisement at TSC.

3.0 Designated Liaison

Each institution designates the following officials to serve as its liaison to coordinate and facilitate activities under this Articulation Agreement and to address any concerns or disputes that may arise relating to the terms and conditions of this Articulation Agreement.

**Texas Southmost College:**  
Mr. Robert Stone  
Program Coordinator, Science  
Phone: (956) 295-3464  
Email: [Robert.stone@tsc.edu](mailto:Robert.stone@tsc.edu)

**The University of Texas Rio Grande Valley:**  
Dr. Saraswathy Nair  
Chair, Department of Health & Biomedical Sciences  
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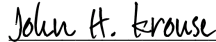
Executed by the undersigned representatives of the two institutions on August 27<sup>th</sup>, 2020.

APPROVED:

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY

TEXAS SOUTHMOST COLLEGE

DocuSigned by:



John H. Krouse, MD, PhD, MBA  
Executive Vice President, Health Affairs



Dr. Jesús Roberto Rodríguez  
President, TSC College

DocuSigned by:



Dr. Michael Lehker  
Dean, College of Health Professions



Dr. Joanna Kile  
Vice President, Instruction

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

Associate of Science in Science and Bachelor of Science in Biomedical Sciences

First Year - Fall Semester - TSC		Hours	First Year - Spring Semester - TSC		Hours
BIOL 1306 Biology for Science Majors I		3	BIOL 1307 Biology for Science Majors II		3
BIOL 1106 Biology for Science Majors I Lab		1	BIOL 1107 Biology for Science Majors II Lab		1
ENGL 1301 Composition I (core)		3	CHEM 1311 General Chemistry I		3
MATH 1314 College Algebra**		3	CHEM 1111 General Chemistry I Lab**		1
PSYC 2301 General Psychology* (core)		3	MATH 2412 Pre-Calculus**		4
XXXX X3XX Language, Philosophy & Culture		3	XXXX X3XX Creative Arts		3
<b>Total Fall Semester Hours</b>		<b>16</b>	<b>Total Spring Semester Hours</b>		<b>15</b>
<b>Summer I</b>			<b>Summer II</b>		
<b>Total Summer I Hours</b>		<b>0</b>	<b>Total Summer II Hours</b>		<b>0</b>
Second Year - Fall Semester - TSC		Hours	Second Year - Spring Semester - TSC		Hours
CHEM 1312 General Chemistry II		3	PHYS 1301 College Physics I		3
CHEM 1112 General Chemistry II lab**		1	PHYS 1101 College Physics I Lab		1
HIST 1301 United States History I (core) or		3	HIST 1302 United States History II or		3
HIST 2327 Mexican-American History I			HIST 2328 Mexican-American History II (core)		
GOVT 2305 Federal Government (core)		3	GOVT 2306 Texas Government (core)		3
ENGL 1302 Composition II		3	XXX X3XX Component Area Option		3
			XXX X3XX Component Area Option		3
<b>Total Fall Semester Hours</b>		<b>13</b>	<b>Total Spring Semester Hours</b>		<b>16</b>
<b>Summer I</b>			<b>Summer II</b>		
			MATH 1342 Elementary Statistical Methods		3
<b>Total Summer I Hours</b>		<b>0</b>	<b>Total Summer II Hours</b>		<b>3</b>
Third Year - Fall Semester - UTRGV		Hours	Third Year - Spring Semester - UTRGV		Hours
BMED 1108 Introductory Medical Neuroscience		1	CHEM 2323 Organic Chemistry I		3
BMED 3104 Integrated Body Systems I: Cardiovascular		1	CHEM 2123 Organic Chemistry I Lab		1
BMED 3108 Integrated Body Systems V: Dermatology, I		1	BMED 2101 Gross Anatomy		1
BMED 1110 Introductory Medical Physiology		1	BMED 3105 Integrated Body Systems II: Gastrointestina		1
BMED 1111 Introduction to Biomedical II Lab		1	BMED 3106 Integrated Body Systems III: Renal, Fluid a		1
BMED 1102 Introduction to Medical I Lab		1	BMED 3107 Integrated Body Systems IV: Endocrine anc		1
BMED 3102 Neurochemistry		1	BMED 4250 Advanced Cell Biology		2
BMED 4280 Advanced Medical Neuroscience		2	BMED 4260 Advanced Molecular Biology		2
BMED 3103 Human Behavior		1	BMED 4310 Medical Biochemistry		3
BMED 3121 Independent Research I		1	BMED 3122 Independent Research II		1
Spanish elective		3			
<b>Total Fall Semester Hours</b>		<b>14</b>	<b>Total Spring Semester Hours</b>		<b>16</b>
<b>Summer I</b>			<b>Summer II</b>		
MATH 2413 Calculus I		4	CHEM 2325 Organic Chemistry II		3
			CHEM 2125 Organic Chemistry II Lab		1
<b>Total Summer I Hours</b>		<b>4</b>	<b>Total Summer II Hours</b>		<b>4</b>
Fourth Year Fall Semester - UTRGV		Hours	Fourth Year Spring Semester - UTRGV		Hours
BMED 4230 Human Genetics and Medical Genomics		2	STAT 3301 Applied Statistics for Science, Engineeri		3
BMED 4220 Medical Bioinformatics, Genomics, and Sys		2	PHYS 1402 College Physics II		4
BMED 4440 Medical Microbiology		4	BMED 3109 Medical Syndrome		1
BMED 4290 Medical Immunology		2	BMED 4270 Introduction to Complementary and Alterna		2
Advanced elective		3	BMED 4295 Pathophysiology		2
BMED 3123 Independent Research III		1	BMED 3101 Pathobiology and Host Defense		1
			BMED 3124 Independent Research IV		1
<b>Total Fall Semester Hours</b>		<b>14</b>	<b>Total Spring Semester Hours</b>		<b>14</b>
<b>Total Degree Hours</b>				<b>129</b>	

\*Meets UTRGV Social & Behavioral Sciences core and BMED Major, \*\*Does not count toward BMED degree