

Annual Report for 2012

Department of Mathematics and Statistics (DMS)

Student Learning Outcomes Assessment (SLOA) for MS

Degree in Mathematics

INTENDED

2) Our students will master a core of mathematical concepts.	All students are required to take and pass four core courses. In order to graduate, all students must take and pass a collection of exams on core subjects.	Every spring, comprehensive exams will be given, graded, and discussed by the majority of the math faculty. A summary of the results will be prepared by the members of the Graduate Committee from mathematics to be included in the yearly assessment report.
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Status: During the period covered by this SLOA report (AY 2011 and AY 2012), there were 9 students enrolled in the MS program in mathematics. Of these, a total of three of these students took the comprehensive exam sequence, with two passing and one incomplete (i.e., one or more parts of the comprehensive exam sequence had to be retaken).

The four required MS-level core courses have, as stated in the UAF academic catalog, been taught one-per-semester in recent years, including the AY 2011 and AY 2012. Two additional graduate elective courses are generally offered each semester so that completing the MS in mathematics program in a two-year time frame is reasonable.

3) Our students will have the opportunity to develop the skills necessary to achieve their career goals in mathematics.	alumni survey	Every May, alumni surveys will be sent to all students who graduated with a degree in mathematics two years prior. The returned surveys will be summarized by the assessment committee in the annual report the following spring.
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Status: No alumni surveys have been returned during the period of this SLOA report (i.e., AY 2011 and AY 2012). However, of the four MS graduates during the period covered by this report, one is employed by UAF, one is pursuing a PhD in mathematics, another is pursuing a PhD in a related field, and the fourth student's status is not known.