

Candidate's Program Sheet: Mathematics Certification

School of Education/ FMU Effective August 2021 (Revised 9/21)

Name: _____

ID#: _____

General Education (42 – 43 hours)

		Sem Hours
Basic Communications: (9-10 hours)	<input type="checkbox"/> English 101 OR English 101E/L	3 or 4
	<input type="checkbox"/> English 102	3
	<input type="checkbox"/> Speech 101	3
Social Sciences: (9 hours)	<input type="checkbox"/> Political Science 101 or Political Science 103	3
	<input type="checkbox"/> Anthropology, Economics, Geography, or Sociology	3
	<input type="checkbox"/> Anthropology, Economics, Geography, Political Science, Sociology, or Honors 250-259	3
Humanities: (12 hours)	<input type="checkbox"/> Literature (Any language)	3
	<input type="checkbox"/> History	3
	<input type="checkbox"/> Art 101, Music 101, or Theatre 101	3
	<input type="checkbox"/> Math 315: History of Mathematics	3
Mathematics: (6 hours)	<input type="checkbox"/> Requirements satisfied by major courses (listed below)	6
Natural Sciences: (12 hours) <i>Labs required!!</i>	<input type="checkbox"/> Biology	4
	<input type="checkbox"/> Chemistry, Physics, or Physical Science	4
	<input type="checkbox"/> Astronomy, Biology, Chemistry, Physics, Physical Science, Psychology 206/216, or Honors 280-289	4
Pre-Professional Education: (6 hours)	<input type="checkbox"/> Education 190: The Student, School, and Community	3
	<input type="checkbox"/> Education 192: Introduction to Education	3
Professional Education: (31 hours) <small>*Praxis I required for Ed 310 and higher and must be fully admitted into Professional Education Program. *Praxis II PLT and Specialty Area required for admission to Student Teaching.</small>	<input type="checkbox"/> Education 310: ¹ OR Computer Science 190 or higher	3
	<input type="checkbox"/> Education 311: Foundations of Planning and Assessment	3
	<input type="checkbox"/> Education 313: Field Experience in Instruct Planning	2
	<input type="checkbox"/> Education 420: Introduction to Exceptional Students	3
	<input type="checkbox"/> Education 393: Clinical Experience: Secondary	2
	<input type="checkbox"/> Education 436: Teaching Math in Secondary School (<i>ED 393 and ED 436 are Co-Requisites</i>)	3
	<input type="checkbox"/> Education 487: ² Classroom Management	3
	<input type="checkbox"/> Education 490: ² Directed Teaching	12
Supporting Courses: (6 hours)	<input type="checkbox"/> Education 322: Foundations in the Instruction of Reading	3
	<input type="checkbox"/> Education 411: Reading and Writing in the Content Areas (<i>Requires Admission to Professional Education Program</i>)	3
Mathematics Courses: (33 hours)	<input type="checkbox"/> Math 201: Calculus I	3
	<input type="checkbox"/> Math 202: Calculus II	3
	<input type="checkbox"/> Math 203: Calculus III	3
	<input type="checkbox"/> Math 230: Discrete Mathematics	3
	<input type="checkbox"/> Math 304: Linear Algebra	3
	<input type="checkbox"/> Math 306: Multivariable Calculus	3
	<input type="checkbox"/> Math 213: Python OR Computer Science 190	3
	<input type="checkbox"/> Math 311: Transition to Higher Mathematics	3
	<input type="checkbox"/> Math 312: Probability and Statistics	3
	<input type="checkbox"/> Math 315: History of Mathematics	-
<input type="checkbox"/> Math 345: Plane Geometry	3	
<input type="checkbox"/> Math 405: Abstract Algebra	3	
<input type="checkbox"/> Math 499: Mathematics Capstone	3	
<input type="checkbox"/> Math 213: Python OR Computer Science 190 OR Computer Science 226	3	
ONE COLLATERAL NEEDED: (12 hours)	Subject Area:	
	<input type="checkbox"/> Course 1:	3
	<input type="checkbox"/> Course 2:	3
	<input type="checkbox"/> Course 3:	3
	<input type="checkbox"/> Course 4:	3
Total Number of Hours:		122 – 131

Teacher Candidates and prospective teacher candidates are ultimately responsible for their own progress through programs at FMU. Candidates should consult the university catalog frequently to ensure that they comply with requirements for entrance into, progress within, and successful completion of an education program.