

Math Department Program Assessment Maps.

MA/MS Mathematics

Goal 6: The ability to read, understand, and explicate journal articles in mathematics related to students area of specialty. The assessment point for goal 6 is the required specialist Qualifying Exam.

**12-18 units UD or GR courses → 12-18 units GR courses → Math 203
Math 298,299 → thesis defense
Two semester GR sequence
Specialist Qualifying Exam**

Goal 7: Ability to communicate mathematics effectively.

Goal 7 is assessed during the oral presentation of the thesis or writing project and was last assessed in Spring 2011

Specific LOs to be assessed are:

- 1) Ability to explain mathematics orally.
- 2) Ability to write clear mathematical explanations.

**12-18 units UD or GR courses → 12-18 units GR courses → Math 203
Math 298,299 → thesis defense
Two semester GR sequence
Specialist Qualifying Exam**

MS Statistics

This is a newly created program which was just started in Fall 2011. The Assessment Plan for this program is still under development. Important skills that we want students to learn include 1) The ability to communicate statistical ideas effectively, 2) the ability to use technology effectively to assist in solving large statistical problems, and 3) the ability to use statistical modeling to solve practical problems.

Math 163, 164, 167 → Math 162,258,259,265,266,???
Math 261AB → Math 203, 298,267, 269 → consulting project