



BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCE

(Minimum 120 credit hours required)

NAME _____

DATE ____/____/____

RELIGION CORE

DEVELOPING BIBLICAL FAITH/LIFESTYLE

- BIBL-110 Message of the New Testament (3)
BIBL-111 Message of the Old Testament (3)
THEO-230 Intro. to Theology (3)
THEO-231 Intro. to Christian Ethics (3)
Christian Service (80 clock hours)*

*Christian Service is not a course; the credit are earned by a combination of class, group, and individual service learning experiences.

SUBTOTAL (12 hours) _____

LEE UNIVERSITY FRESHMAN EXPERIENCE

- LEEU-101 Freshman Seminar: Gateway (1) (Fall)
LEEU-102A Global Perspectives Seminar (1) (Spring)
LEEU-102B Foundations of Benevolence (1) (Spring)

SUBTOTAL (3 hours) _____

GENERAL EDUCATION CORE

ACQUIRING FUNDAMENTAL ACADEMIC SKILLS

- ENGL-105 (4) and ENGL-110 (3)
OR ENGL-106 (3) and ENGL-110 (3)
OR ENGL-110 (3) [Depends on placement]

EXPLORING THE HUMANITIES

- HUMN- 201 Foundations of Western Culture (3)

Two of the following (6)

- HUMN- 202 Rise of Europe (3)
HUMN-301 Foundations of Modern World (3)
HUMN-302 Modern Western Culture (3)
HIST-221 / 222 Western Civilization I, II (3) (3)
ENGL-221 Western Lit: Ancient to Renaissance (3)
ENGL-222 Western Lit: Enlightenment to Postmodern (3)

One of the following (3)

- ARTS-244 / 245 Art History I, II (3) (3)
MUHL-211 Music in Culture (3)
PHIL-241 Introduction to Philosophy (3)
THEA 201 Theatre in Culture (3)

UNDERSTANDING CONTEMPORARY SOCIETY

- HIST-212 Recent American History (3)
OR
PLSC-250 American Government (3)

Two of the following (6)

- PSYC-200 Understanding Human Behavior (3)
SOCI-200 Understanding Contemporary Society (3)
ECON-200 Understanding Economic Issues (3)

SEEKING A GLOBAL PERSPECTIVE

- GNST-250-253 Cross Cultural Experience (1-3)
LING-201 Intro Language and Culture (3)

SUBTOTAL (28/34 hours) _____

SPECIALTY AREA*

- BIOL-109 Principles of Biology I (4)
BIOL-110 Principles of Biology II (4)
BIOL-242 Genetics (4)
BIOL-303 Cell Biology (3)
BIOL-394 Ecology (3)
BIOL-403 Molecular Biology (3)
BIOL-404 Cell and Molecular Biology Lab (2)
BIOL-451 Evolutionary Biology (4)
BIOL-490 Senior Seminar (1)

Biology Electives (12)

Select course offerings in Biology at the 300 level or above [BIOL-495 does not count]

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Elective courses may be taken through the Au Sable Institute of Environmental Studies, and a current list of Au Sable courses is available at www.ausable.org

SUBTOTAL (40 hours) _____

COLLATERAL REQUIREMENTS*

- BIOL-495 Science and Scripture (3)
MATH-161 Intro to Statistics (3)

OR

- MATH-271 Calculus I (4)
CHEM-111 General Chemistry I (4)
CHEM-112 General Chemistry II (4)
CHEM-281 Organic Chemistry (3)
CHEM-322 Biochemistry II (3)

SUBTOTAL (20/21 hours) _____

GENERAL ELECTIVES

PHYS-281-282, CHEM-282, and CHEM-289 are strongly recommended for students interested in graduate studies.

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SUBTOTAL (10/17 hours) _____

ACADEMIC ASSESSMENT

- FMPT-BIO Freshman Major Pre-Test: Biology (0)
GNST- 400 Academic Assessment (0)
SMFT-BIO Major Field Test: Biology (0)

* A grade of C- or better is required to fulfill the Specialty Area and Collateral Requirements in this major.

SUGGESTED FOUR YEAR SEQUENCE OF STUDY FOR BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCE

(The two-hour Christian Service requirement is not listed, but is spread throughout the four years.)

FRESHMAN YEAR

Course	Hours
LEEU-101, 102A, 102B.....	3
College Writing/Workshop	3/4
Rhetoric and Research	3
General Chemistry I and II	8
Principles of Biology I and II.....	8
Message of New and Old Testament.....	6
Total	31/32

SOPHOMORE YEAR

Course	Hours
Intro. to Theology	3
Intro. to Christian Ethics.....	3
Genetics.....	4
Intro to Statistics OR Calculus	3/4
Foundations of Western Culture	3
Humanities Option	3
Language and Culture	3
US History/Government Option.....	3
Organic Chemistry	3
Total	28/29

JUNIOR YEAR

Course	Hours
Cell Biology	3
Biology Electives.....	9
Molecular Biology.....	3
Cell and Molecular Biology Lab	2
Humanities Options.....	6
Cross-Cultural Experience	1/3
Ecology	3
Biochemistry II	3
Total	30/32

SENIOR YEAR

Course	Hours
Senior Seminar	1
Science and Scripture (Capstone)	3
Evolutionary Biology	4
Contemporary Society Options 1 & 2.....	6
Biology Electives.....	3
General Electives.....	13/14
Total	30/31