

Illinois State University
 Department of Mathematics
 M.S. Assessment Plan

Program Goal 1.

The program will provide students with strong general mathematical foundations, plus the specialized content knowledge and reasoning/communication skills that are necessary and appropriate in their track.

Outcomes	Data Needed	Group	Assessment Method	Responsibility
Master background	demonstrate foundation knowledge	All students	GPA in 336, 337, 347 304, 350, 351; core	Grad Director & Faculty
Master Advanced Content	demonstrate advanced knowledge	graduating students	Comp exams , Prof. Exam passes in Act Sci, Internship reports	Faculty Directors

Program Goal 2.

The program will encourage students to appreciate, formulate, and investigate questions seeking new knowledge in mathematics and mathematics education.

Outcomes	Data Needed	Group	Assessment Method	Responsibility
Master Research Background	demonstrate research background	El Ed/ Middle Ed seq. students	GPA in MAT 401, 403	Faculty & Grad Director
Research Involvement	demonstrate ability to investigate & research	All students	Master's thesis quality Master's projects Research submits Conference participation ISU grad research symp Seminar part. & presents	Master's Committee

Program Goal 3.

The program will prepare students to continue their professional growth after completion of the program.

Outcomes	Data	Group	Assessment Method	Responsibility
Continued learn	Prof. Development	All students	Alumni surveys	Grad Director
Prof. Advancemnt		All students	PhD work Prof. actuary exams Alumni surveys	Grad Director Act. Sci. Director Grad Director

Appendix 1. Graduate Survey

Master's Program Survey – Mathematics
Please return to Mike Plantholt via e-mail or mailbox

Name: (Optional) _____

Month & Year of Graduation: _____

Sequence, if any: _____

1. Which best describes your current attitude toward ISU ? (Circle one)

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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2. Which best describes your attitude toward your degree program ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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3. Which best describes your attitude toward course offerings in your area ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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4. Which best describes your attitude toward the quality of teachers and instruction ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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5. Which best describes your attitude toward advisement in your area ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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6. Which best describes your attitude toward course requirements in your area ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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7. Which best describes your attitude toward intellectual challenges in your area ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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8. Which best describes your attitude toward awareness of career opportunities ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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9. Which best describes your attitude toward employment opportunities upon graduation?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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10. Which best describes your attitude toward your experience in the ISU mathematics master's program overall ?

Very Positive	Positive	Somewhat Positive	Neutral	Somewhat Negative	Negative	Very Negative
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11. Please provide comments/suggestions (use another sheet if desired):