COLLEGE OF ARTS & SCIENCES
Bachelor of Science in Mathematics

Spring and Summer 2026 Approved Degree Worksheet

GENERAL EDUCATION REQUIREMENTS (35 CREDITS)

Biblical Worldview: All Required
- [ ] GENE 100   The Making of a Christian Mind (3)
- [ ] GENE 402   The Making of a Christian Leader (3)

Communication: 6 credits
- [ ] COMM 110 Public Speaking (3) On Campus Only
- [ ] ENGL 101   English Composition (3)

Critical Thinking & Moral Reasoning: 6 credits
- [ ] ENGL 102   Research & Academic Writing (3)
- [ ] GENE 250   The Making of the Christian Life (3)
- [ ]

Cultural Foundations - Literature: 3 credits
- [ ] ENGL 205   Literature of the Western World (3)

Cultural Foundations - Economics: 3 credits
- [ ] ECON 101   Introduction to Economics (3)
- [ ] ECON 120   Macroeconomics (3)

Cultural Foundations - U.S. History or Government: 3 credits
- [ ] HIST 201   U.S. History I (to 1877) (3)
- [ ] HIST 202   U.S. History II (from 1877) (3)
- [ ] GOVT 201   The American Republic (3)

Quantitative & Scientific Literacy - Natural Science: 4 credits
- [ ] BIOL 101   Introduction to Biology w/Lab (4) On Campus Only
- [ ] BIOL 121   General Biology I (4) On Campus Only
- [ ] BIOL 201   Human Anatomy and Physiology I (4)
- [ ] EASC 101   Introduction to Earth Science w/Lab (4) Online Only
- [ ] CHEM 100   Introduction to Chemistry (3)
- [ ] BIOL 240   Ecology (3)
- [ ] PHYS 101   Physics for Future Leaders (3)
- [ ] PHYS 221   University Physics I (4)

Quantitative & Scientific Literacy - Math: 3-4 credits
- [ ] MATH 211 Calculus I (4)*$^\Delta$

* Required for the Mathematics Major

$^\Delta$ Has prerequisites that are not built into the General Education Requirements.

GENERAL REQUIREMENTS CONTINUED (15 CREDITS) AND MAJOR COURSE REQUIREMENTS (45 CREDITS)

Mathematics Core Requirements (45 credits)

- [ ] MATH 211   Calculus I (4) ^
- [ ] MATH 212   Calculus II (4) ~
- [ ] MATH 213   Calculus III (4)
- [ ] MATH 220   Discrete Math (3)
- [ ] MATH 230   Linear Algebra (3)
- [ ] MATH 440   History of Mathematics (3)

^ Has prerequisites that are not built into the major.

~ Requires a higher grade due to prerequisite rules. Check catalog.

8 additional courses (300 level or above) from the following:

- [ ] MATH 300   Geometry (3)
- [ ] MATH 301   Probability and Statistics I (3)
- [ ] MATH 302   Probability and Statistics II (3)
- [ ] MATH 310   Number Theory (3)
- [ ] MATH 311   Advanced Calculus (3)
- [ ] MATH 316   Stochastic Processes (3)
- [ ] MATH 320   Differential Equations (3)
- [ ] MATH 330   Linear Programming and Game Theory (3)
- [ ] MATH 350   Advanced Discrete Mathematics (3)
- [ ] MATH 375   Special Topics in Mathematics (1-3)
- [ ] MATH 380   Applied Mathematics (3)
- [ ] MATH 400   Advanced Topics in Geometry (3)
- [ ] MATH 410   Numerical Methods (3)
- [ ] MATH 420   Real Analysis (3)
- [ ] MATH 430   Abstract Algebra (3)
- [ ] MATH 480   Introduction to Operations Research (3)
- [ ] MATH 486   Research in Mathematics (3)

On Campus Only (15 credits) On campus students choose an additional 15 credits in one of the areas below. Honors courses only available to HC.

Christianity & Culture

- [ ] BIBL 105   Introduction to the Bible (3)
- [ ] BIBL 106   Christian Doctrine (3)
- [ ] GENE 150   The Good, True, & Beautiful (3)
- [ ] HIST 207   Western Civilization I (3)
- [ ] HIST 208   Western Civilization II (3)

Honors College

- [ ] HONS 150   The Good Person (3)
- [ ] HONS 200   The Great Family (3)
- [ ] HONS 250   The Just Society (3)
- [ ] HONS 300   The Exceptional Country (3)
- [ ] HONS 350   The Flourishing World (3)

General Electives (Amount Varies) Only needed if 120 credits has not been earned

- [ ] _____   _____
- [ ] _____   _____

General Notes

- ➤ Check Degree Works or the Catalog for course pre-requisite information.
- ➤ Minimum C- grade for major coursework required, unless otherwise specific in catalog.
- ➤ 50% of major requirements must be taken at Regent University
- ➤ A minimum cumulative 2.0 GPA is required to maintain good academic standing.
- ➤ As a general rule, 100 and 200 level courses should be taken prior to upper level (300 and 400) level courses.
- ➤ A minimum of 120 credits is required to graduate. Includes: General Education, Major, and Elective courses.

Major Related Notes

- ➤ This program is available on campus only.
- ➤ MATH 211 has a prerequisite not built into the major or general education requirements. You must earn a B- or better in MATH 164 or equivalent course, or permission from the Math Coordinator.
- ➤ MATH 211 counts toward Gen. Ed. & major requirements. It is also a prerequisite for multiple courses in the major.
- ➤ MATH 212 requires a C- grade or better, due to prerequisite rules for PHYS 221 (gen. ed. requirement).
- ➤ MATH 213 is a prerequisite for multiple course options in the major.
- ➤ MATH 230 is a prerequisite for multiple course options in the major.
- ➤ Major courses offered in Fall only: MATH 300 (even), 301 (odd), 310 (odd), 311 (even), 410
- ➤ Major courses offered in Spring only: MATH 302 (even), 380 (even) , 400 (odd), 420 (odd), 440
- ➤ Students majoring in mathematics are well advised to acquire skills in computer programming and information systems.
- ➤ Many of the courses in this major are prerequisites for others in the major. Please use the Course Planning Tool to map out your course schedule in order to create optimal schedules based on course rotations.

All official degree information is found in Degree Works and the Undergraduate Catalog

Degree Works (for Active Degree seeking students only)

Course Planning Tool (Active students only)

Academic Catalogs

Academic Calendar

Academic Advising