

SCHOOL OF CURRICULUM & TEACHING in the COLLEGE OF EDUCATION
 B.A. ELEMENTARY MIDDLE BILINGUAL EDUC K-6 (24116)
 4 Year Plan- BIOLOGY option
 9/17/15

							Recommended Credit	
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 3 cr	COMM 1402 Speech Communication 3 cr	AH 1700 Art History 3 cr	1st Science: CHEM 1010 or CHEM 1030/1030L 4 cr	17
	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	GE 2022 Research & Technology 3 cr	18
	Summer							
Year 02	Fall	MATH 1010 or 1054 3 cr	2nd Science: BIO 1300 General Biology 1 4 cr	PSY 2100 Child Psychology 3 cr	ID 2052 Human Exceptionality 3 cr	EMSE 1906 Freshman research (OPTIONAL; may be taken up to twice for credit) 1 cr		13 to 14
	Winter							
	Spring	EMSE 2800 Sophomore Field Experience 3 cr	HIST 2303 or HIST 2304 3 cr (Hist majors: PS 1010 or ECO 1020 3 cr)	Free Elective 1 cr	BIO 1400 General Biology 2 4 cr	ID 2950 The Child and Technology 3 cr		14
	Summer							
Year 03	Fall	EDUC 3000 Curriculum Eval Learner 3 cr	EMSE 3140 Social Studies Cont. Issues 3 cr	BIO 2500 Principles of Botany 4 cr	HIST 2303 or HIST 2304 3 cr (Hist majors: PS 1010 or ECO 1020 3 cr)	BIO 3400 Zoology Form and Function 4 cr		17
	Winter							
	Spring	EMSE 3410 Teaching Tech Bil/Bicult Stud 3 cr	EMSE 4440 Intro Bilingual Education 3 cr	BIO 3614 Principles of Ecology 4 cr	BIO 3709 Principles of Genetics 4 cr			14
	Summer							
Year 04	Fall	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 Lang/Bdg in Pre/Elem Curr 3 cr	EMSE 4441 Hist & Culture LEP/ELL Stud 3 cr		15
	Winter							
	Spring	EMSE 4810 Professional Internship 9 cr	EMSE 4900 Senior Seminar 3 cr					12
<i>Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.</i>							TOTAL	120-121