

BACHELOR OF ARTS BIOLOGY



THOMAS MORE
UNIVERSITY

2021–2022 Degree Requirements Checklist

CORE CURRICULUM REQUIREMENTS*	CREDIT HOURS
FIRST YEAR SEMINAR	1
<input type="checkbox"/> FYE150, First Year Exploration	
ENGLISH	6
<input type="checkbox"/> ENG 150, Literature, Writing and Research	
<input type="checkbox"/> ENG 200+: _____	
MATHEMATICS	3
<input checked="" type="checkbox"/> Fulfilled within the major requirements	
SOCIAL SCIENCE	6
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
COMMUNICATION	3
<input type="checkbox"/> _____	
HISTORY	6
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
FOREIGN LANGUAGE (two semesters in same language)	3-6
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
NATURAL SCIENCE	6-7
<input checked="" type="checkbox"/> Fulfilled within the major requirements	
<input checked="" type="checkbox"/> Fulfilled within the major requirements	
PHILOSOPHY	6
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
FINE ARTS (Art, Music, Theatre or Creative Writing courses)	5-6
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
THEOLOGY	6
<input type="checkbox"/> Systematic Theology course: _____	
<input type="checkbox"/> Sacred Scripture course: _____	
SENIOR THEOLOGY	3
<input type="checkbox"/> _____	
TOTAL HOURS OF CORE REQUIREMENTS	56-61

MAJOR CORE REQUIREMENTS	CREDIT HOURS
BIOLOGY CORE	21
<input type="checkbox"/> BIO 101 / BIO 101L, General Biology I & Lab	
<input type="checkbox"/> BIO 102 / BIO 102L, General Biology II & Lab	
<input type="checkbox"/> BIO 204, Evolution Seminar	
<input type="checkbox"/> BIO 205, Biological Literature	
<input type="checkbox"/> BIO 206 / BIO 206L, Genetics & Lab	
<input type="checkbox"/> BIO 489, Biology Seminar	
BIOLOGY ELECTIVES	16
<i>Four 4-hour electives (300-level or above) other than BIO 400 or BIO 489 with at least one chosen from each of the following three categories:</i>	
<u>Cellular and Molecular Biology</u>	
<input type="checkbox"/> BIO 317 / BIO 317L, Developmental Biology & Lab	
<input type="checkbox"/> BIO 319 / BIO 319L, Cell Biology & Lab	
<input type="checkbox"/> BIO 326 / BIO 326L, Immunology & Lab	
<input type="checkbox"/> BIO 330 / BIO 330L, Biochemistry & Lab	
<input type="checkbox"/> BIO 341 / BIO 341L, Molecular Genetics & Lab	
<u>Organismic Biology</u>	
<input type="checkbox"/> BIO 211 / BIO 211L, Anatomy and Physiology I & Lab & BIO 212 / BIO 212 L, Anatomy and Physiology II & Lab	
<input type="checkbox"/> BIO 301 / BIO 301L, Comparative Anatomy & Lab	
<input type="checkbox"/> BIO 304 / BIO 304L, Physiology & Lab	
<input type="checkbox"/> BIO 305 / BIO 305L, Microbiology & Lab	
<input type="checkbox"/> BIO 315 / BIO 315L, Invertebrate Zoology & Lab	
<input type="checkbox"/> BIO 329 / BIO 329L, Botany & Lab	
<input type="checkbox"/> BIO 340 / BIO 340L, Vertebrate Histology & Lab	
<u>Ecological Biology</u>	
<input type="checkbox"/> BIO 308 / BIO 308L, Aquatic Biology & Lab	
<input type="checkbox"/> BIO 309 / BIO 309L, Field Biology & Lab	
<input type="checkbox"/> BIO 311 / BIO 311L, Marine Biology & Lab	
<input type="checkbox"/> BIO 318 / BIO 318L, Ecology & Lab	
<input type="checkbox"/> BIO 325 / BIO 325L, Animal Behavior & Lab	
<input type="checkbox"/> BIO 328 / BIO 328L, Vertebrate Biology & Lab	
CHEMISTRY / PHYSICS	16
<input type="checkbox"/> CHE 111 / CHE 111L, General Chemistry I & Lab	
<input type="checkbox"/> CHE 113 / CHE 113L, General Chemistry II & Lab	
<input type="checkbox"/> PHY 121 / PHY 121L, Elements of Physics I & Lab and PHY 122 / PHY 122L, Elements of Physics II & Lab	
–OR–	
CHE 220 / CHE 220L, Organic Chemistry I & Lab and CHE 240 / CHE 240L, Organic Chemistry II & Lab**	
MATHEMATICS	3
<input type="checkbox"/> MAT 205, Introductory Statistics	
COMPUTER LITERACY	3
<input type="checkbox"/> CIS 111, Introduction to Computer Information Systems	
EXPERIENTIAL LEARNING	3
<input checked="" type="checkbox"/> BIO 489, Biology Seminar *	
TOTAL HOURS OF BIOLOGY CORE	59
TOTAL HOURS REQUIRED FOR ANY BACHELOR EGREE	
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

**Students must complete 8 hours of Organic Chemistry and/or Physics. Physics requires MAT115 or higher.

Please note: No one earning a BS in Biology may graduate with more than one “C-” in an Biology (BIO) course required for their major.

BACHELOR OF SCIENCE BIOLOGY



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<input type="checkbox"/> CHE 220 / CHE 220L, Organic Chemistry I & Lab	
<input type="checkbox"/> CHE 240 / CHE 240L, Organic Chemistry II & Lab	
MATHEMATICS	7
<input type="checkbox"/> MAT 143, Elements of Calculus	
<input type="checkbox"/> MAT 205, Introductory Statistics	
PHYSICS	8
<input type="checkbox"/> PHY 121 / PHY 121L, Elements of Physics I & Lab	
<input type="checkbox"/> PHY 122 / PHY 122L, Elements of Physics II & Lab	
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