



## BACHELOR OF SCIENCE IN MATHEMATICS, 6 – 12 LICENSURE

(Minimum 120 credit hours required)

**This program requires a minimum 2.75 GPA overall, in English Composition, in the Specialty Area Requirements, and in the Professional Education / Professional Semester Requirements.**

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) ..... ( )

**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**

- LAB SCIENCE: Choose one (1) course along with the corresponding lab: BIOL-103,104,108, CHEM-110, PHSC-111-112, ASTR-111 (4) ..... ( )

**SEEKING A GLOBAL PERSPECTIVE**

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

SUBTOTAL (32/38 hours) ..... \_\_\_\_\_

**SPECIALTY AREA\***

- MATH-161 Intro to Statistics (3)..... ( )
- MATH-231 Foundations of Geometry (3) ..... ( )
- MATH-271 Calculus I (4)..... ( )
- MATH-272 Calculus II (4)..... ( )
- MATH-310 Logic and Sets (3)..... ( )
- MATH-351 Introduction to Linear Algebra (3) ..... ( )
- MATH-375 Mathematical Modeling (3)..... ( )
- MATH-495 Mathematics in Faith & Practice (3)..... ( )

MATH ELECTIVES: 9 hours from MATH-273, MATH-451, or other courses 300 level or above) (MATH-495 does not count)

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

SUBTOTAL (35 hours) ..... \_\_\_\_\_

**PROFESSIONAL EDUCATION REQUIREMENTS**

- EDUC-199 Intro to the Teaching Profession (1) ..... ( )
- EDUC-299 Teaching Diverse Learners (1) ..... ( )
- EDUC-315 Foundations of Education (3) **OR**
- EDMG-315 Found. Middle Grades Educ (3) ..... ( )
- PSYC-312 Educational Psychology (3)..... ( )
- SPED-316 Exceptional Child (3)..... ( )
- SCED-340 Prin. Classroom Instr./Secondary (2)..... ( )
- SCED-415 Teaching Math, Grades 6 -12 (2)..... ( )

SUBTOTAL (15 hours) ..... \_\_\_\_\_

**PROFESSIONAL SEMESTER**

- EDUC-498 Student Teaching Seminar (2)..... ( )
- EDUC-496 Student Teaching I (5)..... ( )
- EDUC-497 Student Teaching II (5)..... ( )

SUBTOTAL (12 hours) ..... \_\_\_\_\_

**GENERAL ELECTIVES**

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

SUBTOTAL (5/11 hours) ..... \_\_\_\_\_

**ACADEMIC ASSESSMENT**

- GNST-400 Academic Assessment (0) ..... ( )

**\* 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, 6 – 12 LICENSURE

(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            |
| Message of New & Old Testament .....          | 6            |
| Introduction to the Teaching Profession ..... | 1            |
| Intro to Statistics .....                     | 3            |
| Calculus I and II .....                       | 8            |
| Contemporary Society Option 1 .....           | 3            |
| <b>Total</b>                                  | <b>30/31</b> |

### SOPHOMORE YEAR

| <u>Course</u>                        | <u>Hours</u> |
|--------------------------------------|--------------|
| Intro. to Theology .....             | 3            |
| Intro. to Christian Ethics.....      | 3            |
| Foundations of Western Culture ..... | 3            |
| Humanities Options.....              | 6            |
| Language and Culture .....           | 3            |
| Math Elective .....                  | 3            |
| Geometry .....                       | 3            |
| Lab Science .....                    | 4            |
| Contemporary Society Option 2 .....  | 3            |
| Teaching Diverse Learners.....       | 1            |
| <b>Total</b>                         | <b>32</b>    |

### JUNIOR YEAR

| <u>Course</u>                                      | <u>Hours</u> |
|--|--------------|
| Educational Psychology.....                        | 3            |
| Exceptional Child .....                            | 3            |
| Foundations of Education (or MG Foundations) ..... | 3            |
| Logic and Sets .....                               | 3            |
| Math Electives.....                                | 6            |
| Humanities Option .....                            | 3            |
| Cross-Cultural Experience .....                    | 1/3          |
| US History / Government Option.....                | 3            |
| Intro to Linear Algebra .....                      | 3            |
| Mathematical Modeling.....                         | 3            |
| <b>Total</b>                                       | <b>31/33</b> |

### SENIOR YEAR

#### 1ST SEMESTER

| <u>Course</u>                                    | <u>Hours</u> |
|--|--------------|
| Mathematics in Faith & Practice (Capstone).....  | 3            |
| Principles Classroom Instruction/Secondary ..... | 2            |
| Teaching Math, Grades 6 -12 .....                | 2            |
| General Electives.....                           | 8            |
| <b>Total</b>                                     | <b>15</b>    |

#### SECOND SEMESTER

| <u>Course</u>                  | <u>Hours</u> |
|--------------------------------|--------------|
| Student Teaching Seminar ..... | 2            |
| Student Teaching I.....        | 5            |
| Student Teaching II.....       | 5            |
| <b>Total</b>                   | <b>12</b>    |

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.