



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 I (100 – 200 level courses)*

- BIOL-109 Principles of Biology I (4) ()
- BIOL-110 Principles of Biology II (4) ()
- BIOL-242 Genetics (4). ()
- CHEM-111 General Chemistry I (4). ()
- CHEM-112 General Chemistry II (4) ()
- CHEM-281 Organic Chemistry (3)..... ()
- MATH-161 Intro to Statistics (3) **OR**
- MATH-271 Calculus I (4) ()

SUBTOTAL (26/27 hours) _____

SPECIALTY AREA II (300 – 400 level courses)*

A minimum of 12 credit hrs of Specialty Area II courses must be taken at Lee University.

- 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)..... ()
- BIOL-495 Science and Scripture (3) ()

Biology Electives (12)

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

- _____ ()
- _____ ()
- _____ ()
- _____ ()

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

- CHEM-322 Biochemistry II (3)..... ()

SUBTOTAL (34 hours) _____

GENERAL ELECTIVES

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

- _____ ()
- _____ ()
- _____ ()
- _____ ()

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 higher is required to fulfill the Specialty Area I and II 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