BACHELOR OF SCIENCE
BIOCHEMISTRY

THOMAS MORE UNIVERSITY

2021 – 2022 Sample Curriculum (for students who achieved an ACT Math or ACT Composite score below 24)

The Chemistry Department offers a challenging program of study providing the student with a strong foundation in the basic areas of chemistry necessary to pursue advanced study in graduate or professional school. The Chemistry program allows the student majoring in Biochemistry the opportunity to earn a bachelor's degree, other science majors to broaden the scope of their knowledge and increase their potential as scientists with a Chemistry minor, and non-science majors to satisfy the general core requirements. The department highly recommends a second major a minor in any of the following areas: Biology, Business Administration, Computer Information Systems, Criminal Justice, Economics, Mathematics, or Physics. The Chemistry Department also offers a bachelor's degree in Chemistry and a concentration in Forensic Science.

-EVEN YEAR START-

First Year

Fall	CR	Spring	CR
FYE 150 First Year Exploration	1	Communication – Core	3
CHE 111/111L General Chemistry I and Lab	4	CHE 113/113L General Chemistry II and Lab	4
BIO 101/101L General Biology I	4	MAT 115 Precalculus	3
ENG 150 Literature, Writing and Research	3	Social Science – Core	3
History – Core	3	History – Core	3
Subtotal	15	**Subtotal**	16

Second Year

Fall	CR	Spring	CR
CHE 220/220L Organic Chemistry I and Lab	4	CHE 240/240L Organic Chemistry II and Lab	4
MAT 151 Calculus and Analytical Geometry I	4	MAT 152 Calculus and Analytical Geometry II	4
English 200+ – Core	3	BIO 206/206L Genetics and Lab	4
Foreign Language – Core	3	Foreign Language – Core	3
Subtotal	14	**Subtotal**	15

Third Year

Fall	CR	Spring	CR
CHE 301 The Chemical Literature	1	CHE 304 Introduction to Chemical Research	1
CHE 340/340L Biochemistry II and Lab	4	CHE 330/330L Biochemistry I and Lab	4
PHY 141/141L General Physics I and Lab	5	CHE 385/CHE 385L Quantitative Analysis and Lab	4
Theology – Core	3	PHY 142/142L General Physics II and Lab	5
Social Science – Core	3	Philosophy – Core	3
Subtotal	16	**Subtotal**	17

Fourth Year

Fall	CR	Spring	CR
CHE 411 Senior Research I	2	CHE 412 Senior Research II	1
CHE 313 Physical Chemistry I and Lab	4	Senior Theology – Core	3
BIO 341/341L Molecular Genetics and Lab	4	Fine Arts – Core	3
Theology – Core	3	Philosophy – Core	3
Elective	3	Fine Arts – Core	3
Subtotal	16	**Subtotal**	13

Total Credits: 122

*CHE 314/314L, CHE 358/358L, CHE 415/415L, and CHE 425 are recommended as elective credit.

Note: This course pattern applies to students entering under the 2021-22 Academic Catalog or later.