

B.A. in Mathematics

St. Mary's University Core ¹

SMC 1301	Foundations of Civilization	3
SMC 1311	Foundations of Reflection:Self	3
SMC 1312	Foundations of Reflection: Nature	3
SMC 1313	Foundations of Reflection: Others	3
SMC 1314	Foundations of Reflection: God	3
SMC 2301	Foundations of Practice: Ethics	3
SMC 2302	Foundations of Practice: Civic Engagement and Social Action	3
SMC 2303	Foundations of Practice:Fine Arts and Creative Process	3
SMC 2304	Foundations of Practice: Literature	3
SMC 4301	Capstone Seminar: Prospects for Community & Civilization	3

School of Science, Engineering, and Technology Specific Core

Speech 3

Select one of the following:

CM 1341 Fundamentals of Oral Communication

CM 2333 Business and Professional Communication

Rhetoric & Composition ² 3

EN 1311 Rhetoric and Composition

Foreign Languages 6

Select one of the following:

6 hours at the sophomore level (2311, 2312) in a Foreign Language previously studied for a minimum of one year

6 hours of introductory level (1311, 1312) in a Foreign Language not previously studied

12 hours of CLEP/AP credit

History/Social Science 3

Select one of the following:

Any HS course

BA 1310 Fundamentals of Business Enterprise

CJ 1301 Introduction to Criminal Justice

CJ 3300 Adjudication of Social Issues

EC 2301 Introductory Macroeconomic Theory

EC 2303 Introductory Microeconomic Theory

MN 3330 Organizational Behavior

PO 1311 American National Government

PO 1312 Texas State & Local Government

PO 1314 Introduction to Global Affairs

PS 1301 General Psychology

PS 3386 Human Factors

SC 1311 Introductory Sociology

SC 3321 Social Issues

HU 3300 Perspectives and Themes in History, Philosophy and/or Theology

HU 3303 Perspectives and Themes in Social Science

Theology 3

Select one of the following:

Advanced Theology TH 33XX/43XX

HU 3300 Perspectives and Themes in History, Philosophy and/or Theology

Fine Arts/Literature 3

Select one AR, DM, MU or any EN 23XX literature course

B.A. Mathematics Major Courses

MT 2412 Calculus I 4

MT 2413	Calculus II	4
MT 3324	Linear Algebra	3
MT 3414	Calculus III	4
MT 4331	Probability Theory	3
MT 4332	Statistics	3
Advanced Mathematics MT 33XX/43XX		3
Advanced Mathematics MT 33XX/43XX		3
Advanced Mathematics MT 33XX/43XX		3

Electives

An elective can be any course taken from any discipline. 39

Proficiency in Information Technology and Information Literacy

For this major, this requirement will be fulfilled by successfully completing MT 4332 with a grade of "C" or higher.

Total Semester Hours 120

¹ All St. Mary's Core SMC 13XX "Reflection" courses must be completed before registering for SMC 23XX "Practice" courses.

² Grade of "C" or better is required. International students may be required to take EN 1313 to fulfill this requirement.

This is a recommended degree plan subject to changes. Please meet with your adviser on a regular basis.

First Year

Fall	Semester Spring Hours	Semester Hours
SMC 13XX	3 SMC 13XX	3
SMC 13XX	3 SMC 13XX	3
EN 1311	3 Speech	3
MT 2412	4 MT 2413	4
ND 0101	0 Elective	3
Elective	3	
	16	16

Second Year

Fall	Semester Spring Hours	Semester Hours
SMC 13XX	3 SMC 23XX	3
Foreign Language	3 Fine Arts/Literature	3
Advanced Mathematics	3 Foreign Language	3
Advanced Mathematics	3 MT 3414	4
Elective	3 Elective	3
	15	16

Third Year

Fall	Semester Spring Hours	Semester Hours
SMC 23XX	3 SMC 23XX	3
SMC 23XX	3 History/Social Science	3
Advanced Theology	3 MT 3324	3
Elective	3 Advanced Mathematics	3
Elective	3 Elective	3
	15	15

Fourth Year

Fall	Semester Spring Hours	Semester Hours
MT 4331	3 SMC 4301	3
Elective	3 MT 4332	3
Elective	3 Elective	3
Elective	3 Elective	3

Elective

3

15

12

Total Semester Hours 120