

Degree program: __Master of Science in Mathematics__

Program Student Learning Outcomes
1. Students will be able to communicate effectively in written and oral forms, work successfully in teams and understand ethical and social responsibilities.
2. Students will be able to conduct research and pursue a Doctoral degree.
3. Students will have advanced knowledge in a broad range of disciplines in Mathematics, including Algebra, Analysis, Geometry/Topology, and Probability/Statistics.

**Worksheet #2 – Program Checklist – List required courses and indicate level/s of delivery
By putting (I, E, R or A) into Each Box**

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I = Students are INTRODUCED to material
E = The material is EMPHASIZED and taught in depth
R = The material is REINFORCED with additional exposure to the information
A = The Competencies/Skills are being APPLIED

	Program-level outcomes addressed		
List of courses required for the degree	#1 Students will be able to communicate effectively in written and oral forms, work successfully in teams, and understand ethical and social responsibilities.	#2 Students will be able to conduct research and pursue a Doctoral degree.	#3 Students will have advanced knowledge in a broad range of disciplines in Mathematics, including Algebra, Analysis, Geometry/Topology, and Probability/Statistics.
MATH 5305	I	I	I
MATH 5320	I	I	I
MATH 5330	I	I	I
MATH 5365	I	I	I
MATH 5370	I	I	A

**Worksheet #3 - Order Courses by Outcome and Level of Delivery (Courses may be listed more than once)
Indicate level of delivery by checking the appropriate box) Add cells as necessary**

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Program-level outcome addressed (write out each program level outcome)	Level of Material Delivery (List classes in order of material delivery)				Courses List courses (or groups of courses) in order of material delivery for each outcome (I, E, R and then A). Courses may provide more than one level of material delivery.	Curriculum Component/s (Class Activities) that Address Outcome	Means of Assessment
	I	E	R	A			
#1 Students will be able to communicate effectively in written and oral forms, work successfully in teams and understand ethical and social responsibilities.	X				MATH 5305		
	X				MATH 5320		
	X				MATH 5330		
	X				MATH 5365		
	X				MATH 5370		
#2 Students will be able to conduct research and pursue a Doctoral degree.	X				MATH 5305		
	X				MATH 5320		
	X				MATH 5330		
	X				MATH 5365		
	X				MATH 5370		

Worksheet #4 - Needed Modifications, if any, for Curriculum Alignment

Goal: Degree programs are coherent in that they demonstrate 1) sequencing, 2. progression or increasing complexity, and 3) linkages between and among program core courses.

Curriculum Modifications Needed	Why Needed?
We do not think that we need to modify this program at this time, but we will reconsider this question during Fall 2008.	