

St. Mary's University

BS in Environmental Science 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 (40 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	Choose one of the following courses: BUSI 1301, CRIJ 1301, 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	4
— Natural or Physical Sciences	GEOL 1301 or GEOL 1303 or GEOL 1401 or GEOL 1403 or ENVR 1301 or GEOL 1304 or GEOL 1305 or GEOL 1404 or GEOL 1405	
— 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

Environmental Science Major Courses (73 hours)

Requirements	Texas Common Course Equivalency	Hours Required
— EC 2301 or EC 2303 – Intro to Macro/Microeconomic Theory	ECON 2301 or ECON 2302	3
— BL 1401- General Biology for Majors I	BIOL 1406	4
— BL 1402 - General Biology for Majors II	BIOL 1407	4
— CH 1401 – General Chemistry I	CHEM 1411or CHEM 1311 and CHEM 1111	4
— MATH 2413 – Calculus II	MATH 2414	4
— MT 2303- Introduction to Probability and Statistics	MATH 1342 or MATH 1442	3
— ES 1100 – General Geology Lab	GEOL 1101 or GEOL 1401 or GEOL 1403	1

—	ES 1173 – Environmental Science Lab	ENVR 1101 or GEOL 1105 or 1404 or GEOL 1405	1
—	ES 1300 – General Geology	GEOL 1301 or GEOL 1303 or GEOL 1401 or GEOL 1403	3
—	ES 1373 – Introductory Environmental Science	ENVR 1301 or GEOL 1304 or GEOL 1305 or GEOL 1404 or GEOL 1405	3
—	ES 2300 – Global Chance	No equivalent	3
—	ES 2320 – General Ecology	No equivalent	3
—	ES 2120 – General Ecology Lab	No equivalent	1
—	ES 2325 – Energy Resources and the Environment	No equivalent	3
—	ES 2345 – Experimental Design	No equivalent	3
—	ES 2350 – Environmental Geology	No equivalent	3
—	ES 2150 – Environmental Geology Lab	No equivalent	1
—	ES 3110 – Environmental Science Seminar I	No equivalent	1
—	ES 3120 – Environmental Science Seminar II	No equivalent	1
—	ES 3310 – Scientific and Technical Writing	No equivalent	3
—	ES 3320 – Environmental Policy and Regulation	No equivalent	3
—	ES 3330 – Introduction to Geographic Information System	No equivalent	3
—	Environmental Capstone	No equivalent	3
—	Major Electives	GEOL 1345 or GEOL 1445 or CHEM 1412 or CHEM 2423 or CHEM 2425 or PHYS 2425 or PHYS 2426 or PHYS 1401 or PHYS 1402	9
—	General Electives	An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors.	7

Total hours for this degree

120

Updated 11/19/2025