

BACHELOR OF ARTS BIOLOGY



Approved Sample Curriculum

(NOTE: taking CHE 111/113 in Year 1)

The curriculum in Biology, formulated according to both classical and contemporary biological concepts, prepares the student for continuing intellectual growth and professional development in the life sciences. The major program in Biology meets the requirements for most graduate programs in biology.

*Please Note: Advisors will evaluate and suggest if placement in chemistry in the first year is more advantageous to the student based on a variety of factors, including the student's high school background.

First Year

Fall	CR	Spring	CR
FYE150 First-Year Seminar	1	Social Science Core	3
BIO101/101L General Biology I	4	BIO102/102L General Biology II	4
CHE111/111L General Chemistry I	4	CHE113/113L General Chemistry II	4
ENG150 Literature, Writing and Research	3	History Core	3
CIS 111 Computer Information Systems	3	MAT115 Pre-calculus (if taking Physics later)	0-3
Subtotal		15	Subtotal 14-17

Second Year

Fall	CR	Spring	CR
BIO205 Biological Literature	3	BIO206/206L Genetics	4
BIO204 Evolution Seminar	3	MAT205 Introductory Statistics	3
CHE220/220L Organic Chemistry I <u>OR</u> PHY121/121L Elements of Physics I *	4	CHE240/240L Organic Chemistry II <u>OR</u> PHY122/122L Elements of Physics II	4
Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4	Fine Arts Core	3
Subtotal		13-14	Subtotal 14

Third Year

Fall	CR	Spring	CR
BIO3XX Biology Elective	4	BIO3XX Biology Elective	4
Foreign Language	3	Theology Core	3
Philosophy Core #1	3	COM105 Fundamentals of Public Speaking	3
Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4	Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4
		Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4
Subtotal		13-14	Subtotal 16-18

Fourth Year

Fall	CR	Spring	CR
BIO3XX Biology Elective	4	BIO489 Biology Seminar	3
Theology Core	3	BIO3XX Biology Elective	4
ENG 200+ Core	3	Philosophy Core #2	1
Elective or BIO Concentration Course	3-4	Elective or BIO Concentration Course	3-4
Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4	Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4
Subtotal		16-18	Subtotal 14-16

Total Credits: 120 - 129

*Students must complete 8 hours of Organic Chemistry and/or Physics. Physics requires a pre-requisite of MAT115.

Please note: No student earning a BA in Biology may graduate with more than one letter grade lower than a "C" in a Biology (BIO) course that is required for the major. (i.e., only one grade "C-" or lower)

Updated: Spring 2024

BACHELOR OF ARTS BIOLOGY



THOMAS MORE
UNIVERSITY

Approved Sample Curriculum

(NOTE: taking CHE 111/113 in Year 2)

The curriculum in Biology, formulated according to both classical and contemporary biological concepts, prepares the student for continuing intellectual growth and professional development in the life sciences. The major program in Biology meets the requirements for most graduate programs in biology.

*Please Note: Advisors will evaluate and suggest if placement in chemistry in the first year is more advantageous to the student based on a variety of factors, including the student's high school background.

First Year

Fall	CR	Spring	CR
FYE150 First-Year Experience	1	CHE 101 Introduction to Chemistry	3
BIO101/101L General Biology I	4	BIO102/102L General Biology II	4
Social Science Core	3	Foreign Language	3
ENG150 Literature, Writing and Research	3	History Core	3
CIS 111 Computer Information Systems	3	MAT115 Pre-calculus (if taking Physics later)	0-3
Subtotal	14	Subtotal	13-16

Second Year

Fall	CR	Spring	CR
BIO205 Biological Literature	3	BIO206/206L Genetics	4
BIO204 Evolution Seminar	3	MAT205 Introductory Statistics	3
CHE111/111L General Chemistry I	4	CHE 113/113L General Chemistry II	4
COM105 Fundamentals of Public Speaking	3	Philosophy Core #1	1
Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4	Fine Art Core	3
Subtotal	16-17	Subtotal	15

Third Year

Fall	CR	Spring	CR
BIO3XX Biology Elective	4	BIO3XX Biology Elective	4
CHE220/220L Organic Chemistry I OR PHY121/121L Elements of Physics I *	4	CHE240/240L Organic Chemistry II OR PHY122/122L Elements of Physics II *	4
ENG 200+ Core	3	Theology Core	3
Outer Core Elective (Minor, Second Major, or Outer core sequence)	3	Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4
Subtotal	14	Subtotal	14 - 15

Fourth Year

Fall	CR	Spring	CR
BIO3XX Biology Elective	4	BIO489 Biology Seminar	3
Theology Core	3	BIO3XX Biology Elective	4
Elective or BIO Concentration Course	3-4	Elective or BIO Concentration Course	3-4
Philosophy Core #2	3	Outer Core Elective (Minor, Second Major, or Outer core sequence)	3
Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4	Outer Core Elective (Minor, Second Major, or Outer core sequence)	3-4
Subtotal	16 - 18	Subtotal	16 - 18

Total Credits: 120 - 127

*Students must complete 8 hours of Organic Chemistry and/or Physics. Physics requires a pre-requisite of MAT115.

Please note: No student earning a BA in Biology may graduate with more than one letter grade lower than a "C" in a Biology (BIO) course that is required for the major. (i.e., only one grade "C-" or lower)

Updated: Spring 2024