

### Math Education Track Requirements

#### Part A: Required Prerequisites

Math 1151	Calculus I*	5
Math 1152	Calculus II*	5
Math 1295	Introductory Seminar	1

Choose one of the following three:

CSE 1222	Introduction to Computer Programming in C++ for Engineers and Scientists	3
CSE 1223	Introduction to Computer Programming in Java	3
CSE 2221	Software I: Software Components	3

#### Part B: Major Program (Minimum grade of C- and GPA of 2.0)

##### Core Requirements

Math 2153	Calculus III*	4
Math 2568	Linear Algebra*	3
Math 3345	Foundations of Higher Mathematics*	3
Math 4530 or Stat 4201	Probability or Introduction to Mathematical Statistics I	3-4
Stat 4202	Introduction to Mathematical Statistics II	4

##### Required Courses

Math 4547	Introductory Analysis I	3
Math 4548	Introductory Analysis II	3
Math 4580	Abstract Algebra I*	3
Math 4581	Abstract Algebra II	3
Math 4504	History of Mathematics*	3
Math 4507	Geometry*	3
Math 4578	Discrete Mathematical Models*	4
<b>Total Hours</b>		<b>39-40</b>

\*Courses needed for OSU MEd program

Additional courses required for admissions to the MED program

ESEPSY 5401 or Psych 3551 Adolescent Learning/Development

EDUTL 5442 Teaching Reading Across the Curriculum

ESSPED 5650 Intro to Exceptional Children



### Math Education Track Sample Schedule

	Autumn		Spring		Major Hours
Year 1	Math 1151	5	Math 1152	5	0
	ARTSSCI 1100.01	1	Math 1295	1	
	CSE 1222,1223 or 2221	3	English 1110	3	
	GE	3	GE	3	
	GE	3	GE	3	
		15		15	
Year 2	Math 2153	4	Math 3345	3	10
	GE	3	Math 2568	3	
	GE	3	GE	3	
	GE	3	GE	3	
	GE	3			
		16		12	
Year 3	Math 4530 or Stat 4201	3-4	Stat 4202	4	16-17
	Math 4547 or 4580	3	Math 4548 or 4581	3	
	GE	3	Math 4504	3	
	GE	3	GE	3	
		12-13		13	
Year 4	Math 4547 or 4580	3	Math 4548 or 4581	3	12
	Math 4507	3	Math 4578	4	
	GE	3	GE	3	
		9		10	

Additional hours may be necessary depending on course selection.