

# B.S. in Forensic Science - Chemistry Option

## St. Mary's University Core <sup>1</sup>

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 <sup>2</sup> 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

## BS Forensic Science (Chemistry Option) Major Courses

BL 1401 General Biology for Majors I 4

BL 1402	General Biology for Majors II	4
BL 4451	Biochemistry I	4
EX 3112	Selected Topics (Medical Terminology)	1
Advanced Biology BL 34XX/44XX		4
Advanced Biology BL 34XX/44XX		4
Advanced Biology BL 34XX/44XX		4
CH 1401	General Chemistry I	4
CH 1402	General Chemistry II	4
CH 3411	Organic Chemistry I	4
CH 3412	Organic Chemistry II	4
CH 3423	Analytical Chemistry	4
CH 3424	Instrumental Analysis	4
CH 3433	Physical Chemistry I	4
MT 2303	Introduction to Probability and Statistics	3
MT 2412	Calculus I	4
MT 2413	Calculus II	4
PY 1401	General Physics I	4
PY 1402	General Physics II	4
CR 3335	Survey of Forensic Science	3
CR 3336	Crime Scene Investigation	3
CR 3337	Forensic Criminology	3

**Elective**

An elective can be any course taken from any discipline. 2

**Proficiency in Information Technology and Information Literacy**

For this major, this requirement will be fulfilled by successfully completing CH 1401 and CH 1402 with a grade of "C" or higher.

Total Semester Hours 134

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

<sup>2</sup> 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
EN 1311	3 SMC 13XX	3
BL 1401	4 BL 1402	4
CH 1401	4 CH 1402	4
Speech	3 MT 2303	3
ND 0101	0	
	<b>17</b>	<b>17</b>

**Second Year**

Fall	Semester Spring Hours	Semester Hours
SMC 13XX	3 SMC 13XX	3
Foreign Language	3 Foreign Language	3
CH 3411	4 CH 3412	4
MT 2412	4 MT 2413	4
PY 1401	4 PY 1402	4
	<b>18</b>	<b>18</b>

**Third Year**

<b>Fall</b>	<b>Semester Spring Hours</b>	<b>Semester Hours</b>
SMC 23XX	3 SMC 23XX	3
Fine Arts/Literature	3 SMC 23XX	3
BL 4451	4 EX 3112 (Medical Terminology)	1
CH 3423	4 CH 3424	4
CR 3337	3 CR 3335	3
	General Elective	2
	<b>17</b>	<b>16</b>

**Fourth Year**

<b>Fall</b>	<b>Semester Spring Hours</b>	<b>Semester Hours</b>
SMC 23XX	3 SMC 4301	3
History/Social Science	3 Advanced Theology	3
CH 3433	4 Advanced Biology	4
CR 3336	3 Advanced Biology	4
Advanced Biology	4	
	<b>17</b>	<b>14</b>

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Total Semester Hours 134