Mathematics
Master of Arts

The Master of Arts Program in Mathematics is offered for (a) students who may eventually work toward a doctorate in mathematics; (b) those who seek the M.A. as a terminal degree; (c) graduates of the M.A. Program for Secondary School Teachers of Mathematics seeking additional graduate mathematics credits and who wish the structure of a formal degree program and the credential of a pure mathematics master's degree; (d) qualified students who wish to take individual graduate mathematics courses.

ADMISSIONS REQUIREMENTS
- A bachelor's degree from an accredited college or university
- Official transcripts from all post-secondary institutions attended
- A minimum undergraduate grade average of 3.0 in mathematics
- courses and a minimum grade average of 2.7 in the undergraduate record as a whole
  NOTE: Alternatively, graduation from the Lehman Teachers Master's in Mathematics program or an equivalent master's degree with a 3.0 cumulative average may replace undergraduate grade requirements.
- Have completed at least 12 credits in mathematics beyond calculus, including courses in advanced calculus, linear algebra and modern algebra. (Students with fewer than 12 credits or lacking specific courses may be considered for conditional admissions; however, any students admitted must be sufficiently advanced to take at least one course in the program the first semester of matriculation.)
- An essay outlining career goals
- Resume or Curriculum Vitae
- Two letters of recommendation
- If conditionally admitted, satisfy the conditions within one year. This can include taking undergraduate courses to satisfy the admissions criteria

DEGREE REQUIREMENTS
- A program of 30 credits of courses, chosen with the permission of the Graduate Adviser.
- Students should include in their combined current graduate and prior academic career the following courses:
  - ➢ MAT 751: Theory of Functions of a Real Variable
  - ➢ MAT 753: Theory of Functions of a Complex Variable I
  - ➢ MAT 616: Algebra
- At least 18 of the credits must be taken as a matriculated student at Lehman. Students considering going on to a mathematics doctorate are encouraged to take some of their final credits in the CUNY Graduate Center Ph.D. Program in Mathematics
- A written comprehensive examination is required. The exam shall cover the three courses prescribed above
- Students are required to maintain a cumulative 3.0 average to stay in good standing, and must have an overall 3.0 average to graduate. Two consecutive semesters in attendance out of good standing is cause for dismissal
- MAT 582, 601, 602, 603, 604, and 615 may not be used toward this degree

Courses in Mathematics

MAT 613	Theory of Numbers
MAT 615	Modern Algebra
MAT 616	Algebra
MAT 630	Advanced Euclidean Geometry
MAT 631	Views of Geometry
MAT 634	Transformation Geometry
MAT 636	Non-Euclidean Geometrics
MAT 637	Topics in Discrete Mathematics
MAT 640	Topology and Analysis I
MAT 641	Topology and Analysis II
MAT 655	Exploring Mathematics Using Technology
MAT 661	History of Mathematics
MAT 670	Foundations of Mathematics
MAT 681	Probability
MAT 711	Topics in Algebra
MAT 715	Advanced Linear Algebra
MAT 719	Special Topics in Algebra
MAT 733	Differential Geometry
MAT 734	Calculus on Manifolds
MAT 739	Special Topics in Geometry
MAT 741	Topology
MAT 742	General Topology
MAT 743	Algebraic Topology
MAT 751	Theory of Functions of Real Variable
MAT 753	Theory of Functions of a Complex Variable I
MAT 754	Theory of Functions of a Complex Variable II
MAT 755	Ordinary Differential Equations
MAT 756	Partial Differential Equations
MAT 759	Special Topics in Analysis
	MAT 764 Advanced Financial Mathematics and Applications
MAT 771	Mathematical Logic I
MAT 772	Mathematical Logic II
MAT 775	Set Theory
MAT 782	Mathematical Statistics
MAT 785	Introduction to Applied Mathematics
MAT 786	Computer Applications to Mathematics and Science I
MAT 787	Computer Applications to Mathematics and Science II
MAT 789	Special Topics in Applied Mathematics

Questions about the program?

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Questions about admissions?

The Office of Graduate Admissions

http://www.lehman.edu/admissions

Last updated: July 18, 2023