

**UMBC Regional Cohort
Masters of Arts in Education (MAE)
Concentration in PreK-8 STEM Education
Cohort 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 the endorsement for Instructional Leader: STEM PreK-6 from the Maryland State Department of Education.

**Information Session May 18th, 2017
UMBC South Campus
Professional Studies Building Room U572
4:30 – 5:30 pm
Applications accepted now through June 30th, 2017**

Program Schedule

The program will run from Fall 2017 through Summer 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: Cohort will pay a reduced tuition rate of \$1,050.00 per course (\$350.00 per credit).

To RSVP for the Information Session, please email:

Dr. Tracy Irish
Science/STEM Clinical Faculty
UMBC
tirish1@umbc.edu

Directions to UMBC South Campus

FROM (I-95):

Take exit 47 B, towards MD-166/Catonsville. Stay in the middle lane on SR-166 towards MD-166/Catonsville. **Do not take the UMBC campus exit to the right.**

Turn LEFT at traffic light onto S. Rolling Road. Turn Right at the next intersection onto S. Rolling Road/Gun Road. (If you go over a bridge, you have gone too far). Continue on the road that bears left following the signs to the UMBC South Campus complex. Follow the directions below:

FROM (I-295):

Exit at I-195 west toward Catonsville. Once past I-95, following the directions above.

FROM (I-695):

Take I-695 heading West. At exit 12B-C, take Ramp towards MD-372/Wilkens Avenue. Turn LEFT onto Wilkens Avenue/ MD-372 W. Follow road through the traffic circle. Turn LEFT onto MD-166 South (Rolling Road). Past the I-95 exchange, turn Right onto S. Rolling Road/Gun Road. (If you go over a bridge, you have gone too far.) Continue on the road that bears left following the signs to the UMBC South Campus complex. Follow directions below to the building.

FROM (I-83):

Take I-83 to I-695 West and follow directions from I-695.

Professional Studies Building (Behind Main Building) - 1442 S. Rolling Road

Once in the South Campus, turn right at the main sign and go up the hill (toward 1422). Parking is located on the RIGHT. Once you park, walk up the hill and the Classroom Building is on your right.

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

Year 1

Semester	Fall '17	Spring '18	Summer '18
Course Number	STEM 506	STEM 533	EDUC 772
Course Name	The Designed World	Culturally Responsive Teaching in STEM	Assessment and Evaluation

Year 2

Semester	Fall '18	Spring '19	Summer '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	Fall '19	Spring '20	Summer '20
Course Number	EDUC 795	STEM 509	SCIE 534
Course Name	Seminar in the Study of Teaching	Environmental Engineering Design	Experimental Design

Year 4

Semester	Fall '20	Spring '21	Summer '21
Course Number	EDUC 781	EDUC 785	STEM 550
Course Name	Teacher Leadership	Advanced Instructional Leadership Practicum	Emerging Technologies and their Applications