

Department of Mathematical Sciences
M.S. Program Assessment 2015-2016

M.S. Programs assessed: M.S. in Mathematics
M.S. in Statistics
M.S. in Mathematics – Mathematics Education option (separate report)

1. What was done on assessment this year? AY 2014 and 2015

Each MS program was reviewed according to our Program Assessment plan. The departmental Graduate Committee (henceforth, GPC) convened to deliberate the assessment results and determine if any program changes were needed.

2. What assessment data were collected?

Results from Comprehensive Exams.

Students taking comprehensive exams in 2014-15 and 2015-16

Last 4 GID	Fall 2014	Spring 2015	Fall 2015	Spring 2016	Results	Program
2816	P				PhD ongoing	Math
0515	NP		P		Graduated	Math
3661	P				Graduated	Math
8055	P				Graduated	Math
1675	P				Graduated	Math
2843	P				Graduated	Math
1656	P				Graduated	Math
1318	P				Graduated	Math
9921	P				Graduated	Math
9051	P				Graduated	Math
6475	P				Graduated	Statistics
7777	P				Graduated	Statistics
2046	P				Graduated	Statistics
1637	P				Graduated	Statistics
4744	P				Graduated	Statistics
9409	P				Graduated	Statistics
1444	P				Graduated	Statistics
8147	P				Graduated	Statistics
5850	NP				Left program	Statistics
2280		*	P		Graduated	Math
1968		P			Graduated	Math
4270		P			Graduated	Math
9992		P			Graduated	Statistics
6267			P		MS ongoing	Math
1549			NP	P	Graduated	Math
8697			P		Graduated	Math
1481			P		PhD ongoing	Statistics

4327			P		Graduated	Math
2391			P		Graduated	Math
5107			P		Graduated	Statistics
4706			P		PhD ongoing	Statistics
3661			NP		MS ongoing	Statistics
5995			NP		MS ongoing	Statistics
5678			P		PhD ongoing	Statistics
2329			P		Graduated	Statistics
8951			P		Graduated	Statistics
4907			P		MS ongoing	Statistics
2550			P		Graduated	Statistics
0098			P		MS ongoing	Statistics
9659			P		PhD ongoing	Statistics
2831	NP		P		Graduated	Statistics
6764			P		PhD ongoing	Statistics
4627			P		Graduated	Statistics

Symbol Key

* Student completed an attempt in one component of a multicomponent exam. Not counted as pass until all components completed.

NP Student's first attempt was not passed

P Pass

F Fail

Data Summary

Total number of students attempting M.S. Math Exams: 18

Total number passing M.S. Math Exams: 18

Total number of students attempting M.S. Statistics Exams: 25

Total number passing M.S. Statistics Exams: 22 (2 still in progress)

3. What was learned from the assessment?

The GPC learned that the changes made to the comprehensive exam structures for both the MS Math and MS Statistics continue to result in very high success rates within each cohort of students. The changes in the exam structure were primarily streamlining the exam to two components that better reflect competency in MS core content and the ease of administering the exams during a common time just prior to the start of classes each fall semester.

4. How did you respond to the assessment results?

The GPC will continue to adopt the current MS comprehensive exam structure given the lack of problems, both in terms of contents and the ease of logistical administration of the exams each August just prior to the start of the fall semester.