

St. Mary's University

BA 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 (42 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 | 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 (69 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 |
| — CH 1401 – General Chemistry I | CHEM 1411 or CHEM 1311 and CHEM 1111 | 4 |
| — 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 |

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|---|---|---|----|
| — | ES 2300 – Global Change | 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 |
| — | ES 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 | 18 |
| — | General Electives | An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors. | 9 |

Total hours for this degree

120

Updated 11/19/2025