LEE UNIVERSITY

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)..... ( ) ( )
SOCI -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-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.**

_____ ..... ( )
_____ ..... ( )

SUBTOTAL (38 hours) ..... ___

COLLATERAL REQUIREMENTS*

ACCT-241 Principles of Accounting I (3) ..... ( )
ACCT-242 Principles of Accounting II (3) ..... ( )
BUSN-307 Business Finance (3) ..... ( )
BUSN-430 Financial Analysis & Valuation (3) ..... ( )
ECON-311 Macroeconomics (3) ..... ( )
ECON-312 Microeconomics (3) ..... ( )

SUBTOTAL (18 hours) ..... ___

GENERAL ELECTIVES

_____ ..... ( )
_____ ..... ( )
_____ ..... ( )
_____ ..... ( )
_____ ..... ( )

SUBTOTAL (14/20 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

Course	Hours
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

Course	Hours
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

Course	Hours
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

Course	Hours
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.