

St. Mary's University

BS in Economics with Data Analytics Concentration 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 (43 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	Select two : BUSI 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	3
— Natural or Physical Sciences	Select one : BIOL 1308, BIOL 1309, CHEM 1411, CHEM 1412, GEOL 1301, GEOL 1303, GEOL 1401, GEOL 1403, GEOG 1301, GEOL 1304, GEOL 1305, GEOL 1404, GEOL 1405, PHYS 1305, PHYS 1401, PHYS 1402.	3
— Fine Arts	Any 3-credit hour Fine Arts course from the following: ARTS, MUSI, DRAM	3
— Foreign Language	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	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

	Texas Common Course Equivalency	Hours Required
Economics Major Courses (33 CHRs)		
— EC 2301 – Introductory Macroeconomic Theory	ECON 2301	3
— EC 2303 – Introductory Microeconomic Theory	ECON 2302	3
— EC 3310 – International Economics	No equivalent	3
— EC 3346 – Intermediate Macroeconomic Theory	No equivalent	3
— EC 3347 – Intermediate Microeconomic Theory	No equivalent	3
— EC 4335 – Econometrics	No equivalent	3
— EC 4345 – Mathematical Economics	No equivalent	3
— EC 4350 – Introduction to Complexity in Economics	No equivalent	3

___	EC 4386 – Senior Project in Economics	No equivalent	3
___	MT 2303 – Introduction to Probability and Statistics	MATH 1342 or MATH 1442	3
___	Advanced Economics Elective	No equivalent	3
Data Analytics Concentration (15 CHRs)			
___	CS 1310 – Programming I in C	COSC 1336 or COSC 1436	3
___	CS 1311 – Data Structures	COSC 2336 or COSC 2436	3
___	CS 2313 – Object Oriented Programming I	No equivalent	3
___	Advanced Computer Science Elective	No equivalent	3
___	Advanced Data Analytics Elective	No equivalent	3
Electives (29 CHRs)			29

An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors.

Total Semester Hours - 120

Updated 11/19/2025