

# UTICA CENTER FOR MATH, SCIENCE AND TECHNOLOGY

## Program Overview

A highly selective, half-day magnet program comprised of academically talented students taking rigorous courses in mathematics, science, and computer science with integrated technology. Graduates of this program will receive a new STEM (science, technology, engineering, & mathematics) endorsement on their diploma. MST is the first program in Michigan to meet the requirements for this new endorsement.

Freshman/Seniors attend in the morning from 7:45-10:30 am while Sophomores/Juniors attend in the afternoon from 11:05-1:40 pm. Students will be bussed to/from their home schools to attend. Classes take place at the Joan C. Sergeant Instructional Resource Center located at 14201 Canal Rd, Sterling Heights, 48313.

Students will take a total of eight advanced placement classes at MST. Advanced placement classes allow a student to earn college credit while in high school. Students choose to take the Collegeboard advanced placement test in May for each of their AP courses. If the student passes, he or she will be awarded college credit at the university. This website will allow you to research the university and test score needed to earn credit: <https://apstudents.collegeboard.org/getting-credit-placement/search-policies>

## Curriculum

Upon completion of the program, students will have completed the following classes in math, science, & computer science.

<b>Math</b>	<b>Science</b>	<b>Computer Science</b>
Advanced Geometry/Algebra/Discrete Math	Advanced Placement Environmental Science	Advanced Placement Computer Science Principles
Math Analysis	Biochemistry & Foundations of Research*	Advanced Placement Computer Science A (java programming)
Foundations of Calculus	Biotechnology*	
Advanced Placement Statistics	Advanced Placement Algebra-based Physics	
Advanced Placement Calculus BC	Advanced Placement Chemistry	
	Advanced Placement Biology or Advanced Placement Calculus-based Physics	

\*Class name may change as curriculum is undergoing an update

### How Do I Apply to UCMST?

- Apply on-line at [uticak12.org/academics/specialtyprograms](https://uticak12.org/academics/specialtyprograms)
  - Paper copies of the application are available in junior high counseling offices
  - Application is open from Wednesday, February 5, 2020 at 4:00 p.m. through 11:59 pm Friday, Feb 14<sup>th</sup>.
  - Apply for at most two UCS Specialty Programs (UCMST, CSI, UAIS/IB, Stevenson MADE)
  - Carefully consider which program is your first choice
- Choose one of two testing dates on your application to participate in a science reasoning test
  - Saturday, February 29, 2020 at 11:00 a.m. or Saturday, March 7, 2020 at 8:00 a.m.
  - Testing location: Joan C. Sergeant Instructional Resource Center, 14201 Canal Road, Sterling Heights, 48313
- Other admission considerations:
  - Completion of Algebra I by June 2020
  - School attendance
  - Junior high math grades
  - PSAT 8 math score

### Need More Information?

- Follow us on Instagram, **ucmst**, to get an idea of day to day happenings at MST.
- Follow us on Facebook, **Utica Center for Math, Science and Technology**
- Visit our website: <https://ucmst.uticak12.org/home>
- We'd love to invite your student to **shadow a current student** at MST. Please request a shadow at <https://forms.gle/b5vLXnA1zQhPxSq96>
- Join us for an **informational meeting** on Thursday, January 30, 2020 at 6:30 pm. This meeting will take place at the Joan C. Sergeant Instructional Resource Center, 14201 Canal Rd, Sterling Heights, 48313

### Additional Questions?

Please contact either:

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Courtney Struck, UCMST Counselor, at [courtney.struck@uticak12.org](mailto:courtney.struck@uticak12.org) (586)797-6803