UMBC
Masters of Arts in Education (MAE)
Concentration in STEM Education
Regional Program

The University of Maryland, Baltimore County (UMBC) is offering a 36-credit, 12-course non-thesis Masters of Arts in Education Degree with a focus on STEM education. This program is designed to provide experienced teachers content knowledge, pedagogical content knowledge and enhance leadership skills across STEM disciplines. Program completion will result in the Masters of Arts degree and for Elementary Certified Teachers, the endorsement for Instructional Leader: STEM PreK-6 from the Maryland State Department of Education.

Recruiting for New Cohort!
PreK- 12 STEM
Applications accepted now through December 15, 2017

Program Schedule
The programs will run from Spring 2018 through Fall 2021 (4-year program). Teachers will attend three courses per year.

Admission Requirements
Undergraduate degree with a GPA of 3.0 or higher
Teaching certificate
Three professional or academic references
Statement of goals/purpose

Program Delivery
UMBC will offer all courses on UMBC satellite sites near the main campus. Courses will be hybrid with a combination of face-2-face and online class sessions.

Program Cost
Reduced Tuition: Program participants will pay a reduced tuition rate of $1,050.00 per course ($350.00 per credit).

There is an Information Session on Thursday November 30th at 5:00 pm. To RSVP, please email:

Dr. Tracy Irish
Science/STEM Clinical Faculty
UMBC
tirish1@umbc.edu
410-455-3050

The University of Maryland Baltimore County (UMBC)
Regional Program
Masters of Arts in Education Concentration in STEM
4-year Course Progression Chart

Year 1

Semester	Spring '18	Summer '18	Fall '18
Course Number	STEM 506	EDUC 772	STEM 533
Course Name	The Designed World	Assessment and Evaluation	Culturally Responsive Teaching in STEM

Year 2

Semester	Spring '19	Summer '19	Fall '19
Course Number	EDUC 771	EDUC 502	SCIE 504
Course Name	Research Designs in Education	The Active Mathematics and Science Classroom	The Environment

Year 3

Semester	Spring '20	Summer '20	Fall '20
Course Number	EDUC 795	SCIE 534	STEM 509
Course Name	Seminar in the Study of Teaching	Experimental Design	Environmental Engineering Design

Year 4

Semester	Spring '21	Summer '21	Fall '21
Course Number	EDUC 781	STEM 550	EDUC 785
Course Name	Teacher Leadership	Emerging Technologies and their Applications	Advanced Instructional Leadership Practicum

The University of Maryland, Baltimore County (UMBC)
Master of Arts in Education (MAE)
Regional STEM Program
Spring 2018 to Fall 2021

Program Overview:
UMBC intends to offer the MAE program for teachers who want to increase their understanding and implementation of STEM content knowledge, strengthen pedagogy and enhance teacher leadership through graduate level courses. Applicants who are admitted to this program will be admitted and registered as bona fide graduate students of UMBC. Participants completing the program with 36 approved graduate credits will be awarded the Master of Arts in Education (MAE) with a concentration in STEM Education.

The regional group will begin in **Spring 2018**. UMBC will offer program participants four, 3-credit courses or twelve (12) credits per academic year during the spring, summer and fall semesters. Regional group participants are expected to complete the program in four (4) years at the end of **Fall 2021**. Courses are scheduled after school and will be located in a facility near UMBC.

How to Apply for the MAE Regional Group Program:
Prospective participants will begin by mailing the documents outlined in **STEP 1** by **December 15, 2017** to Dr. **Tracy Irish, UMBC Dept. of Education, 1000 Hilltop Circle, Baltimore, MD 21250.** Through review of **STEP 1** documents, UMBC will determine whether your background and qualifications meet the program acceptance requirements and if the group has substantial numbers to begin. If so, you will be asked to complete **STEP 2** of the online graduate application process (instructions enclosed).

Tuition:
Each participant will be responsible to pay tuition each semester for all nine (9) credits taken in each academic year, and will be billed directly by UMBC at the current UMBC discounted tuition at $1,050.00 per course or $350.00 per credit. Participants will automatically be billed the tuition upon registering for the course. Participants can access accounts and pay electronically through *my*UMBC, "Billing & Financials". University deadlines and late fees will apply.

Fees:
A Graduate Application fee of $50 will be required when applying online to the Graduate School. Participants will be billed a one-time matriculation fee of $200. A one-time Education Department Accountability System (Tk20) fee of $100 must be paid directly to Tk20. A technology fee, currently $13 per credit, will be charged each semester. Other University fees could be assessed if warranted – e.g. late payment, late registration, library, or parking violations. During the final semester if choosing to walk in commencement, participants will have to pay for regalia rental. These rates are subject to change based on university policies. All other standard fees associated with graduate courses will be waived. All fees are non-refundable.

Textbooks:
Teachers participating in the program will be responsible for purchasing their textbooks. We recommend using an online service such as Amazon.com. The course instructor will provide detailed information regarding textbook requirements each semester.

