Western Michigan University

Master of Arts in Teaching:

Teaching Secondary Math/Science

Program Requirements

35-45 hours depending on content discipline.

Year 1

Summer Coursework (taken across summer I and summer II)

Candidates will also be participating in additional seminars and workshops during the summer, and should plan to be on campus a minimum of four days a week from mid-May through mid-August.

* ED 6035 - Risk and Resilience in Adolescent Development **Credits:** 3 hours
* ES 6150 - Education From a Socio-Cultural Perspective **Credits:** 3 hours
* SCI 6205 - Science Content and Pedagogy in the Secondary School **Credits:** 3 hour

And/Or

* ED 6605 - Mathematical Thinking Grades 6-12 **Credits:** 3 hours

Fall Coursework

* LS 6870 - Strategic Learning through Texts for High School Teachers **Credits:** 3 hours (Required by the State of Michigan for Professional Certification)
* SPED 6290 – Secondary ED Inclusive Practices **Credits:** 3 hours
* ED 6445 - Secondary School Field Experience **Credits:** 4 hours
* SCI 6305 - Science Teaching and Learning in the Secondary School **Credits:** 3 hours

And/Or

* ED 6615 - Mathematics Curriculum Grades 6-12 **Credits:** 3 hours

Spring Coursework

These courses follow district calendars and do not conclude at the end of the WMU semester, but when districts close for the summer.

* ED 6452 - Secondary School Internship **Credits:** 2 to 10 hours
* ED 6455 - Secondary School Internship Seminar **Credits:** 1 hour

Note:

Teacher Candidates can qualify for certification at conclusion of these courses in early/mid-June.

Year 2

* LS 5160 - Professional Symposium in Reading **Credits:** 3 hours
* ED 6010 - Introduction to Research in Educational Settings **Credits:** 3 hours
* ED 6790 - Capstone Research Project **Credits:** 3 hours