

BACHELOR OF SCIENCE BIOCHEMISTRY



THOMAS MORE
UNIVERSITY

Degree Requirements Checklist

CORE CURRICULUM REQUIREMENTS*	CREDIT HOURS
FIRST YEAR SEMINAR	3
☐ FYS 150, First Year Seminar	
ENGLISH	6
☐ ENG 150, Literature, Writing and Research	
☐ ENG 200+: _____	
MATHEMATICS	3
☒ Fulfilled within the major requirements	
SOCIAL SCIENCE	6
☐ _____	
☐ _____	
COMMUNICATION	3
☐ _____	
HISTORY	6
☐ _____	
☐ _____	
FOREIGN LANGUAGE (two semesters in same language)	3-6
☐ _____	
☐ _____	
NATURAL SCIENCE	6-7
☒ Fulfilled within the major requirements	
☒ Fulfilled within the major requirements	
PHILOSOPHY	6
☐ _____	
☐ _____	
FINE ARTS (Art, Music, Theatre or Creative Writing courses)	5-6
☐ _____	
☐ _____	
THEOLOGY	6
☐ Systematic Theology course: _____	
☐ Sacred Scripture course: _____	
SENIOR THEOLOGY	3
☐ _____	
TOTAL HOURS OF CORE REQUIREMENTS	56-61

MAJOR CORE REQUIREMENTS	CREDIT HOURS
CHEMISTRY	37
☐ CHE 111, General Chemistry I	
☐ CHE 111L, General Chemistry I Lab	
☐ CHE 113, General Chemistry II	
☐ CHE 113L, General Chemistry II Lab	
☐ CHE 220, Organic Chemistry I	
☐ CHE 220L, Organic Chemistry I Lab	
☐ CHE 240, Organic Chemistry II	
☐ CHE 240L, Organic Chemistry II Lab	
☐ CHE 301, The Chemical Literature	
☐ CHE 304, Introduction to Chemical Research	
☐ CHE 313, Physical Chemistry I	
☐ CHE 313L, Physical Chemistry I Lab	
☐ CHE 330, Biochemistry I	
☐ CHE 330L, Biochemistry I Lab	
☐ CHE 340, Biochemistry II	
☐ CHE 340L, Biochemistry II Lab	
☐ CHE 385, Quantitative Analysis	
☐ CHE 385L, Quantitative Analysis Lab	
☐ CHE 411, Senior Research Experience I	
☐ CHE 412, Senior Research Experience II	
BIOLOGY	12
☐ BIO 101, General Biology I	
☐ BIO 101L, General Biology I Lab	
☐ BIO 206, Genetics	
☐ BIO 206L, Genetics Lab	
☐ BIO 341, Molecular Genetics	
☐ BIO 341L, Molecular Genetics Lab	
PHYSICS	10
☐ PHY 141, Introduction to Measurement I	
☐ PHY 141L, Introduction to Measurement I Lab	
☐ PHY 142, General Physics	
☐ PHY 142, Introduction to Measurement II Lab	
MATHEMATICS	8
☐ MAT 151, Calculus Analytic Geometry I	
☐ MAT 152, Calculus Analytic Geometry II	
EXPERIENTIAL LEARNING	3
☒ CHE 411, Senior Research Experience I *	
☒ CHE 412, Senior Research Experience II *	

TOTAL HOURS OF BIOCHEMISTRY CORE **67**

TOTAL HOURS REQUIRED FOR ANY BACHELOR DEGREE

Students admitted during or after Fall 2017 **120**

Students admitted prior to Fall 2017 **128**

*Please reference the 2019 Core column on the Schedule of Classes for core options