



Secondary Education, Math Curriculum Requirements – 7th-12th Grade Licensure

COURSES REQUIRED	HRS.	GRADE
MSU General Education Core Curriculum		
ENGLISH COMPOSITION—6 hours		
EN 1103 or equivalent (C or higher)	3	
EN 1113 or equivalent (C or higher)	3	
MATHEMATICS — 6 hours (See University Core)		
MA 1713 Calculus I	3	
MA 1723 Calculus II	3	
NATURAL SCIENCES—9-12 hours – must have 2 labs (See University Core)		
Physical Science (cal-based PH, CH 1213 or higher)	3 or 4	
Physical Science (cal-based PH, CH 1213 or higher)	3 or 4	
Biological Science	3 or 4	
HUMANITIES—6 hours		
HI 1063 Early US History	3	
HI 1073 Modern US History	3	
SOCIAL SCIENCES—6 hours		
SO 1003 Introduction to Sociology	3	
PSY 1013 General Psychology	3	
FINE ARTS—3 hours		
(See University Core)	3	
POLITICAL SCIENCE —3 hours		
PS 1113 American Government	3	
LITERATURE ELECTIVES —6 hours		
Literature course (See University Core)	3	
Literature course (See University Core)	3	
COMPUTER LITERACY—3 hours		
CSE 1233 Computer Programming-C or CSE 1273 Computer Programming-Java	3	
ORAL COMMUNICATION—3 hours		
CO 1003 Fundamentals of Public Speaking	3	
Math Content Curriculum		
MA 2733 Calculus III	3	
MA 2743 Calculus IV	3	
MA 3053 Foundations of Math	3	
MA/ST 3123 Introduction to Statistical Inference	3	
MA 3113 Introduction to Linear Algebra	3	
MA 3163 Introduction to Modern Algebra	3	
MA 3253 Differential Equations I	3	
MA 3463 Foundations of Geometry <i>[Spring Only]</i>	3	
MA 3513 History of Mathematics <i>[Spring Only]</i>	3	
MA 4523 Introduction to Probability <i>[Fall Only]</i>	3	
Teacher Education Curriculum - <i>*before Phase II **Last Semester</i>		
EDF 3333 Social Foundations of Education*	3	
EDX 3213 Individualizing Instruction for Exceptional Children*	3	
EDS 3413 Principles of Secondary Education*	3	
EPY 3143 Human Development and Learning Strategies in Education*	3	
RDG 3513 Developing Reading Strategies Secondary School Content Areas	3	
EDS 3633 Secondary Math Ed. (Take before EDS 4633) <i>[Spring Only]</i>	3	
EDS 4633 Methods of Teaching Math (Take after EDS 3633) <i>[Fall Only]</i>	3	
EDS 4873 Seminar in Managing the Secondary Classroom	3	
EDS 4403 Evaluation of Learning in Secondary Schools**	15	
EDS 4886 Teaching Internship in Secondary Education**		
EDS 4896 Teaching Internship in Secondary Education**		



Phase I – Declaring your major in Elementary, Secondary or Special Education

Phase I identifies teacher candidates who have declared a major in Elementary, Secondary or Special Education prior to official admission into Teacher Education (Phase II). Students must have an overall GPA of 2.5 to transfer, or in order to change their major to Elementary, Secondary or Special Education.

Phase II: Admission to Teacher Education Requirements:

See advisor to apply for admission to teacher education.

Students must have the following qualifications before being admitted to Phase II

- Minimum 2.75 GPA on 44 hours of the MSU general education core and cumulative GPA of 2.5
- Test scores: ACT 21 composite (equivalent SAT) **or** Praxis Core Academic Skills for Educators scores: 156 reading (5713), 162 writing (5723), 130 mathematics (5733) **or** 3.0 GPA on 60 hours

Once students are ready for Phase II, they will be admitted to the Admission to Teacher Education Canvas course to submit the following items:

- Background check
- Two recommendation forms from educators
- Verification of 40 hours of work experience with children or youth
- Signed Dispositions form
- Proof of liability insurance
- Licensure information form
- Purchase a subscription to Taskstream by Watermark

All forms and instructions on how to complete the information above are in the Canvas course, and all items will be submitted digitally in Canvas.

Phase III: Teaching Internship Requirements:

- Completion of all professional education courses with a C or higher in each course
- Minimum overall 2.5 GPA
- Applications for internship are due during the semester before internship. The Office of Clinical/Field-Based Instruction, Licensure and Outreach will reach out to the students to prep them for Phase III.
- Take the Praxis Subject Assessment and the Praxis Principles of Learning and Teaching (PLT) prior to internship

Phase IV: Graduation Requirements:

- Completion of at least 121 hours with the last 25% of hours earned at MSU
- No more than 60 community college hours applied to degree
- Grades of C or higher in all professional education and content courses

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The curriculum sheet is meant to assist in advising and planning. Degree Works is the authoritative outline of degree requirements. Students must complete all curriculum requirements in the Degree Works to graduate.