

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: 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 1342 or 1442	
— Natural or Physical Sciences	PHYS 1401 or PHYS 1301 and PHYS 1101	
— Fine Arts	Any 3-credit hour Fine Arts course from the following: ARTS, MUSI, DRAM	3
— Foreign Language and International Engagement	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	No equivalent	3
— Intermediate Theology	No equivalent	3

Biology Major Courses (78 hours)

Requirements	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 equivalent	1
— BL 2233 - Cell & Molecular Methods	No equivalent	2
— BL 2330 - Genetic Principles	BIOL 2416	3
— BL 2332 - Cell Biology	No equivalent	3
— BL 3110 - Junior Biology Seminar	No equivalent	1

—	BL 4110 - Senior Biology Seminar	No equivalent	1
—	BL 34XX or 44XX	No equivalent.	16
—	BL 4451 - Biochemistry I	No equivalent.	4
—	BL 4452 Biochemistry II	No equivalent	4
—	CH 1401 - General Chemistry I	CHEM 1411 or CHEM 1311 and CHEM 1111	4
—	CH 1402 - General Chemistry II	CHEM 1412 or CHEM 1312 and CHEM 1112	4
—	CH 2411 - Organic Chemistry I	CHEM 2423 or CHEM 2323 and CHEM 2123	4
—	CH 2412 - Organic Chemistry II	CHEM 2425 or CHEM 2325 and CHEM 2125	4
—	MT 2412 - Calculus I	MATH 2413	4
—	PY 1401 - General Physics I	PHYS 1401 or PHYS 1301 and PHYS 1101	4
—	PY 1402 - General Physics II	PY 1402 or PHYS 1302 and PHYS 1102	4
—	BL or CH 34XX or 44XX	No equivalent	
—	Electives (3 hours)	An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors.	3

Total hours for this degree

120

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