

## St. Mary's University

### BA in Mathematics with Teacher Certification 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 (42 hours)

Requirements	Texas Common Course Equivalency	Hours Required
___ First Year Experience	Not required for transfer students accepted with 30 or more college 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 <b>two</b> of the following courses: BA 1307, CRIJ 1301, ECON 2301, ECON 2302, GOVT 1306, GOVT 1305, GOVT 2304, PSYC 1301, SOCI 1301 or SPCH 1306	6
___ Natural or Physical Sciences	Any science course from the following: ASTR, BIOL, CHEM, GEOL, PHYS	3
___ Fine Arts	Any Fine Arts course from the following: ART, MUSI, DRAM	3
___ Foreign Language and International Engagement	Two courses of foreign language (intermediate): XX 2311 and XX 2312 or Two courses of foreign language (elementary): XX1311 and XX 1312	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 (35 hours)

Requirements	Texas Common Course Equivalency	Hours Required
___ MT 2101 – Mathematics Working Seminar I	No equivalency.	1
___ MT 2102 – Mathematics Working Seminar II	No equivalency.	1
___ MT 2103 – Mathematics Working Seminar III	No equivalency.	1
___ MT 2412 – Calculus I	MATH 2413	4
___ MT 2413 – Calculus II	MATH 2414	4
___ MT 2323 – Discrete Math Structures	No equivalency.	3
___ MT 3324 – Linear Algebra	No equivalency.	3
___ MT 3321 – Intro to Modern Algebra	No equivalency.	3
___ MT 4331 – Probability Theory	No equivalency.	3
___ MT 4332 – Statistics	No equivalency.	3
___ MT 4341 – Modern Geometry	No equivalency.	3
___ Advanced MT Electives of 3XXX or 4XXX	No equivalency.	6

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**Education Courses for Teacher Certification (27 hours)**

Requirements	Texas Common Course Equivalency	Hours Required
___ ED 3302 – The American Secondary School	No equivalency.	3
___ ED 2330 – Teaching Diverse Populations	No equivalency.	3
___ ED 3350 – Teaching Reading in the Content Areas	No equivalency.	3
___ ED 3355 – Educational Technology	No equivalency.	3
___ ED 3361 – Adolescent Dev. And Learning in School Setting	No equivalency.	3
___ ED 3362 – Secondary Teaching Methods	No equivalency.	3
___ ED 4388 – Professional Development Seminar – Secondary	No equivalency.	3
___ ED 4689 – Clinical Teaching in Secondary School	No equivalency.	6
___ Electives	Any course not listed above may qualify for an elective	16

**Total Semester hours for this degree****120**

Please note: Courses listed above may transfer to fulfill major course requirements or as elective hours. Students should consult with department chair, Angeli Willson, Ph.D. at [awillson@stmarytx.edu](mailto:awillson@stmarytx.edu), for questions related to the education courses. For questions related to the mathematics courses, students should contact department chair, Paul Uhlig, Ph.D. at [puhlig@stmarytx.edu](mailto:puhlig@stmarytx.edu).

For questions regarding other transfer courses not listed, contact the Office of the Registrar at [registrar@stmarytx.edu](mailto:registrar@stmarytx.edu)