Mathematics (B.S.)

On-Campus | Regent University | College of Arts & Sciences | Minor: Christianity & Culture (On-Campus Only)

Active students should refer to their personalized Degree Works plan, and the Academic Catalog of their acceptance term for the most accurate degree requirements.

General Education Core Curriculum

	Code	Title	Hrs
	BIBLICAL WORLDVIEW: CORNERSTONE AND CAPSTONE		
☐	GENE 100	The Making of a Christian Mind [1]	3
☐	GENE 402	The Making of a Christian Leader [1]	3
	WRITTEN AND ORAL COMMUNICATION		
☐	COMM 110	Public Speaking [2]	3
☐	ENGL 101	English Composition	3
	CRITICAL THINKING AND MORAL REASONING		
☐	ENGL 102	Research and Academic Writing [3]	3
☐	GENE 250	The Making of the Christian Life	3
	QUANTITATIVE AND SCIENTIFIC LITERACY		
☐	MATH 211	Calculus I	4
	Natural Science — Choose 1 from below [4]		
☐	BIOL 101	Introduction to Biology with Laboratory	4
☐	BIOL 121	General Biology I	4
☐	BIOL 201	Human Anatomy & Physiology I	4
☐	BIOL 240	Ecology	3
☐	CHEM 100	Introduction to Chemistry	3
☐	PHYS 101	Physics for Future Leaders	3
☐	PHYS 221	University Physics I	4
	LITERATURE		
☐	ENGL 205	Literature of the Western World	3
	ECONOMICS		
	Economics — Choose 1 from below		
☐	ECON 101	Introduction to Economics	3
☐	ECON 120	Microeconomics	3
	U.S. HISTORY OR GOVERNMENT		
	U.S. History or Government — Choose 1 from below		
☐	HIST 201	U.S. History I (to 1877)	3
☐	HIST 202	U.S. History II (from 1877)	3
☐	GOVT 201	The American Republic	3
	Total Hours		**34–35**

[1] GENE 100 and GENE 402 must be taken at Regent University.

[2] Online students take UNIV 100 Regent Foundations of Success in lieu of COMM 110.

[3] Must earn C- or better in ENGL 101 before taking ENGL 102.

[4] On-campus students choose from the full list above.

Major Requirements — Mathematics

	Code	Title	Hrs
☐	MATH 212	Calculus II	4
☐	MATH 213	Calculus III	4
☐	MATH 220	Discrete Mathematics	3
☐	MATH 230	Linear Algebra	3
☐	MATH 440	History of Mathematics	3
	Elective Group 1 — Choose 8 courses from below		
☐	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
	Total Hours		**41**

[1] MATH 211 Calculus I satisfies the Gen Ed Mathematics requirement and is not repeated here.

Must earn C- (1.67) or better in all major courses.

Minor: Christianity & Culture (On-Campus Only)

	Code	Title	Hrs
☐	BIBL 105	Introduction to Bible	3
☐	BIBL 106	Christian Doctrine	3
☐	GENE 150	The True, the Good & the Beautiful	3
☐	HIST 207	Western Civilization I	3
☐	HIST 208	Western Civilization II	3
	Total Hours		**15**

Required for on-campus students entering with fewer than 60 transfer credits.

Graduation Requirements

✓ 120 Total credit hours, ✓ 2.0 Minimum overall GPA, ✓ C- (1.67) minimum in all major courses

**Regent University has the right to add to or change this worksheet. This Degree Worksheet is an unofficial document.*