

St. Mary's University
BS in Biology 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 (39 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: BA 1307, CRIJ 1301, ECON 2301, ECON 2302, GOVT 1306, GOVT 1305, GOVT 2304, PSYC 1301, SOCI 1301 or SPCH 1306 (<i>Note: Some majors will require a specific social science course.</i>)	6
___ Mathematics	Satisfied by MATH 1342 in the courses required for this major	
___ Natural or Physical Sciences	Satisfied by PHYS 1101 and PHYS 1301 in the courses required for this major	
___ 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 2312	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

Biology Major Courses (78 hours)

Requirements for this major:	Texas Common Course Equivalency	Hours Required
___ BL 1401 – General Biology for Majors I	BIOL 1406*	4
___ BL 1402 – General Biology for Majors II	BIOL 1407*	4
___ BL 2110 – Sophomore Biology Seminar	No equivalency.	1
___ BL 2233 – Cell & Molecular Methods	No equivalency.	2
___ BL 2330 – Genetic Principles	BIOL 2416	3
___ BL 2332 – Cell Biology	No equivalency.	3
___ BL 3110 – Junior Biology Seminar	No equivalency.	1
___ BL 4110 – Senior Biology Seminar	No equivalency.	1
___ BL 34XX or 44XX – Advanced Biology	No equivalency.	16
___ BL 4451 – Biochemistry I	No equivalency.	4
___ BL 4452 – Biochemistry II	No equivalency.	4
___ CH 1401 – General Chemistry I	CHEM 1111 and CHEM 1311*	4
___ CH 1402 – General Chemistry II	CHEM 1112 and CHEM 1312*	4
___ CH 2411 – Organic Chemistry I	CHEM 2123 and CHEM 2323 or CHEM 2423	4
___ CH 2412 – Organic Chemistry II	CHEM 2125 and CHEM 2325 or CHEM 2425	4
___ MT 2303 – Intro to Probability & Statistics	MATH 1342	3
___ MT 2412 – Calculus	MATH 2413	4
___ PY 1401 – General Physics I	PHYS 1101 and PYHS 1301 or PHYS 2425	4
___ PY 1402 – General Physics II	PHYS 1102 and PHYS 1302 or PHYS 2426	4
___ Advanced Science Elective	No equivalency	4

Electives

An elective can be any course taken from any discipline.

Please note: Some courses may transfer to fulfill major course requirements or as elective hours. Students should consult with the department chair, Thomas Macrini, Ph.D. at tmacrini@stmarytx.edu

Total Semester hours for this degree

120

For questions regarding other transfer courses not listed, contact the Office of the Registrar at registrar@stmarytx.edu.

* *Not applicable to Dual Credit students.*