REGENT UNIVERSITY

THE COLLEGE OF ARTS AND SCIENCES

Bachelor of Science in Mathematics
Secondary Mathematics Education
Spring-Summer 2020 Approved Degree Worksheet
*On Campus Only

GENERAL EDUCATION COURSES (46 hours)

Biblical Worldview- Cornerstone & Capstone: All Required
- ☐ GENE 100   The Making of a Christian Mind (3)
- ☐ GENE 402   The Making of a Christian Leader (3)

Biblical Worldview- Christian: All Required
- ☐ BIBL 105   Introduction to Bible (3)
- ☐ BIBL 106   Christian Doctrine (3) ◊
- ☐ BIBL 111   Intro. to Christian History & Thought (3)

Written & Oral Communication: All Required
- ☐ COMM 110 Public Speaking (3)
- ☐ ENGL 101   English Composition (3)

Critical Thinking & Analysis: All Required
- ☐ ENGL 102   Research & Academic Writing (3)
- ☐ GENE 150   The True, the Good, & the Beautiful (3)

Literature Course: Required
- ☐ ENGL 205   Literature of the Western World (3)

Arts Course: Required
- ☐ GENE 200   Art and Culture (3)

Mathematics Course: Required (4 hours)
- ☐ MATH 211   Calculus I (4) *Satisfied in Major Courses

Natural Science Course with Lab: Select 1
- ☐ BIOL 101   Introduction to Biology with Laboratory (4)•
- ☐ BIOL 121   General Biology I (4)•
- ☐ NSCI 110   Origins of the Cosmos (3)•

U.S. History Course: Select 1
- ☐ HIST 201   U.S. History (I to 1877) (3)
- ☐ HIST 202   U.S. History (II from 1877) (3)

Economics Course: Select 1
- ☐ ECON 101   Introduction to Economics (3)
- ☐ ECON 120   Microeconomics (3) ◊

◊ Prerequisite required; See catalog

• BIOL 101 and BIOL 121 are offered *on campus only* . NSCI 110 is offered *online only.*

Revised:

Effective: Catalog Term Spring-Summer 2020

GENERAL EDUCATION COURSES & MAJOR REQUIREMENTS

Global Studies Course: Select 1

- [ ] GEOG 101   World Geography (3)
- [ ] HIST 205   Western Civilization I (3)
- [ ] HIST 206   Western Civilization II (3)
- [ ] HIST 211   World History I (3)
- [ ] HIST 212   World History II (3)
- [ ] SPAN 101   Introduction to Spanish I (4)
- [ ] SPAN 102   Introduction to Spanish II (4)
- [ ] SPAN 210   Intermediate Spanish I (3)
- [ ] SPAN 211   Intermediate Spanish II (3)

Mathematics & Secondary Ed. Courses: All Required (32 hours)

- [ ] ISYS 214   Introduction to Programming (3)
- [ ] MATH 211   Calculus I (4)
- [ ] MATH 212   Calculus II (4) ◊
- [ ] MATH 213   Calculus III (4) ◊
- [ ] MATH 220   Discrete Mathematics (3) ◊
- [ ] MATH 230   Linear Algebra (3) ◊
- [ ] MATH 300   Geometry (3) ◊
- [ ] MATH 301   Probability and Statistics I (3) ◊
- [ ] MATH 310   Number Theory (3) ◊
- [ ] MATH 430   Abstract Algebra (3) ◊
- [ ] MATH 440   History of Mathematics (3) ◊

Mathematics Courses: Select 4

- [ ] MATH 302   Probability and Statistics II (3) ◊
- [ ] MATH 311   Advanced Calculus (3) ◊
- [ ] MATH 320   Differential Equations (3) ◊
- [ ] MATH 410   Numerical Methods (3) ◊
- [ ] MATH 420   Real Analysis (3) ◊

Professional Studies Courses: All Required (32 hours)

- [ ] UED 401   Secondary Curriculum Fundamentals (3)
- [ ] UED 407   Classroom Management for Secondary Classrooms (3)
- [ ] UED 441   Child & Adolescent Growth & Development (3)
- [ ] UED 444   Content Reading and Differentiation (3)
- [ ] UED 442   Foundations of Education (3)
- [ ] UED 489   Teaching Mathematics in Secondary Education (2)
- [ ] UED 490   Advanced Methods of Teaching Mathematics in Secondary Educations (2)
- [ ] UED 480A   Practicum I (1)
- [ ] UED 480B   Practicum II (1)
- [ ] UED 495   Field Experience/ Student Teaching (11)
- [ ] UED 496   Field Experience E-Portfolio (1)
- [ ] UIS 200   Orientation to Teaching (1)
- [ ] UIS 350   Technology for Educators (2)

*Students will also need to be formally admitted to the Teacher Preparation Program and therefore complete UIS 200 (Orientation to Teaching) and pass the Praxis I (Reading, Writing, Mathematics) Examination, preferably during their freshman year. See advisor for details.

NOTES & MAJOR REQUIREMENTS

Notes:

•Minimum 2.7 average for major courses

•A minimum cumulative GPA of 2.7 earned for all coursework

• 50% of major requirements must be taken at Regent University

• Minimum of 126 credits required

• Regent University College of Arts & Sciences has the right to add to or change this worksheet. **This Degree Worksheet is an unofficial document.**

• Catalog policy: Students may use a general education requirement to satisfy a major requirement but may not double count the credit hours.

☐	General Education Credit Hours	46+
☐	Core Courses Credit Hours	32
☐	Mathematics Courses Credit Hours	12
☐	Professional Studies Credit Hours	32
	Total Hours	**126+**

RECOMMENDED FIRST 2 YEARS AT REGENT:

FRESHMAN YEAR

Spring Term 1			Fall Term 1	
GENE 100	3		COMM 110	3
BIBL 111	3		BIBL 106	3
BIBL 105	3		ENGL 102	3
ENGL 101	3		MATH 211	4
Natural Science Course	4		GENE 150	3
Total	16		UIS 200	1
			Total	17

SOPHOMORE YEAR

Spring Term 2			Fall Term 2	
MATH 212	4		MATH 213	4
ECON 101/ECON 120	3		HIST 201/HIST 202	3
GENE 200	3		UIS 350	2
ISYS 214	3		MATH 220	3
Mathematics Course	3		UED 401	3
Total	16		Total	15

Summer Term 2	
ENGL 205	3
Total	3

◊ This sequence is a recommended guideline and is subject to change. Please refer to Academic Advising with any questions or concerns.

Revised: