



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, 131, 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 I (100 – 200 level courses)*

- MATH-161 Intro to Statistics (3)
MATH-271 Calculus I (4)
MATH-272 Calculus II (4)
MATH-273 Calculus III (4)
ACCT-241 Principles of Accounting I (3)
ACCT-242 Principles of Accounting II (3)

SUBTOTAL (21 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.

- MATH-310 Logic and Sets (3)
MATH-351 Linear Algebra (3)
MATH-361 Mathematical Probability (3)
MATH-371 Differential Equations (3)
MATH-400 Internship Seminar (1)
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. MATH-401 Internship is recommended as an elective.

_____ ()
_____ ()

- BUSN-307 Business Finance (3)
BUSN-430 Financial Analysis & Valuation (3)
ECON-311 Macroeconomics (3)
ECON-312 Microeconomics (3)

SUBTOTAL (35 hours) _____

GENERAL ELECTIVES

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

SUBTOTAL (14/20 hours) _____

* 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 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 1	3
Total	29/30

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

JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
Humanities Options.....	6
Cross-Cultural Experience	1/3
Logic and Sets	3
Business Finance.....	3
Financial Analysis and Valuation	3
US History / Government Option.....	3
Differential Equations.....	3
Internship Seminar.....	1
General Electives.....	6
Total	29/31

SENIOR YEAR

<u>Course</u>	<u>Hours</u>
Math Electives (Internship recommended)	3
Mathematics in Faith & Practice (Capstone).....	3
Mathematical Probability	3
Financial Mathematics	4
Macro- and Micro-Economics	6
General Electives.....	11
Total	30

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.