

# BACHELOR OF ARTS

## BIOLOGY



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 type="checkbox"/> <i>FULFILLED WITHIN THE MAJOR REQUIREMENTS</i>	
<b>NATURAL SCIENCE LECTURE (NSB, NSC, NSP, EXS150, BIO, CHE, PHY)</b>	<b>3/4</b>
<input type="checkbox"/> <i>FULFILLED WITHIN THE MAJOR REQUIREMENTS</i>	
<b>NATURAL SCIENCE LAB (NSB, NSC, NSP, EXS150, BIO, CHE, PHY)</b>	<b>0/1</b>
<input type="checkbox"/> <i>FULFILLED WITHIN THE MAJOR REQUIREMENTS</i>	
<b>PHILOSOPHY</b>	<b>4</b>
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
<b>SOCIAL SCIENCE (CRJ, 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>BIOLOGY</b>	<b>22</b>
<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 103, Biology Career Exploration	
<input type="checkbox"/> BIO 204, Evolution Seminar	
<input type="checkbox"/> BIO 205, Biological Literature	
<input type="checkbox"/> BIO 206/ 206L, Genetics and Lab	
<input type="checkbox"/> BIO 489, Biology Seminar	
<b>BIOLOGY ELECTIVES (4 electives, 1 from each category and 1 from any)</b>	<b>16</b>
<b>Cellular and Molecular Biology (A)</b>	
<input type="checkbox"/> BIO 317/ 317L, Molecular Genetics and Lab	
<input type="checkbox"/> BIO 319/ 319L, Cell Biology and Lab	
<input type="checkbox"/> BIO 326/ 326L, Immunology and Lab	
<input type="checkbox"/> BIO 330/ 330L, Biochemistry and Lab	
<input type="checkbox"/> BIO 341/ 341L, Developmental Biology and Lab	
<input type="checkbox"/> BIO 355/ 355L, Virology and Lab	
<input type="checkbox"/> BIO 333/ 333L, Bioinformatics* (can't be your only "A")	
<b>Organismic Biology (B)</b>	
<input type="checkbox"/> BIO 211/ 211L, Anatomy and Physiology I and Lab	
<input type="checkbox"/> BIO 212/ 212L, Anatomy and Physiology II and Lab	
<input type="checkbox"/> BIO 301/ 301L, Comparative Anatomy and Lab	
<input type="checkbox"/> BIO 304/ 304L, Physiology and Lab	
<input type="checkbox"/> BIO 305 305L, Microbiology and Lab	
<input type="checkbox"/> BIO 315/ 315L, Invertebrate Zoology and Lab	
<input type="checkbox"/> BIO 329/ 329L, Botany and Lab	
<b>Environmental and Evolutionary Biology (C)</b>	
<input type="checkbox"/> BIO 308/ 308L, Field Biology and Lab	
<input type="checkbox"/> BIO 309/309L, Aquatic Biology and Lab	
<input type="checkbox"/> BIO 311/311L, Marine Biology and Lab	
<input type="checkbox"/> BIO 318/ 318L, Ecology and Lab	
<input type="checkbox"/> BIO 325/ 325L, Animal Behavior and Lab	
<input type="checkbox"/> BIO 328/ 328L, Vertebrate Biology	
<b>CHEMISTRY</b>	<b>8</b>
<input type="checkbox"/> CHE 111/ 111L, General Chemistry I and Lab	
<input type="checkbox"/> CHE 113/ 113L, General Chemistry II and Lab	
<b>ORGANIC CHEMISTRY/ PHYSICS</b>	<b>8</b>
<input type="checkbox"/> CHE 220/ 220L, Organic Chemistry I and Lab	
<input type="checkbox"/> CHE 240/ 240L, Organic Chemistry II and Lab	
<b>OR</b>	
<input type="checkbox"/> PHY 121/ 121L, Elements of Physics I	
<input type="checkbox"/> PHY 122/ 122L, Elements of Physics II	
<b>MATHEMATICS</b>	<b>3</b>
<input type="checkbox"/> MAT 205, Introductory Statistics	
<b>COMPUTER INFORMATION SYSTEMS</b>	<b>3</b>
<input type="checkbox"/> CIS 111, Introduction to Computer Information Systems	
<b>EXPERIENTIAL LEARNING</b>	<b>3</b>
<input checked="" type="checkbox"/> BIO 489, Biology Seminar	

**TOTAL HOURS OF BIOLOGY CORE** **60**

**TOTAL HOURS REQUIRED FOR DEGREE** **120**

\*To check pre-requisites and co-requisites, please see the catalog\*  
Last Updated: Summer 2025