

**SCHOOL OF CURRICULUM & TEACHING in the COLLEGE OF EDUCATION**  
**B.A. ELEMENTARY MIDDLE BILINGUAL EDUC K-6 (24116)**  
**4 Year Plan MATHEMATICS**

9/17/2019

							<b>Kean University 120 S.H.</b>		
							<i>Required</i>		
							<i>Credits</i>		
<b>Year 01</b>	<i>Fall</i>	GE 1000/3000 Transition to Kean/Transfer Transitions 1 cr	ENG 1030 College Composition 3 cr	MATH 1000 or 1010 or 1016 or 1030 3 cr	COMM 1402 Speech Communication 3 cr	AH 1700 Art History 3 cr	13		
	<i>Winter</i>								
	<i>Spring</i>	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	GE 2022 Research & Technology 3 cr	18	
	<i>Summer</i>	BIO 1000 Prin of Bio 4cr						4	
<b>Year 02</b>	<i>Fall</i>	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	ID 2950 The Child and Technology 3 cr	15 to 16		
	<i>Winter</i>	EMSE 1996 Freshman Research (OPTIONAL; may be taken up to twice for credit) 1 cr					1		
	<i>Spring</i>	EMSE 2800 Sophmore Field Experience 3 cr	HIST 2303 or HIST 2304 3 cr	Free Elective 1000-2000 2 cr	MATH 2415 Calculus I (4cr)	MATH 2995 Matrix and Linear Algebra (3cr)		15	
	<i>Summer</i>								
<b>Year 03</b>	<i>Fall</i>	EDUC 3000 Curriculum Eval Learner 3 cr	EMSE 3140 Social Studies Cont. Issues 3 cr	HIST 2303 or HIST 2304 3 cr	MATH 2416 Calculus II (4cr)	MATH 3110 Intro to Proofs(3cr)	16		
	<i>Winter</i>								
	<i>Spring</i>	EMSE 3410 Teaching Tech Bil/Bicult Stud 3 cr	EMSE 4440 Intro Bilingual Education 3 cr	MATH 3342 Euclidean and Non-Eucl Geometry (3cr)	MATH 2526 Applied Stats I (3cr)			12	
	<i>Summer</i>								
<b>Year 04</b>	<i>Fall</i>	EMSE 3420 Basic theory/Practice ESL 3 cr	EMSE 4710 Clinical Practice I 3 cr	EMSE 3123 Math & Sci Elem Educ 3 cr	EDUC 3400 Langt/Rdg in Pre/Elem Curr 3 cr	EMSE 4441 Hist & Culture LEP/ELL Stud 3 cr	15		
	<i>Winter</i>								
	<i>Spring *</i>	EMSE 4810 Professional Internship 9 cr	EMSE 4900 Senior Seminar 3 cr					12	
<b>TOTAL</b>							<b>120-122</b>		

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