### B.S. in MATHEMATICS w/Secondary Education Concentration

#### Biblical Worldview
- GENE 100 'The Making of a Christian Mind' (3 credits)
- GENE 402 'The Making of a Christian Leader' (3 credits) [Advisor approval required]

#### Biblical Worldview: Christian Foundations
- BIBL 103 Old Testament Studies (3 credits)
- BIBL 104 New Testament Studies (3 credits)
- BIBL 111 Introduction to Christian History and Thought (3 credits)

#### Written and Oral Communication
- COMM 110 Public Speaking (3 credits)
- ENGL 101 English Composition (3 credits)

#### Critical Thinking and Analysis
- ENGL 102 Research and Academic Writing (3 credits)
- GENE 150 'The True, the Good & the Beautiful' (3 credits)

#### Quantitative and Scientific Literacy
- Choose one Mathematics course: (3-4 credits) MATH 211 Required

#### Cultural Perspective
- Choose one Global Studies course: (3-4 credits)
  - GEOG 101 (3 credits)
  - HIST 205 (3 credits)
  - HIST 211 (3 credits)
  - SPAN 101 (4 credits)
  - SPAN 102 (4 credits)
  - ENGL 205 Literature of the Western World (3 credits)

#### Literature course
- Choose one Literature course: (3 credits)
  - ENGL 101 English Composition (3 credits)

#### Choose one Economics course
- Choose one Economics course: (3 credits)
  - ECON 101 Introduction to Economics (3 credits)
  - ECON 120 Microeconomics (3 credits)

#### Arts course
- Choose one Arts course: (3 credits)
  - GENE 200 Art and Culture (3 credits)

#### Choose one U.S. History course: (3 credits)
- Choose one U.S. History course: (3 credits)
  - HIST 201 U.S. History I - to 1877 (3 credits)
  - HIST 202 U.S. History II - from 1877 (3 credits)

### Total General Education: 46 credit hours

### Core Courses Required (36 Credit Hours):

- MATH 211 Calculus I (4 credits)
- MATH 212 Calculus II (4 credits)
- MATH 213 Calculus III (4 credits)
- MATH 220 Discrete Mathematics (3 credits)
- MATH 230 Linear Algebra (3 credits)
- MATH 300 Geometry (3 credits)
- MATH 310 Probability and Statistics I (3 credits)
- MATH 311 Advanced Calculus (3 credits)
- MATH 320 Differential Equations (3 credits)
- MATH 430 Abstract Algebra (3 credits)
- MATH 440 History of Mathematics (3 credits)
- UIS 214 Introduction to Programming (3 credits)

### Professional Studies Courses** (32 Credit Hours):

- UIS 200 Orientation to Teaching (1 credit) [recommended taking Freshman year]
- UIS 350 Technology for Educators (5 credits)
- UED 401 Secondary Curriculum Fundamentals (3 credits)
- UED 407 Classroom Management for Secondary Classrooms (3 credits)
- UED 441 Child and Adolescent Growth and Development (3 credits)
- UED 442 Foundations of Education (3 credits)
- UED 444 Content Reading and Differentiation (3 credits)
- UED 489 Teaching Mathematics in Secondary Education (2 credits)
- UED 490 Advanced Methods of Teaching Mathematics in Secondary Education (2 credits)
- UED 480A Practicum I (1 credit)
- UED 480B Practicum II (1 credit)
- UED 495 Field Experience/Student Teaching (6 credits)
- UED 496 Field Experience Portfolio (1 credit)

### Minimum GPA 2.7 for Major Requirements

**Students must apply for the major courses leading to licensure. See advisor for application process.**

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### 2015-2016 Degree Worksheet

(The requirements on this worksheet are based on the 2015-2016 Regent Undergraduate catalog.)

- **Moderator**: Professor
- **Advisor Notes**: Check the course descriptions in the Catalog, as well as, the course schedule for classes that have prerequisites.

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**Disclaimer**: Regent University College of Arts and Sciences has the right to add to or change this worksheet.

**GRAND TOTAL** = minimum of 126 credits and minimum cumulative GPA of 2.7 earned for all coursework

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**Advisor Approval**

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**Dean or Designee Approval**