Kean University 120 S.H.

CSMT/MathematicalSciences

B.A.inMathematics/K-12(78294)

4 Year Plan

								Recommended Credits	
Year 01	*Fall*	GE 1000 Transition to Kean (1cr)	MATH 1054 Precalculus (3cr)	HIST 1062 Worlds of History (3cr)	ENG 1030 College Composition (3cr)	COMM 1402 Speech Communication (3cr)	Humanities GE Course (3cr)	16	
	Winter								
	Spring	MATH 2415 Calculus I (4cr)	SOC 1000 or ANTH 1800 (3cr)	MATH 2995 Matrix and Linear Algebra 1 (3cr)	Humanities GE Course (3 cr)	ENG 2403 World Literature (3cr)		16	
	Summer								
Year 02	*Fall*	MATH 3110 Intro to Profs (3cr)	MATH 2416 Calculus II (4cr)	ID 2052 Human Exceptionality (3cr)	MATH 2800 Mathematical Software (1cr)	PSY 1000 Psychology (3 cr)		14	
	Winter								
	Spring	MATH 3415 Calculus III (4cr)	MATH 2526 Applied Statistics (3 cr)	EMSE 2801 Intro to Clinical Experience (3cr)	BIO 1000 Principles of Biology (4cr)	PSY 2110 Psychology of Adolescence (3 cr)		17	
	Summer								
Year 03	*Fall*	MATH 3342 Euclidean and Non-Eucl Geometry (3 cr)	EDUC 3000 Curriculum, Eval, and Learner (3cr)	MATH 3544 Probability and Mathematical Statistics (3cr)	EDUC 3401 Language Arts/Reading K-12 (3 cr)	GE Science and Math (3 or 4 cr)		16	
	Winter								
	Spring	EMSE 3122 Technology in Education (3cr)	CPS 1231 Fund of Computer Science (4cr)	Major Elective (3 cr)	MATH 3891 History of Mathematics (3cr)	EMSE 3903 Teaching Eng Language Learners (3cr)		16	
	Summer								
Year 04	*Fall*	Major Elective (3cr)	MATH 4890 Senior Seminar in Mathematics (3cr)	EMSE 4711 Clinical I Practice/Subj Area K-12 (3 cr)	EMSE 3220 Math Education K12 (3 cr)	Free Elective (1cr)		13	
	Winter								
	Spring			EMSE 4811 Clinical II Practice/Subj Area K-12 (9 cr)	EDUC 4000 Teacher and Classroom (3cr)			12	
		Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.					**TOTAL REQUIRED**	**120**	

Date/RevisionDate