



BACHELOR OF SCIENCE IN MATHEMATICS,
ACTUARIAL SCIENCE 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 hours 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)

One of the following (3)

- PSYC-200 Understanding Human Behavior (3)
SOC1 -200 Understanding Contemporary Society (3)

RESPECTING THE NATURAL WORLD

- LAB SCIENCE: Choose one (1) course along with the corresponding lab: BIOL-103, 104, 108, CHEM-110, PHYS-281, ASTR-111(4)

SEEKING A GLOBAL PERSPECTIVE

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

SUBTOTAL (29/35 hours) _____

ACADEMIC ASSESSMENT

- GNST-400 Academic Assessment (0)
SMFT-MAT Major Field Test: Mathematics (0)

SPECIALTY AREA*

- MATH-161 Intro to Statistics (3)
MATH-271 Calculus I (4)
MATH-272 Calculus II (4)
MATH-273 Calculus III (4)
MATH-310 Logic and Sets (3)
MATH-351 Linear Algebra (3)
MATH-361 Mathematical Probability (3)
MATH-423 Financial Mathematics (4)
MATH-495 Mathematics in Faith & Practice (3)

Mathematics Electives (3 hours)

Select course offerings in Mathematics at the 300-level or above

_____ ()
_____ ()

SUBTOTAL (34 hours) _____

COLLATERAL REQUIREMENTS*

- ACCT-241 Principles of Accounting I (3)
ACCT-242 Principles of Accounting II (3)
BUSN-307 Business Finance (3)
BUSN-345 Management Science (3)
ECON-311 Macroeconomics (3)
ECON-312 Microeconomics (3)

SUBTOTAL (18 hours) _____

GENERAL ELECTIVES or MINOR

_____ ()
_____ ()
_____ ()
_____ ()
_____ ()
_____ ()

SUBTOTAL (18/24 hours) _____

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

SUGGESTED FOUR YEAR SEQUENCE OF STUDY FOR BACHELOR OF SCIENCE IN MATHEMATICS, ACTUARIAL SCIENCE EMPHASIS

(The 80-clock-hour Christian Service requirement is not listed, but is spread throughout the four years.)

FRESHMAN YEAR

<u>Course</u>	<u>Hours</u>
LEEU-101, 102A, 102B	3
College Writing/ Workshop	3/4
Rhetoric and Research	3
Calculus I and II	8
Message of New and Old Testament	6
Intro to Statistics.....	3
Contemporary Society Option	3
 Total	 29/30

JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
Humanities Options.....	6
Cross-Cultural Experience	1/3
Logic and Sets	3
Business Finance.....	3
Management Science	3
US History / Government Option.....	3
General Electives.....	9
 Total	 28/30

SOPHOMORE YEAR

<u>Course</u>	<u>Hours</u>
Intro. to Theology	3
Intro. to Christian Ethics	3
Calculus III	4
Foundation of Western Culture	3
Humanities Option.....	3
Language and Culture.....	3
Accounting I and II	6
Intro to Linear Algebra.....	3
Lab Science	4
 Total	 32

SENIOR YEAR

<u>Course</u>	<u>Hours</u>
Math Electives.....	3
Mathematics in Faith & Practice (Capstone).....	3
Mathematical Probability	3
Financial Mathematics	4
Macro- and Micro-Economics	6
General Electives.....	12
 Total	 31

Because the sequence above includes some courses that are taught every other year,
the sequence for any individual may be different from the above schedule.