

SRSU - Rio Grande College
Transfer Guide
Bachelor of Science – Mathematics 120 sch

Southwest Texas Junior College (SWJTC)
Lower Level Courses

SWTJC Semester I

Course	Course Name	Credit Hours
ENGL 1301	Composition and Rhetoric I	3
HIST 1301	United States History I	3
MATH 1314	College Algebra	3
Fine Arts ¹	Non Performance	3
Social Science ²	Social Science	<u>3</u>
Total		15

SWTJC Semester II

Course	Course Name	Credit Hours
ENGL 1302	Composition and Rhetoric II	3
HIST 1302	United States History II	3
SPCH 1311	Intro to Speech Comm.	3
MATH 1316	Plane Trigonometry	3
Elective £	See Definition Below	3
MATH 2312	Pre-Calculus Math	<u>3</u>
Total		18

SWTJC Summer Semesters

Course	Course Name	Credit Hours
Lab Science ³	Laboratory Science	4
KINE 1100-1110	Physical Activities	<u>1</u>
Total		5

Course	Course Name	Credit Hours
Lab Science ³	Laboratory Science	4
KINE 1100-1110	Physical Activities	<u>1</u>
Total		5

SWTJC Semester III

Course	Course Name	Credit Hours
ENGL 2xxx ⁴	Literature	3
GOVT 2301	American Government I	3
Lab Science ²	Laboratory Science	4
MATH 2413	Calculus I	<u>4</u>
Total		14

SWTJC Semester IV

Course	Course Name	Credit Hours
ENGL 2xxx ⁴	Literature	3
GOVT 2302	American Government II	3
Lab Science ³	Laboratory Science	4
MATH 2414	Calculus II	<u>3</u>
Total		14

SRSU-Rio Grande College (SRSU-RGC)
Upper Level/Advanced Courses

SRSU-RGC Semester I

Course	Course Name	Credit Hours
MTH 3303	Multi-variant Calculus	3
MTH 3x or 4x ⁵	Advanced Mathematics	3
Minor ⁶		3
Minor ⁶		<u>3</u>
Total		12

SRSU-RGC Semester II

Course	Course Name	Credit Hours
MTH 3304	Linear Algebra	3
MTH 3x or 4x ⁵	Advanced Mathematics	3
Minor ⁶		3
Minor ⁶		3
Elective £	See Definition Below	<u>1</u>
Total		13

SRSU-RGC Semester III

Course	Course Name	Credit Hours
MTH 3x or 4x ⁵	Advanced Mathematics	3
MTH 3x or 4x ⁵	Advanced Mathematics	3
Minor ⁶		3
Elective £	See Definition Below	<u>3</u>
Total		12

SRSU-RGC Semester IV

Course	Course Name	Credit Hours
MTH 3x or 4x ⁵	Advanced Mathematics	3
Minor ⁶		3
Multicultural ⁷	Adv'd HST or SPN	3
Elective £	Lower Level or Advanced	<u>3</u>
Total		12

Definition of Terms

Elective £ - courses that are not part of the core curriculum and not required for the major or minor; can be lower level (SWTJC) or upper level/advanced (SRSU-RGC).

- To be selected from SWTJC courses ARTS 1303, 1304; DRAM 2361, 2362; MUSI 1306.
- To be selected from SWTJC courses ANTH 2346; GEOG 1300; PHIL 1301; PSYC 2301; SOCI 1301.
- To be selected from SWTJC courses BIOL 1406, 1407, 1408, 1409, 1411, 1413, 2401, 2402, 2404, 2406, 2421; CHEM 1311+lab, 1312+lab, 1405, 1407, 1419; PHYS 1401, 1402, 1405, 1407.
- To be selected from SWTJC courses ENGL 2307, 2308, 2311, 2322, 2323, 2327, 2328, 2332, 2333.
- To be selected from SRSU-RGC courses MATH 3301, 3302, 3306, 3307, 3310, 4301, 4304, 4306, 4307, 4327. Students may **NOT** take MATH 3308 or 3309. See the catalog for prerequisites.
- A minor of 18 sch is required; at least 9 sch must be in upper level/advanced courses offered through SRSU-RGC. Minors are available in Biology, Business Administration, Criminal Justice, English, History, Psychology, or Spanish.
- To be selected from SRSU-RGC courses HST 3302, 3308, 3313; SPN 3316, 3320.

Notes:

- The courses listed above are not to be interpreted as an actual schedule or degree plan.
- This degree at SRSU-RGC is 120 semester credit hours; however, the total hours completed by any student may vary due to core requirements and discrepancies.
- This plan is subject to change according to requirements set by the State of Texas.