Registering for Courses:
Registration is completed on-line through *my*UMBC. Prior to each semester, participants will be contacted by email of the non-published "class number" which will be required to register. Participants are required to register before the start of each class. University deadlines and late registration fees will apply.

Dropping a course, Withdrawing or Leave of Absence:
UMBC Department of Education is committed to each participant's success as a graduate student. Your participation in the regional group is a personal, as well as, a group commitment. If a participant feels that they must interrupt their studies for any reason, please inform the Academic Program Director of your decision. University policies regarding drop and withdrawal can be found at:
www.umbc.edu/sbs/tuition.

Other UMBC Courses or Programs:
The requirements and costs outlined above pertain specifically to courses offered through this regional group program. Participants who wish to pursue coursework or degrees outside of this program will be subject to standard university tuition costs, fees, and procedures for registration and admission.

Final Grades:
Participants can access unofficial and purchase official transcripts on-line through *my*UMBC. Participants are responsible for obtaining official transcripts and requesting any possible reimbursement from their school system.

Application Process
STEP 1: Submit the following documents to apply to the MAE Regional Group Program:

  1. Teacher Profile Form – keep a copy for your records and refer to when filling out your   application.

  2. Transcripts – only official copies (sealed) of all of your transcript(s) showing GPA obtained and certifying completion of the bachelor's degree will be accepted. If you have earned a graduate degree or completed any graduate coursework, include these transcripts as well. Please include all sealed transcripts in this application package. If your college/university sends an electronic transcript, it must be sent directly to UMBC's Graduate School.

  3. Goal Statement - two-paged, double-spaced essay addressing the following questions:
      (1) What are your professional goals for participating in the UMBC MAE Regional Group Program?

(2) What do you see as the main benefits of this program, long and short term, for both you and your students?

4. Three Letters of Recommendation – these should be business or professional only and each should be in a sealed envelope and enclosed in your application packet.

5. Certified Teacher in Maryland validation - either a copy of your teaching certificate or letter from your principal confirming certification status.

6. Registration & Tuition Agreement

Use a paperclip; do not staple the application materials.
All "official" transcripts and recommendations must be sealed.
If necessary, transcripts and/or recommendations can be mailed directly to Dr. Tracy Irish (address below).

STEP 2: Submit online Graduate Application upon notification that you eligible to participate in the program within 5 business days. STEP 2 instructions are included in this packet.

1. UMBC Graduate Application online – you must apply online to be admitted to UMBC Graduate School. Instructions enclosed.

2. $50.00 Graduate Application Fee

QUESTIONS?
For information regarding eligibility for the UMBC MAE Regional STEM Program, please contact:

Dr. Tracy Irish
Science/STEM Coordinator, MAE
UMBC Department of Education
1000 Hilltop Circle, Baltimore, MD 21250
tirish1@umbc.edu
 410-455-3050 Office
410-455-8192 Fax

Mrs. Rita Williams
Program Coordinator
UMBC Department of Education
1000 Hilltop Circle, Baltimore, MD 21250
ritaw@umbc.edu
410-455-6579 Office
410-455-8192 Fax

Teacher Profile Form
UMBC
Master of Arts in Education
(MAE) Regional STEM

Please Print

1. Name: _____

2. Address: _____

3. Phone number(s): Cell:_____Work: _____

4. Email(s): Primary:_____Secondary: _____

5. Current teaching assignment:

Name of School System: _____

   Name of School:_____

    Grade(s):_____Subject(s):_____

Number of years of teaching experience: _____

Area(s) of certification:_____

6. University Name and Education/Undergraduate Degree: _____

   Maiden or alternate name on transcript: _____

Year(s)_____to _____ Degree Earned: _____ GPA: _____

7. Education/Other Schools (e.g. Graduate; Community Colleges)

Name:_____Year(s):_____to_____Degree:_____GPA: _____

Name:_____Year(s):_____to_____Degree:_____GPA: _____

8. Emergency Contact Name & Number:

_____

University of Maryland, Baltimore County (UMBC)
Master of Arts in Education (MAE)
Regional STEM
Registration & Tuition Agreement

By signing this form, I understand:

(1) I am responsible to pay $1050.00 for each course. Billing will occur at the time of registration. Payment will be made electronically through *my*UMBC and university deadlines apply.

(2) As a UMBC Graduate Student, I must maintain a 3.0 GPA or I may be subject to dismissal.

(3) If I receive an incomplete (I) in a course, I will work with the instructor and MAE Academic Program Director to complete the coursework in a timely manner.

(4) If I receive a "D" or "F" (failing grade) for a course, I must retake the course in accordance with the UMBC Graduate School policies. No student may graduate with an unresolved "D", "F" or "I" in a required MAE course.

(5) If I need to interrupt my studies for any reason, I will inform the Academic Program Director.

(6) I am responsible to drop a course online through *my*UMBC and will be subject to the University guidelines for refunds.

Print Name: _____

Signature Required: _____

Date: _____

Thank you.
This form will remain on file in the MAE Program Office