



2024-2025

ANNUAL ASSESSMENT REPORT  
Mathematics

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# 2024-2025 Assessment Narrative on Findings

Mathematics Minor

## Mission and Introduction

### Introduction

1. Provide an overview of the program and the context of where it's housed within the institution (what department, etc.).

### Program Mission Statement

1. What changes has the program made to the mission statement over the course of this cycle? Why were these changes made? Are any revisions planned?

### Alignment to Institution Mission

1. How does the mission of the program align with the mission of the institution?

## Student Learning Outcomes Assessment and Curriculum

### Program Student Learning Outcomes

1. Describe how these outcomes pertain to the program's mission. Have any changes been made to these outcomes over the course of this cycle? Why or why not?

2. Describe the extent to which students in the program have met these outcomes.

### Evidence:

- [Math Annual Assessment 2023-2024](#)
- [Mathematics Minor\\_2024-2025 Curriculum and Assessment Findings\\_2024-2025](#)

### Curriculum Map

1. Describe the course pathway students take to achieve this program degree. Highlighting any key or core courses, have any changes been made to this pathway or degree requirements over the course of this cycle? Why or why not?

### Measures and Results

1. Discuss the measures you've selected or developed to measure this outcome. Why were these measures chosen? Were any measures or assessment instruments changed over the course of this cycle? Why or why not? Will different measures be chosen the next time this outcome is assessed?

2. Summarize and discuss the results of the program's measures over the course of this cycle. Have the results demonstrated improvement or mastery of this outcome? Why or why not?

**Evidence:**

- [Mathematics Minor\\_2024-2025 Curriculum and Assessment Findings\\_2024-2025](#)

**Participation in Assessment**

1. How do program faculty participate in assessment? What is the process? Have any changes been made to encourage participation over the course of this cycle?

**Action Items and Use of Results**

1. Summarize or highlight action items taken as a result of program's assessment results. How have the results driven improvement over the course of this cycle?

**Evidence:**

- [Mathematics Minor\\_2024-2025 Curriculum and Assessment Findings\\_2024-2025](#)

**Gen Ed**

1. What courses in your program are tied to general education requirements at the institution? How many students from outside the department are taking courses in the program to fulfill gen ed requirements?

Graduate Programs please note NA in this section as it does not apply to your program.

**NSSE Focused Activities**

In the Spring of 2024 the faculty voted on the following NSSE objectives for focus.

2B - Connected your learning to societal problems or issues.

2F - Learned something that changed the way you understand an issue or concept.

9A - Identified Key information from reading assignments.

6A - Reached conclusions based on your own analysis of numerical information (numbers, graphs statistics, ...)

How has your program incorporated these learning objectives into the program curriculum?

Graduate Programs please note NA in this section as it does not apply to your program.

**Concentrations**

**Concentration Information**

Please list the concentrations that relate to your program. If you do not have any Concentrations please note N/A in the text box.

## **Faculty Qualifications, Activities and Scholarship**

### **Scholarship and Research**

1. Summarize and highlight key scholarship and research activities conducted by faculty over the course of the review cycle.

### **Faculty Awards and Honors**

1. Discuss and highlight awards and honors received by faculty over the course of the cycle.

### **Teaching Support and Monitoring Teaching Quality**

1. How are faculty being supported to ensure high quality teaching and learning?

## **Program Data: Student Experience**

### **Enrollment and Recruitment**

1. What are the trends with enrollment in this program over the course of the review cycle? How does this compare to institutional trends or similar programs on campus?

2. Describe recruitment efforts or goals such as increased enrollment or diversity. Have these initiatives been successful?

### **Retention**

1. Has student retention remained in an acceptable range over the course of the review cycle?

2. Discuss strategies or actions that the program is doing to impact student retention within the program?

### **Curriculum/Course Retention and Success**

1. Describe enrollment trends in the courses within the program.

2. Reflect on the success of the students within the courses over the course of the cycle. Highlight some completion or DFW rates in the core courses. Were these in line with expectations?

3. Assess student performance and success in online vs. on-campus courses.

### **Completion**

1. How many students are graduating from the program? Have the completion rates been in line with expectations?

2. Describe findings resulting from exit surveys or program alumni surveys that were conducted over the course of the cycle.

### **Course Evaluation Data**

1. What were some positive and negative feedback received from students who completed the courses? Highlight any trends or insights that came from course evaluations over the course of the cycle.

### **Student Advising**

1. What advising mechanism is in place for the student?

### **Student Awards and Achievements**

1. Highlight the accomplishments and external honors received by students in the program over the course of this cycle.

### **Program Analysis**

#### **SWOT Analysis**

1. Strengths, Weaknesses, Opportunities, and Threats.

### **Industry and Program Trends**

#### **Senior Exit Surveys**

1. What were some positive and negative feedback received from students as they complete their degrees? Highlight any trends or insights that came from exit surveys over the course of the cycle.

### **Recommendations from Previous Annual Assessment Reports**

1. Summarize Action Items, goals from the program that were listed in the previous Annual Assessment report, describe how/if those recommendations were applied this year.