



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) \_\_\_\_\_

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)
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)

One of the following (3)

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

RESPECTING THE NATURAL WORLD

- LAB SCIENCE: Choose one (1) course along with the corresponding lab: BIOS-110, 112, 114, CHYS-131, PHYS-261, ASTR-111(4)

SEEKING A GLOBAL PERSPECTIVE

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

SUBTOTAL (29/34 hours) \_\_\_\_\_

ACADEMIC ASSESSMENT

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

SPECIALTY AREA I (100 – 200 level courses)\*

- MTHS-135 Intro to Statistics (3)
MTHS-261 Calculus I (4)
MTHS-262 Calculus II (4)
ACCT-241 Principles of Accounting I (3)
ACCT-242 Principles of Accounting II (3)

SUBTOTAL (17 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.

- MTHS-335 Mathematical Probability (3)
MTHS-340 Internship Seminar (1)
MTHS-350 Logic and Sets (3)
MTHS-361 Calculus III (4)
MTHS-363 Differential Equations (3)
MTHS-371 Linear Algebra (3)
MTHS-445 Financial Mathematics (4)
MTHS-495 Mathematics in Faith & Practice (3)

Mathematics Electives (3 hours)

Select course offerings in Mathematics at the 300-level or above. MTHS-401/02/03/04 Internship is recommended as an elective.

\_\_\_\_\_ ( )
\_\_\_\_\_ ( )

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

SUBTOTAL (39 hours) \_\_\_\_\_

GENERAL ELECTIVES

\_\_\_\_\_ ( )
\_\_\_\_\_ ( )
\_\_\_\_\_ ( )
\_\_\_\_\_ ( )
\_\_\_\_\_ ( )

SUBTOTAL (11/16 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, 102.....	2
College Writing.....	3
Rhetoric and Research.....	3
Calculus I and II.....	8
Message of New and Old Testament.....	6
Intro to Statistics.....	3
Language and Culture.....	3
Contemporary Society Option 1.....	3
Total	31

### SOPHOMORE YEAR

<u>Course</u>	<u>Hours</u>
LEEU-202 Benevolence.....	1
Intro. to Theology.....	3
Intro. to Christian Ethics.....	3
Calculus III.....	4
Foundation of Western Culture.....	3
Humanities Option.....	3
Accounting I and II.....	6
Intro to Linear Algebra.....	3
Lab Science.....	4
Total	30

### 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.....	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.