**Executive Summary of Program Assessment**

**Campus:** MU

**College/School:** College of Arts and Science

**Academic Unit:** Department of Mathematics

**Date Submitted:** 7/22/13

**Person Responsible for Success of Program:** Glen Himmelberg, Chair

**Person Submitted Executive Summary:**

Patricia Okker, Faculty Fellow for Program Assessment and Accreditation, Office of the Provost

**Degree Programs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Degree (e.g., BS, MA, PhD)** | **Degree Program** | **Enrollment** | | **Number of Degrees Awarded** | |
| **Most Recent Fall Semester**  **(Fall 2011)** | **5-Year Fall Semester Average** | **Most Recent Academic Year**  **(Fall 2011)** | **5-Year Average** |
| BA/BS | Mathematics | 125 | 97.8 | 22 | 23.6 |
| MA/MS/MST | Mathematics | 24 | 22.8 | 15 | 11.6 |
| PhD | Mathematics | 56 | 57 | 8 | 8.2 |
|  |  |  |  |  |  |

**Changes Since Last Review (1999)**

* Significant growth in undergraduate majors (79% in last five years) and in undergraduate credit hours provided (20%), at time that number of tenure-stream faculty in the department has declined. To accommodate more student demand, the Department will need more full-time regular and/or nonregular faculty.
* Redesign of College Algebra and implementation of new tool (ALEKS: Assessment and Learning in Knowledge Spaces) for placing students in the appropriate mathematics course.
* Continued recognition of mathematics faculty for teaching excellence, including eight faculty members recognized as Kemper Fellows.

**Strategies or Plans for Improving Program**

* Increase number of Mathematics faculty seeking external grant funding.
* Continue to develop the emphasis area in Actuarial Science and Mathematical Finance.
* Review of calculus program.
* Continue to integrate new technologies into classroom in effective and appropriate ways.