



# 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, as well as a grade of C or above in all Professional Education courses.**

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) (1<sup>st</sup> Fall) ..... ( )

LEEU-102 Global Perspectives Seminar (1) (1<sup>st</sup> Spring) ..... ( )

LEEU-202 Foundations of Benevolence (1) (2<sup>nd</sup> 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) (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) ..... ( )

**Two of the following (6)**

PSYC-200 Understanding Human Behavior (3) ..... ( ) ( )

SOCI-200 Understanding Contemporary Society (3)

ECON-200 Understanding Economic Issues (3)

**SEEKING A GLOBAL PERSPECTIVE**

GNST-250-253 Cross Cultural Experience (1-3) ..... ( )

LING-201 Intro Language and Culture (3) ..... ( )

SUBTOTAL (28/33 hours) ..... \_\_\_\_\_

**SPECIALTY AREA\***

MTHS-135 Intro to Statistics (3) ..... ( )

MTHS-221 Foundations of Geometry (3) ..... ( )

MTHS-261 Calculus I (4) ..... ( )

MTHS-262 Calculus II (4) ..... ( )

MTHS-350 Logic and Sets (3) ..... ( )

MTHS-365 Mathematical Modeling (3) ..... ( )

MTHS-371 Introduction to Linear Algebra (3) ..... ( )

MTHS-495 Mathematics in Faith & Practice (3) ..... ( )

PHYS-261 General Physics I (4) ..... ( )

MATH ELECTIVES: 9 hours selected from course offerings in Mathematics at the 300 level or above.

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

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

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

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

**PROFESSIONAL EDUCATION REQUIREMENTS**

EDUC-199 Intro to the Teaching Profession (1) ..... ( )

EDUC-299 Teaching Diverse Learners (2) ..... ( )

EDUC-315 Foundations of Education (3) **OR**

EDMG-315 Found. Middle Grades Educ (3) ..... ( )

EDUC-330 Assessing Educational Developmnt (3) ..... ( )

SPED-316 Exceptional Child (3) ..... ( )

SCED-340 Prin. Classroom Instr./Secondary (2) ..... ( )

SCED-415 Teaching Math, Grades 6 -12 (2)<sup>F</sup> ..... ( )

SCED-415L Methods Lab (1)<sup>F</sup> ..... ( )

F Offered Fall semester only

SUBTOTAL (17 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 (5/10 hours) ..... \_\_\_\_\_

**ACADEMIC ASSESSMENT**

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

**\* Department policy requires a grade of C or above to fulfill the Specialty Area requirements.**

## 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, 102.....	2
College Writing.....	3
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
Language and Culture.....	3
Total	32

### SOPHOMORE YEAR

<u>Course</u>	<u>Hours</u>
LEEU-202 Benevolence.....	1
Intro. to Theology .....	3
Intro. to Christian Ethics.....	3
Foundations of Western Culture.....	3
Humanities Options.....	6
Math Elective.....	3
Geometry .....	3
General Physics I.....	4
Contemporary Society Option 2 .....	3
Teaching Diverse Learners .....	2
Total	31

### JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
Assessing Educational Development.....	3
Exceptional Child .....	3
Foundations of Education (or MG Foundations).....	3
Principles Classroom Instruction/Secondary.....	2
Logic and Sets .....	3
Math Electives.....	6
Humanities Option.....	3
Cross-Cultural Experience .....	1/3
Intro to Linear Algebra.....	3
Mathematical Modeling .....	3
Total	30/32

### SENIOR YEAR 1ST SEMESTER (fall)

<u>Course</u>	<u>Hours</u>
Mathematics in Faith & Practice (Capstone).....	3
US History / Government Option.....	3
Teaching Math, Grades 6 -12 and Lab.....	3
General Electives .....	7
Total	16

### SENIOR YEAR 2ND SEMESTER (spring)

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

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.