



BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCE

(130 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)..... ()
- RELG-200 Bibl/Theo Foundations for Benevolence (1) ()
- Christian Service (2)* ()

SUBTOTAL (15 hours) _____

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

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]

CISS-100 Computer Literacy (2)..... ()

GNST-101 Freshman Seminar: Gateway (2)..... ()

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)..... ()

THEA-331 / 332 Survey of Drama Literature I, II (3) (3)

MUHL-211 Music in Culture (3)

PHIL-241 Introduction to Philosophy (3)

UNDERSTANDING CONTEMPORARY SOCIETY

HIST-212 Recent American History & Government (3)

OR

POLS-200 Understanding Contemporary Politics (3)... ()

Two of the following (6)

PSYC-200 Understanding Human Behavior (3)..... () ()

SOCI-200 Understanding Contemporary Society (3)

ECON-200 Understanding Economic Issues (3)

RESPECTING THE NATURAL WORLD

PHED-100 Healthy & Effective Lifestyles (1) ()

SEEKING A GLOBAL PERSPECTIVE

ANTH-200 Global Perspectives Seminar (1)..... ()

GNST-250-253 Cross Cultural Experience (1-3)..... ()

LING-201 Intro Language and Culture (3)..... ()

SUBTOTAL (34/40 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 (4) ()

BIOL-451 Evolutionary Biology (4) ()

BIOL-490 Senior Seminar (1)..... ()

Biology Electives (13)

(Select course offerings in Biology at the 300 level or above)

_____ ()

_____ ()

_____ ()

_____ ()

SUBTOTAL (40 hours) _____

COLLATERAL REQUIREMENTS*

BIOL-495 Science and Scripture (3) ()

MATH-144 Precalculus (4) ** ()

MATH-261 Elementary Probability & Statistics (4)

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 (25/27 hours) _____

** MATH-111 and 112 may substitute for MATH-144

GENERAL ELECTIVES

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

_____ ()

_____ ()

_____ ()

_____ ()

_____ ()

SUBTOTAL (8/16 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
College Writing/ Workshop	3/4
Rhetoric and Research	3
General Chemistry	8
Principles of Biology I.....	4
Principles of Biology II.....	4
Message of New and Old Testament.....	6
Freshman Seminar: Gateway	2
Contemporary Society Option 1	3
Total	33/34

JUNIOR YEAR

Course	Hours
Cell Biology	3
Biology Electives.....	9
Molecular Biology.....	4
Humanities Options.....	6
Global Perspectives Seminar.....	1
Cross-Cultural Experience	1/3
Ecology	3
Contemporary Society Option 2.....	3
Biochemistry II	3
Total	33/35

SOPHOMORE YEAR

Course	Hours
Bib/Theo Foundations of Benevolence	1
Intro. to Theology	3
Intro. to Christian Ethics.....	3
Genetics.....	4
*Precalculus.....	4
Calculus OR Elementary Probability & Stats	4
Foundations of Western Culture	3
Humanities Option	3
Language and Culture	3
Computer Literacy.....	2
US History/Politics Option.....	3
Organic Chemistry	3
Total	36

SENIOR YEAR

Course	Hours
Senior Seminar	1
Science and Scripture (Capstone)	3
Evolutionary Biology	4
General Electives.....	8/16
Healthy Lifestyles	1
Biology Electives.....	4
Total	21/29

* MATH-111 and 112 may substitute for MATH-144