

# BACHELOR OF SCIENCE BIOCHEMISTRY



THOMAS MORE  
UNIVERSITY

## 2022 – 2023 Degree Requirements Checklist

CORE CURRICULUM REQUIREMENTS*	CREDIT HOURS
<b>FIRST YEAR SEMINAR</b>	<b>1</b>
<input type="checkbox"/> FYE 150, First Year Exploration	
<b>ENGLISH</b>	<b>6</b>
<input type="checkbox"/> ENG 150, Literature, Writing and Research	
<input type="checkbox"/> ENG 200+: _____	
<b>MATHEMATICS</b>	<b>3</b>
<input checked="" type="checkbox"/> Fulfilled within the major requirements	
<b>SOCIAL SCIENCE</b>	<b>6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>COMMUNICATION</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>HISTORY</b>	<b>6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>FOREIGN LANGUAGE (two semesters in same language)</b>	<b>3-6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>NATURAL SCIENCE</b>	<b>6-7</b>
<input checked="" type="checkbox"/> Fulfilled within the major requirements	
<input checked="" type="checkbox"/> Fulfilled within the major requirements	
<b>PHILOSOPHY</b>	<b>6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>FINE ARTS (Art, Music, Theatre or Creative Writing courses)</b>	<b>5-6</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>THEOLOGY</b>	<b>6</b>
<input type="checkbox"/> Systematic Theology course: _____	
<input type="checkbox"/> Sacred Scripture course: _____	
<b>SENIOR THEOLOGY</b>	<b>3</b>
<input type="checkbox"/> _____	
<b>TOTAL HOURS OF CORE REQUIREMENTS</b>	<b>56-61</b>

MAJOR CORE 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 340, Biochemistry II	
<input type="checkbox"/> CHE 342L, Laboratory Techniques in Biochemistry	
<input type="checkbox"/> CHE 385, Quantitative Analysis	
<input type="checkbox"/> CHE 385L, Quantitative Analysis Lab	
<input type="checkbox"/> CHE 411, Senior Research Experience I	
<input type="checkbox"/> CHE 412, Senior Research Experience 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>10</b>
<input type="checkbox"/> PHY 141, Introduction to Measurement I	
<input type="checkbox"/> PHY 141L, Introduction to Measurement I Lab	
<input type="checkbox"/> PHY 142, General Physics	
<input type="checkbox"/> PHY 142L, Introduction to Measurement II Lab	
<b>MATHEMATICS</b>	<b>8</b>
<input type="checkbox"/> MAT 151, Calculus Analytic Geometry I	
<input type="checkbox"/> MAT 152, Calculus Analytic Geometry II	
<b>EXPERIENTIAL LEARNING</b>	<b>3</b>
<input checked="" type="checkbox"/> CHE 411, Senior Research Experience I *	
<input checked="" type="checkbox"/> 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 2021 Core column on the Schedule of Classes for core options