

MATHEMATICS (MATH)

UNIVERSITY OF LYNCHBURG
SCHOOL OF SCIENCES

MATHEMATICS DEPARTMENT
BACHELOR OF SCIENCE, 2020-2021 CATALOG

UNIVERSITY DELL REQUIREMENTS (42 Credits)

SEM GR

Core (12 Credits)

COMM 101 Oral Argumentation & Advocacy _____
ENGL 123W College Writing Workshop _____

Integrative Seminars

NMBR

DELL 100-level First-Year Seminar _____
DELL 400-level Senior-Year Seminar _____

Artistic & Creative Thinking* (3 Credits)

Ethics or Civic Engagement* (3 Credits)

Historical Interpretation* (3 Credits)

Language & Intercultural Competence** (6 Credits)

Literary Analysis* (3 Credits)

Living Well* (2 Credits)

Quantitative Reasoning* (3 Credits)

Scientific Literacy* (4 Credits)

Social Science Literacy* (3 Credits)

FREE ELECTIVES*** (43-46 Credits)

MAJOR REQUIREMENTS (39 Credits)

SEM GR

Mathematics Core (27 Credits)

CS 131 Fundamentals of Programming _____
MATH 103 Calculus I _____
MATH 104 Calculus II _____
MATH 211 Calculus III _____
MATH 260W Reasoning and Proof _____
MATH 301 Differential Equations _____
MATH 307 Linear Algebra _____
MATH 405 Abstract Algebra _____
MATH 407 Advanced Calculus _____

Mathematics Electives^a (9 Credits)

MATH 304 College Geometry _____
MATH 310W History of Mathematics _____
MATH 311 Probability Theory _____
MATH 313 Complex Variables _____
MATH 323 Number Theory _____
MATH 328 Vector Analysis _____
MATH 350W Experimental Mathematics _____

Internship or Research^a (3 Credits)

MATH 399 Internship in Mathematics _____
MATH 451W Senior Project _____

Additional Major Electives

NOTES

*Refer to class schedule for lists of courses that satisfy University requirements.

**Must take two sequential courses.

***Courses that do not satisfy a major or DELL requirement. Can include coursework for a minor.

^aChoose three course from the list provided.

Total credits required for graduation: 124 Credits

For graduation with Honors, see Undergraduate Catalog