



BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCE, ECOLOGY / ENVIRONMENTAL EMPHASIS

(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)

FRESHMAN / SOPHOMORE EXPERIENCE

- LEEU-101 Freshman Seminar: Gateway (1) (1st Fall) ()
- LEEU-102 Global Perspectives Seminar (1) (1st Spring) ... ()
- LEEU-202 Foundations of Benevolence (1) (2nd Fall) ()

SUBTOTAL (3 hours)

GENERAL EDUCATION CORE

ACQUIRING FUNDAMENTAL ACADEMIC SKILLS

- 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-201 Art in Culture (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 (28/33 hours)

SPECIALTY AREA I (100 – 200 level courses)*

- BIOS-161 Principles of Biology I (4) ()
- BIOS-162 Principles of Biology II (4) ()
- BIOS-261 Genetics (4)..... ()
- CHYS-161 General Chemistry I (4)..... ()
- CHYS-162 General Chemistry II (4)..... ()
- CHYS-261 Organic Chemistry I (3)..... ()
- MTHS-135 Intro to Statistics (3) **OR**
- MTHS-261 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.

- BIOS-361 Cell Biology (3)..... ()
- BIOS-362 Ecology (4)..... ()
- BIOS-365 Ecological Methods (2)..... ()
- BIOS-364 Animal Behavior (4)..... ()
- BIOS-462 Evolutionary Biology (4)..... ()
- BIOS-490 Senior Seminar (1)..... ()
- BIOS-495 Science and Scripture (3)..... ()

Two 4-hr courses taken through the Au Sable Institute of Environmental Studies. A current list of Au Sable courses is available at www.ausable.org. Financial aid is available from Au Sable. (8)

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Biology Electives (5)

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

Recommended classes include BIOS-363 Comparative Vertebrate Anatomy, BIOS-35X Australian Biodiversity and Biogeography, BIOS-383 Internship, and BIOS-390 Intro to Research.

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SUBTOTAL (34 hours)

GENERAL ELECTIVES

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SUBTOTAL (11/17 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, ECOLOGY / ENVIRONMENTAL EMPHASIS

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

FRESHMAN YEAR

<u>Course</u>	<u>Hours</u>
LEEU-101, 102.....	2
College Writing.....	3
Rhetoric and Research	3
General Chemistry I and II	8
Principles of Biology I and II.....	8
Message of New and Old Testament	<u>6</u>
 Total	 30

JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
US History/Government Option.....	3
Humanities Options.....	6
Cross-Cultural Experience	1/3
Biology Electives.....	3
Ecological Methods	2
Animal Behavior.....	4
General Electives.....	<u>9</u>
 Total	 28/30

SOPHOMORE YEAR

<u>Course</u>	<u>Hours</u>
LEEU-202 Benevolence.....	1
Intro. to Theology	3
Intro. to Christian Ethics	3
Genetics.....	4
Intro to Statistics or Calculus I.....	3/4
Foundations of Western Culture.....	3
Language and Culture.....	3
Organic Chemistry I	3
Cell Biology	3
Ecology	<u>4</u>
 Total	 30/31

SENIOR YEAR

<u>Course</u>	<u>Hours</u>
Senior Seminar	1
Science and Scripture (Capstone)	3
Evolutionary Biology.....	4
Biology Electives	3
Humanities Option.....	3
Contemporary Society Option 1 and 2	6
General Electives	<u>6</u>
 Total	 26

Summer

2 Au Sable Courses	8
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