



BACHELOR OF SCIENCE IN MATHEMATICS
(Teacher Licensure, Grades 7-12)
 (130 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) ()
- RELG-200 Bib/Theo Foundations for Benevolence (1) ()
- Christian Service (2)* ()

SUBTOTAL (15 hours) _____

*Christian Service is not a course; the credit hours are earned by a combination of class, group, and individual service learning experiences.

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]

- CISS-100 Computer Literacy (2)..... ()
- GNST-101 Freshman Seminar: Gateway (2) ()

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
- POLS-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 ()
- PHED-100 Healthy & Effective Lifestyles (1) ()

SEEKING A GLOBAL PERSPECTIVE

- ANTH-200 Global Perspectives Seminar (1)..... ()
- GNST-250-253 Cross Cultural Experience (1-3)..... ()
- LING-201 Intro Language and Culture (3) ()

SUBTOTAL (38/44 hours) _____

SPECIALTY AREA*

- MATH-231 Foundations of Geometry (3)..... ()
- MATH-241 Computer Applications (3) ()
- MATH-261 Elementary Probability & Statistics (4)..... ()
- MATH-271 Calculus I (4)..... ()
- MATH-272 Calculus II (4)..... ()
- MATH-310 Logic and Sets (3)..... ()
- MATH-351 Introduction to Linear Algebra (3) ()
- MATH-490 Senior Seminar (1)..... ()

MATH ELECTIVES: 12 hours from MATH-273, MATH-451, or other courses 300 level or above)

- _____ ()
- _____ ()
- _____ ()
- _____ ()

SUBTOTAL (37 hours)..... _____

COLLATERAL REQUIREMENTS*

- EDUC-495 Faith and Learning (Capstone) (3)..... ()

SUBTOTAL (3 hours)..... _____

PROFESSIONAL EDUCATION REQUIREMENTS

- EDUC-199 Intro to the Teaching Profession (1) ()
- EDUC-299 Teaching Diverse Learners (1) ()
- EDUC-315 Foundations of Education (3) ()
- PSYC-312 Educational Psychology (3)..... ()
- SPEL-316 Exceptional Child (3) ()
- SCED-415 Teaching Math, Grades 7-12 (2)..... ()
- SCED-419 General Secondary Methods (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 (4 /10 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 (Teacher Licensure in Grades 7-12)

(The two-hour Christian Service requirement is not listed, but is spread throughout the four years.)

FRESHMAN YEAR

<u>Course</u>	<u>Hours</u>
College Writing/ Workshop	3/4
Rhetoric and Research	3
Message of New & Old Testament	6
Introduction to the Teaching Profession	1
U S History/Government Option.....	3
Freshman Seminar: Gateway.	2
Calculus I and II	8
Contemporary Society Option 1	3
Healthy Lifestyles	1
General Electives	2
Computer Literacy.....	2
 Total	 <u>34/35</u>

SOPHOMORE YEAR

<u>Course</u>	<u>Hours</u>
Bib/Theo Foundations of Benevolence	1
Intro. to Theology	3
Intro. to Christian Ethics.....	3
Foundations of Western Culture	3
Humanities Options.....	6
Language and Culture	3
Math Electives.....	4
Geometry	3
Lab Science	4
Contemporary Society Option 2	3
Teaching Diverse Learners	1
General Electives	1
 Total	 <u>35</u>

JUNIOR YEAR

<u>Course</u>	<u>Hours</u>
Educational Psychology.....	3
Exceptional Child	3
Foundations of Education	3
Logic and Sets	3
Elementary Probability & Statistics	4
Math Electives.....	6
Humanities Option	3
Global Perspectives Seminar.....	1
Cross-Cultural Experience	1/3
Computer Applications.....	3
General Electives.....	3
 Total	 <u>33/35</u>

SENIOR YEAR 1ST SEMESTER

<u>Course</u>	<u>Hours</u>
Senior Seminar	1
General Secondary Methods	2
Teaching Math, Grades 7-12	2
Intro to Linear Algebra	3
Math Elective	3
Faith and Learning (Capstone)	3
General Electives.....	3
 Total	 <u>17</u>

SECOND SEMESTER

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

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.