

BACHELOR OF ARTS CHEMISTRY



THOMAS MORE
UNIVERSITY

Approved Degree Requirements Checklist for Pre-Medical Students

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

MAJOR REQUIREMENTS	CREDIT HOURS
CHEMISTRY	28
<input type="checkbox"/> CHE 111/ 111L, General Chemistry I and Lab	
<input type="checkbox"/> CHE 113/ 113L, General Chemistry II and Lab	
<input type="checkbox"/> CHE 220/ 220L, Organic Chemistry I and Lab	
<input type="checkbox"/> CHE 240/ 240L, Organic Chemistry II and Lab	
<input type="checkbox"/> CHE 301, The Chemical Literature	
<input type="checkbox"/> CHE 339, Biochemistry	
<input type="checkbox"/> CHE 313/ 313L, Physical Chemistry I and Lab	
<input type="checkbox"/> CHE 415/ 415L, Instrumental Analysis and Lab	
CHEMISTRY ELECTIVES (2 courses from the following)	8
<input type="checkbox"/> CHE 304, Introduction to Chemical Research	
<input type="checkbox"/> CHE 314/ 314L, Physical Chemistry II and Lab	
<input type="checkbox"/> CHE 340, Biochemistry II	
<input type="checkbox"/> CHE 342L, Biochemistry Lab Methods	
<input type="checkbox"/> CHE 358/ 358L, Advanced Inorganic Chemistry and Lab	
<input type="checkbox"/> CHE 370, Selected Projects in Chemical Research	
<input type="checkbox"/> CHE 385/ 385L, Quantitative Analysis and Lab	
<input type="checkbox"/> CHE 411, Senior Research Experience I	
<input type="checkbox"/> CHE 412, Senior Research Experience II	
<input type="checkbox"/> CHE 425, Environmental Chemistry	
<input type="checkbox"/> CHE 435, Medicinal Chemistry	
<input type="checkbox"/> CHE 455, Advanced Topics in Chemistry	
BIOLOGY	16
<input type="checkbox"/> BIO 101 / 101L, General Biology I and Lab	
<input type="checkbox"/> BIO 102 / 102L, General Biology II and Lab	
<input type="checkbox"/> BIO 211 / 211L, Anatomy and Physiology I and Lab	
<input type="checkbox"/> BIO 206 / 206L, Genetics and Lab	
PHYSICS	8
<input type="checkbox"/> PHY 121/ 121L, Elements of Physics I and Lab	
<input type="checkbox"/> PHY 122/ 122L, Elements of Physics II and Lab	
MATHEMATICS	8
<input type="checkbox"/> MAT 151, Calculus Analytic Geometry I	
<input type="checkbox"/> MAT 152, Calculus Analytic Geometry II	
EXPERIENTIAL LEARNING	3
<input type="checkbox"/> CHE 411, Senior Research Experience I	
<input type="checkbox"/> CHE 412, Senior Research Experience II	

TOTAL HOURS OF CHEMISTRY CORE 68

TOTAL HOURS REQUIRED FOR DEGREE 120

Last Updated: Spring 2024