

4 Year Plan MATHEMATICS
SCHOOL OF CURRICULUM & TEACHING in the COLLEGE OF EDUCATION
B.A. ELEMENTARY MIDDLE EDUC K-6/5-8 TSD (24119)

							Recommended Credits		
Year 01	Fall	GE 1000/3000 Transition to Kean/Transfer Transitions 1 cr	ENG 1030 College Composition 3 cr	MATH 1000 or 1010 or 1016 or 1030 or 1054 3 cr	COMM 1402 Speech Communication 3 cr	GE 2022 Research & Technology 3 cr	13		
	Winter								
	Spring	ENG 2403 World Literature 3 cr	MUS 1050 or 1000 Music 3 cr	HIST 1062 Worlds of History 3 cr	PSY 1000 Psychology 3 cr	ES 1010 World Geography 3 cr	AH 1700 Art History (or ID 1500) 3 cr	18	
	Summer	BIO 1000 Prin of Biology 4cr	EMSE 1996 Freshman research (OPTIONAL; may be taken up tot twice for credit) 1 cr					4 to 5	
Year 02	Fall	MATH 1010 or 1016 or 1030 or 1054 3 cr	2ND Science (Bio/Chem/ES/ENV/Forensic Sci/ID/Phys/Sustain) 3-4cr	PSY 2100 Child Psychology 3 cr	ID 2052 Human Exceptionality 3 cr	PSY 2110 Psychology of Adolescence 3 cr	15 to 16		
	Winter								
	Spring	SPED 2200 Multicult Learner Diverse Sett 3 cr	EMSE 2800 Sophmore Field Experience 3 cr	MATH 2526 Applied Statistics (3cr)	MATH 2415 Calculus I (4cr)	MATH 2995 Matrix and Linear Algebra (3 cr)		16	
	Summer	HIST 2303 or HIST 2304 3 cr	MATH Elective (3 cr)					6	
Year 03	Fall	EDUC 3000 Curriculum Eval Learner 3 cr	EMSE 3140 Social Studies Cont. Issues 3 cr	MATH 2416 Calculus II (4 cr)	MATH 3110 Introduction to Proofs (3cr)	ID 3051 Comp Tech Today's Society 3 cr	16		
	Winter								
	Spring	HIST 2303 or HIST 2304 3 cr	ID 3162 Families as Collab Class in Schl & Comm 3 cr	MATH 3415 Calculus III (4 cr)	MATH Elective (3 cr)	MATH 3342 Euclidean and Non-Eucl Geometry (3 cr)	16		
	Summer	MATH 3891 History of Mathematics (3cr)	MATH Probability and Math Statistics (3 cr)				6		
Year 04	Fall	EMSE 3123 Math & Sci Elem Educ 3 cr	EMSE 4712 Clinical Practice I 3 cr	EDUC 3400 Langt/Rdg in Pre/Elem Curr 3 cr	ID 3163 Classroom Management 3 cr	SPED 3000 Prin & Pract Contemp Educator 3 cr	15		
	Winter								
	Spring *	EMSE 4812 Professional Internship 9 cr	EMSE 4900 Senior Seminar 3 cr				12		
TOTAL							187-189		

Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.