

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY
AND
SOUTH TEXAS COLLEGE

Articulation Agreement
Associate of Science in Mathematics (STC)
Bachelor of Science in Mathematics (UTRGV)

This AGREEMENT, effective the 13th day of December 2019, is between The University of Texas Rio Grande Valley (“UTRGV”), a component institution of The University of Texas System, and South Texas College (“STC”), a College having its principal office in McAllen, Texas.

WHEREAS, UTRGV and STC desire to implement an Articulation to provide students enrolled at STC with an opportunity to smoothly transition to and further their educational opportunity at UTRGV;

WHEREAS, students declaring Science in Mathematics as their major at STC and successfully 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 South Texas College.

2.0 Courses of Study

UTRGV’s School of Mathematical and Statistical Sciences will accept the complete set of lower division courses from a student who successfully completes courses outlined below from STC and is admitted to UTRGV.

- All STC 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 in Mathematics, the following STC Associate of Science in Mathematics field of study electives will satisfy degree requirements as follows:

<u>STC</u>		<u>UTRGV</u>	
MATH 2413	Calculus I	MATH 2413	Calculus I
MATH 2414	Calculus II	MATH 2414	Calculus II
MATH 2418	Linear Algebra	MATH 2318	Linear Algebra
MATH 2415	Calculus III	MATH 2415	Calculus III
MATH 2420	Differential Equations	MATH 3341	Differential Equations

*This course will not count as an upper-level course, students will still need to meet the required 48 hours of upper-level coursework

- In addition to the mathematics core courses, for specific concentrations in the UTRGV Bachelor of Science in Mathematics, the additional STC Associate of Science in Mathematics field of study electives will satisfy degree requirements as follows:

STC

UTCH 1101 Inquiry Approaches to Teaching
UTCH 1102 Inquiry-Based Lesson Design

UTRGV – BS in MATH with concentration in Secondary School and Middle School Teaching

UTCH 1101 Inquiry Approaches to Teaching
UTCH 1102 Inquiry-Based Lesson Design

Note also that the Secondary School and Middle School Teaching Concentrations have no free electives in their degree plans at UTRGV

STC

MATH 1442 Elementary Statistical Methods

UTRGV – BS in MATH with concentration in Statistics
3-credits as MATH 1342 Elementary Statistical Methods and 1-credit as a lower level elective.

STC

ECON 2301 Principles of Macroeconomics
ECON 2302 Principles of Microeconomics

UTRGV – BS in MATH with concentration in Economics

ECON 2301 Principles of Macroeconomics
ECON 2302 Principles of Microeconomics

- 2.1 In accordance with Sec 61.822 of the Texas Education Code, a student who successfully completes courses in the STC core curriculum will receive academic credit at UTRGV for each of the core courses transferred. However, there are circumstances where additional classes are required by the major even when core is complete
- 2.2 Transfer students must apply for admission and meet requirements to UTRGV and the Bachelor of Science in Mathematics. Transfer students are encouraged to complete their Associate of Science at STC prior to completion of their first semester of study at UTRGV. STC 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 STC.

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.

South Texas College:

Mario Morin
Department Chair, Mathematics

The University of Texas Rio Grande Valley:

Dr. Timothy Huber
Director, School of Mathematical and Statistical Sciences

Executed by the undersigned representatives of the two institutions on December 13, 2019.

APPROVED:

THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY

SOUTH TEXAS COLLEGE

Patricia A. McHatton

Dr. Patricia Alvarez-McHatton
Executive Vice President for Academic Affairs,
Student Success and P-16 Integration

Dr. Anahid Petrosian
Vice President for Academic Affairs

Dr. Vivian Incera
Dean, College of Sciences

Ali Esameili 12/12/19

Dr. Ali Esameili
Dean, Division of Math, Science and Bachelor's Programs