

# BACHELOR OF SCIENCE BIOCHEMISTRY



THOMAS MORE  
UNIVERSITY

## Approved Degree Requirements Checklist

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

MAJOR REQUIREMENTS	CREDIT HOURS
<b>CHEMISTRY</b>	<b>36</b>
<input type="checkbox"/> CHE 111, General Chemistry I	
<input type="checkbox"/> CHE 111L, General Chemistry I Lab	
<input type="checkbox"/> CHE 113, General Chemistry II	
<input type="checkbox"/> CHE 113L, General Chemistry II Lab	
<input type="checkbox"/> CHE 220, Organic Chemistry I	
<input type="checkbox"/> CHE 220L, Organic Chemistry I Lab	
<input type="checkbox"/> CHE 240, Organic Chemistry II	
<input type="checkbox"/> CHE 240L, Organic Chemistry II Lab	
<input type="checkbox"/> CHE 301, The Chemical Literature	
<input type="checkbox"/> CHE 304, Introduction to Chemical Research	
<input type="checkbox"/> CHE 313, Physical Chemistry I	
<input type="checkbox"/> CHE 313L, Physical Chemistry I Lab	
<input type="checkbox"/> CHE 339, Biochemistry I	
<input type="checkbox"/> CHE 342L, Biochemistry Lab Methods	
<input type="checkbox"/> CHE 340, Biochemistry II	
<input type="checkbox"/> CHE 385, Quantitative Analysis	
<input type="checkbox"/> CHE 385L, Quantitative Analysis Lab	
<input type="checkbox"/> CHE 411, Senior Research I	
<input type="checkbox"/> CHE 412, Senior Research II	
<b>BIOLOGY</b>	<b>12</b>
<input type="checkbox"/> BIO 101, General Biology I	
<input type="checkbox"/> BIO 101L, General Biology I Lab	
<input type="checkbox"/> BIO 206, Genetics	
<input type="checkbox"/> BIO 206L, Genetics Lab	
<input type="checkbox"/> BIO 341, Molecular Genetics	
<input type="checkbox"/> BIO 341L, Molecular Genetics Lab	
<b>PHYSICS</b>	<b>8</b>
<input type="checkbox"/> PHY 141, General Physics I	
<input type="checkbox"/> PHY 141L, General Physics I Lab	
<input type="checkbox"/> PHY 142, General Physics II	
<input type="checkbox"/> PHY 142L, General Physics II Lab	
<b>MATHEMATICS</b>	<b>8</b>
<input type="checkbox"/> MAT 151, Calculus and Analytical Geometry I	
<input type="checkbox"/> MAT 152, Calculus and Analytical Geometry II	
<b>EXPERIENTIAL LEARNING</b>	<b>3</b>
<input type="checkbox"/> CHE 411, Senior Research I	
<input type="checkbox"/> CHE 412, Senior Research II	

**TOTAL HOURS OF BIOCHEMISTRY CORE** 64

**TOTAL HOURS REQUIRED FOR DEGREE** 120

Last Updated: Spring 2024