



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

**New Program Report**

**Date Submitted:**

04/04/2023

**Institution**

Missouri Baptist University

**Site Information**

**Implementation Date:**

8/21/2023 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Missouri Baptist University, 1 College Park Drive, St. Louis, MO, 63141

**CIP Information**

**CIP Code:**

131311

**CIP Description:**

A program that prepares individuals to teach mathematics programs at various educational levels.

**CIP Program Title:**

Mathematics Teacher Education

**Institution Program Title:**

Graduate Certificate in Mathematics Education

**Degree Level/Type**

**Degree Level:**

Postbaccalaureate Certificate

**Degree Type:**

Graduate Certificate (GRCT)

**Options Added:**

**Collaborative Program:**

N

**Mode of Delivery**

**Current Mode of Delivery**

Online

**Student Preparation**

**Special Admissions Procedure or Student Qualifications required:**

No special admissions criteria over and above regular graduate admissions standards.

**Specific Population Characteristics to be served:**

n/a

**Faculty Characteristics**



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

**New Program Report**

Special Requirements for Assignment of Teaching for this Degree/Certificate:  
Faculty teaching in this program will have terminal degree in mathematics as required by HLC for faculty teaching in graduate level programs.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:  
100% of courses in this program are taught by full time faculty.

Expectations for professional activities, special student contact, teaching/learning innovation:  
Capstone course: This course is intended to provide an avenue for intensive study of current topics or problems in mathematics. The course will involve close collaboration between students and faculty, and topics and content will vary depending on the interests of students and faculty.

**Student Enrollment Projections Year One-Five**

Year 1	Full Time: 0	Part Time: 1	
Year 2	Full Time: 0	Part Time: 1	
Year 3	Full Time: 0	Part Time: 1	Number of Graduates: 1
Year 4	Full Time: 0	Part Time: 1	
Year 5	Full Time: 0	Part Time: 1	Number of Graduates: 2

Percentage Statement:  
n/a

**Program Accreditation**

Institutional Plans for Accreditation:  
No specialized accreditation will be sought.

**Program Structure**

Total Credits:  
18

Residency Requirements:  
12 of 18 hours must be earned in residence.

General Education Total Credits:  
0

Major Requirements Total Credits:  
18

**Course(s) Added**

COURSE NUMBER	CREDITS	COURSE TITLE
MATH 563	3	Numerical Analysis
MATH 523	3	Abstract Algebra
MATH 583	3	Advanced Educational Statistics
MATH 573	3	Advanced Methods in Mathematics Education
MATH 543M	3	Methods of Inquiry I



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

**New Program Report**

MATH 553A

3 Advanced Calculus I

**Free Elective Credits:**

0

**Internship or other Capstone Experience:**

MATH 593 Capstone

**Assurances**

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

**Contact Information**

First and Last Name: Lydia  
Thebeau

Email: [lydia.thebeau@mobap.edu](mailto:lydia.thebeau@mobap.edu)

Phone: 314-392-2221