St. Mary's University
BS in Mathematics Degree Plan – 120 Hours
The maximum credit transferable from a junior college, or any combination of junior colleges, is 66 semester hours.

St. Mary's Core (38 hours)

	Requirements	Texas Common Course Equivalency	Hours Required
__	First Year Experience	Not required for transfer students accepted with 30 or more credit hours however a student may need to take three (3) additional hours of elective credits in order to meet the required hours for this degree.	3
__	Freshmen Composition I	ENGL 1301	3
__	Literature	ENGL 1302 or any ENGL 23XX Literature course	3
__	History	Any HIST 13XX or 23xx course	3
__	Social Science	Any **two** of the following courses: BUSI 1301, CRIJ 1301, ECON 2301, ECON 2302, GOVT 2305, GOVT 2306, PSYC 1301, PSYC 2306, PSYC 2316, PSYC 2314, SOCI 1301, SOCI 1306, SOCI 2319, SPCH 1311, SPCH 1315, SPCH 1321, SPCH 2335	6
__	Mathematics	MATH 2413	
__	Natural or Physical Sciences	Satisfied by the minor required for this major.	3
__	Fine Arts	Any 3-credit hour Fine Arts course from the following: ARTS, MUSI, DRAM	3
__	Foreign Language	Two courses (1411 and 1412) in a language not previously studied or two courses (2311 and 2312) in a language previously studied	6
__	Philosophy – Self	PHIL 1301	3
__	Philosophy – Ethics	PHIL 2306	3
__	Theology	Theology courses from other universities may be transferable with the approval of the Theology Department	3
__	Intermediate Theology	Theology courses from other universities may be transferable with the approval of the Theology Department	3

Mathematics Major Courses	Texas Common Course Equivalency	Hours Required
___ MT 2101 – Mathematics Working Seminar I	No equivalent	1
___ MT 2102 – Mathematics Working Seminar II	No equivalent	1
___ MT 2103 – Mathematics Working Seminar III	No equivalent	1
___ MT 2317 – Differential Equations	MATH 2320	3
___ MT 2412 – Calculus I	MATH 2413	4
___ MT 2413 – Calculus II	MATH 2414	4
___ MT 2414 – Calculus III	MATH 2415	4
___ MT 2323 – Discrete Math Structures	MATH 2305	3
___ MT 3324 – Linear Algebra	No equivalent	3
___ MT 3321 – Introduction to Modern Algebra	No equivalent	3

___	MT 3392 – Elementary Math Analysis	No equivalent	3
___	MT 4331 – Probability Theory	No equivalent	3
___	MT 4332 – Statistics	No equivalent	3
___	MT 4395 – Senior Mathematics Seminar	No equivalent	3
___	Advanced MT Electives	No equivalent	6

Minor (18 hours)
Choose a Science minor

Electives (18 hours)

An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors.

 Total Semester hours for this degree: 120