BACHELOR OF ARTS
CHEMISTRY

THOMAS MORE UNIVERSITY

Approved Degree Requirements Checklist

SECOND CENTURY CORE CURRICULUM REQUIREMENTS	CREDIT HOURS
INNER CORE REQUIREMENTS	
FIRST YEAR SEMINAR (For First-Year Students only)	1
☐ FYE 150, First Year Exploration	
COMMUNICATION	3
☐ _____	
ENGLISH 150	3
☐ ENG 150, Literature, Writing and Research	
ENGLISH 200+	3
☐ _____	
FINE ARTS (ART, ENG CW, MUS, THR)	3
☐ _____	
FOREIGN LANGUAGE (FRE, GER, LAN, LAT, SPA)	3
☐ _____	
HISTORY	3
☐ _____	
MATHEMATICS (MAT 121+)	3
☐ *FULFILLED WITHIN THE MAJOR REQUIREMENTS*	
NATURAL SCIENCE LECTURE (NSB, NSC, NSP, EXS150, BIO, CHE, PHY)	3/4
☐ *FULFILLED WITHIN THE MAJOR REQUIREMENTS*	
NATURAL SCIENCE LAB (NSB, NSC, NSP, EXS150, BIO, CHE, PHY)	0/1
☐ *FULFILLED WITHIN THE MAJOR REQUIREMENTS*	
PHILOSOPHY	4
☐ _____	
☐ _____	
SOCIAL SCIENCE (ECO, LAW, POS, PSY, SOC)	3
☐ _____	
THEOLOGY	6
☐ _____	
☐ _____	
OUTER CORE REQUIREMENTS (Select one.)	
☐ Second Major: _____	
☐ Minor: _____	
☐ Outer Core Sequence (9 Hours)	

MAJOR REQUIREMENTS	CREDIT HOURS
CHEMISTRY	25
☐ CHE 111/ 111L, General Chemistry I and Lab	
☐ CHE 113/ 113L, General Chemistry II and Lab	
☐ CHE 220/ 220L, Organic Chemistry I and Lab	
☐ CHE 240/ 240L, Organic Chemistry II and Lab	
☐ CHE 301, The Chemical Literature	
☐ CHE 313/ 313L, Physical Chemistry I and Lab	
☐ CHE 415/ 415L, Instrumental Analysis and Lab	
CHEMISTRY ELECTIVES *(3 courses from the following)*	12
☐ CHE 304, Introduction to Chemical Research	
☐ CHE 314/ 314L, Physical Chemistry II and Lab	
☐ CHE 339, Biochemistry	
☐ CHE 340, Biochemistry II	
☐ CHE 342L, Introduction to Biochemistry Laboratory Methods	
☐ CHE 358/ 358L, Advanced Inorganic Chemistry and Lab	
☐ CHE 370, Selected Projects in Chemical Research	
☐ CHE 385/ 385L, Quantitative Analysis and Lab	
☐ CHE 411, Senior Research Experience I	
☐ CHE 412, Senior Research Experience II	
☐ CHE 425, Environmental Chemistry	
☐ CHE 435, Medicinal Chemistry	
☐ CHE 455, Advanced Topics in Chemistry	
MATHEMATICS	8
☐ MAT 151, Calculus Analytic Geometry I	
☐ MAT 152, Calculus Analytic Geometry II	
PHYSICS	8
☐ PHY 121/ 121L, Elements of Physics I and Lab	
☐ PHY 122/ 122L, Elements of Physics II and Lab	
EXPERIENTIAL LEARNING	3
☐ CHE 411, Senior Research Experience I	
☐ CHE 412, Senior Research Experience II	
TOTAL HOURS OF CHEMISTRY CORE	**53**
TOTAL HOURS REQUIRED FOR DEGREE	**120**

Last Updated: Spring 2024