M.A. in Mathematics

Overview
Degree Requirements

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The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
1st seq course	15	Student must complete the first course from five of the following seven sequences: Topology (Math 501, 502) Modern Algebra (Math 525, 526) Aplied Probability (Math 573, 574) Statistics (Math 575, 576) Theory of Functions of Real Variables (Math 653, 654) Theory of Functions of Complex Variables (Math 655, 656) Graph Theory (Math 681, 682)
Add'l course	3	Student must complete an additional graduate-level mathematics course as approved by his/her GPC/Chair.
GPA requirements		A cumulative average of not less than 3.0 (B) must be achieved in all graduate work taken.
Liberal Arts Dean's approval		This Degree Audit program is an advising tool only. The student must still apply for a degree by returning a completed Degree Application Form to the dean's office before the last day to add classes in the semester preceding the semester in which the stuent expects to graduate. The Dean's Office will make the final certification that the courses listed on the application qualify the student for graduation. The Dean's Office will also determine if other university requirements (GPA, etc.) have been met.

Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
Complete 2 math sequence		Student must complete at least two of the following seven math sequences: Topology, Modern Algebra, Applied Probability, Statistics, Theory of Functions of Real Variables, Theory of Functions of Complex Variables, or Graph Theory.
Applied Prob	6	Student must complete both Math 573 and Math 574.
Complex variables	6	Student must complete both Math 655 and Math 656.
Graph theory	6	Student must complete both Math 681 and Math 682.
Modern algebra	6	Student must complete both Math 525 and Math 526.
Real variables	6	Student must complete both Math 653 and Math 654.
Statistics	6	Student must complete both Math 575 and Math 576.
Topology	6	Student must complete both Math 501 and Math 502.

Major Requirements III

REQUIREMENT	HOURS	DESCRIPTION
Thesis vs non-thesis		In addition to required courses, the student has three way to satisfy the 30- semester hour requirement for the MA in Math: 1) Complete an additional 6 hours in graduate-level mathematics courses, 2) Complete at least 6 hours in an approved minor, or 3) Complete at least 6 hours in thesis credit and submit a thesis to his/her GPC/Chair.
Add'l math option	6	Student must complete at least 6 additional hours of graduate-level mathematics courses as approved by his/her GPC/Chair.
Minor option	6	Student must complete at least 6 hours in an approved minor area.
Thesis option	6	Student must complete at least 6 hours of thesis credit (MATH 697).
Submit Thesis		For the thesis option, the student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.