

ACADEMIC YEAR 2021-2022 / ANNUAL PROGRAM REVIEW (APR)

Master of Science in Mathematics

This view always presents the most current state of the plan item.

Plan Item was last modified on 1/4/22, 8:38 PM

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Template:

Student Learning Assessment Report (add one "plan item" for each major, degree, and/or certificate offered by dept)

Name of degree/major or credential (example: Psychology BA/BS):

Master of Science in Mathematics

Assessment Cycle State Date:

3/1/2021

Assessment Cycle End Date:

7/1/2022

Progress:

Section Completed, Waiting for Feedback

Providing Department:

Math & Statistical Sci

Responsible Users:**Assessment Report Contact:**

Hirotachi Abo

Program Changes in Past Year:

Created a new graduate course on Fourier Analysis (Math 537)

Learning Outcomes are Communicated to All Students in Program (check box if true):

true

Learning Outcomes are Communicated to All Faculty (check box if true):

true

Optional: Framework Alignment:**Import Outcomes Data (from Anthology Outcomes):****Mathematics Knowledge:** The student can demonstrate knowledge in mathematics that justifies being awarded an M.S. degree and that prepares the student to pursue, should he or she want to do so, a PhD.**Direct measure:** MS comprehensive exam. The benchmark is 80% of students pass the MS comprehensive exam. The stretch benchmark is 100% of students pass the MS comprehensive exam.

- One student took and passed the MS comprehensive exam.

Indirect measure: GPA in MS program. The benchmark is 90% of students have GPA 3.0 or higher. The stretch benchmark is 100% of students have GPA 3.0 or higher.

- The cumulative GPAs of all MS students are 3.0 or higher.

3.

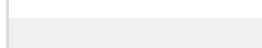
Competence

The student can demonstrate knowledge in mathematics that justifies being awarded an MS degree and that prepares the student to pursue, should he or she wants to do so, a PhD.

Academic Year 2020-2021: Mathematics (M.S.)


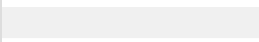
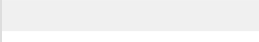
Term: Overview

Exceeded



0%

0

Met		100%	1
Partially Met		0%	0
Not Met		0%	0

Summary of Student Learning:

The stretch benchmark as well as the ordinary benchmark are met for both the direct measure and indirect measure. These results are similar to those in the previous year.

Attached Files

There are no attachments.

Summary of Faculty Discussion:

Presented in "Summary of Changes" and "Closing the loop."

Attached Files

There are no attachments.

Summary of Changes/Improvements Being Considered:

Because of the pandemic of COVID-19, the exit interviews were conducted using Microsoft Forms, which caused a very low response rate. The improvement of student participation in exit interviews is necessary for more meaningful participation.

Attached Files

There are no attachments.

Inter-rater Reliability:

The assessment committee will review and implement changes to procedure for assessment processes.

Closing the Loop:

- Assess the learning outcome on integrated knowledge next year.
- Create an indirect measure for the learning outcome in integrated knowledge.

Attached Files

There are no attachments.

Quality Assessment Feedback:**Attached Files**

[QAR Feedback Report COS Math MS 2021-22.pdf](#)

Related Items

No connections made