

SAMPLE Plan of Study for Mathematics Education (MAED)

	MATH requirements		Science 2007 Core requirements		Education requirements		Electives		Hours
Semester 1									
Course Title Hours	MA 16100, 16500 Calculus I 4-5		ENGL 10600/10800 Freshman Comp 3-4	Language 10100 ² 3-4			MA 10800 Intro Math 1	Free 3	14-17
Semester 2									
Course Title Hours	MA 16200, 16600, 17300, 18100 Calculus II 4-5	CS 17700 ⁵ Programming 4		Language 10200 ² 3-4	EDCI 27000 ED Tech 3		Free 3		17-19
Semester 3									
Course Title Hours	MA 26100, 17400, 18200, 27100 Calculus III 4-5	MA 46000 Geometry 3	Lab Science I 3-4		EDCI 20500 Block I 3	EDCI 28500 ⁴ Block I 3			16-18
Semester 4									
Course Title Hours	Problem Solving ⁸ 3	STAT 31100, 41600, 51600 Probability 3	Lab Science II 3-4	COM 21700 Writing/Present 3			Free 3		15-16
Semester 5									
Course Title Hours	MA 30100 Intro Analysis 3	MA 35100 Linear Alg 3			EDPS 23500 Block II 3	EDPS 26500 ³ Block II 3	Free 3	Free 3	18
Semester 6									
Course Title Hours	STAT 35000 ⁶ Statistics 3	MA 36600 Diff Eqn 4	General Education I 3	Great Issues 3	EDST 20000 Ed Phil 3				16
Semester 7									
Course Title Hours	MA 45300, 45000 Algebra 3	MA Elective ⁷ 3	General Education II 3		EDCI 42500 Methods 3		Free 3		15
Semester 8									
Course Title Hours					EDCI 42600 Methods 2	EDCI 49800M ¹ Student Teaching 10			12

¹ Completion of the Education curriculum fulfills the teambuilding and collaboration and multidisciplinary requirements for Science

² Language and Culture requirement may also be satisfied via an approved Study Abroad for a semester

³ EDPS 23500 fulfills the 3rd General Education course requirement for Science

⁴ EDCI 28500 fulfills the 3rd Language and Culture course requirement for Science

⁵ CS 17700 is required for Math Education and also fulfills the computer science requirement for Science

⁶ STAT 35000 fulfills the Statistics requirement for Science and fulfills the MA/CS/STAT requirement for Math Education

⁷ MA Elective at the 30000 level or higher approved by your advisor.

Strong students are encouraged to apply for admission into free elective MA 48400, supervised teaching of one section of MA 15300.

⁸ One of MA 34100, 35300, 37500, 42500, or 44000.

Not all courses offered every semester or year.

Note: Enrollment in EDPS 23500, EDPS 26500, EDCI 42500 and EDCI 42600 is restricted to those admitted to Teacher Education and also meet the GPA Requirements.

GPA Requirements: 2.5 Cumulative, 2.5 Content (MA/STAT/CS courses), 3.0 Education Courses

Total: 123-131

Total must be ≥ to 124