

SCHOOL OF CURRICULUM & TEACHING in the COLLEGE OF EDUCATION
B.A. ELEMENTARY MIDDLE BILINGUAL EDUC K-6,5-8 (2411)
4 Year Plan EARTH SCIENCE
 9/17/16

							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 3 cr	COMM 1402 Speech Communication 3 cr	AH 1700 Art History (or ID 1500) 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	GE 2022 Research & Technology 3 cr	18	
	Summer	BIO 1000 Principles of Biology 4cr	EMSE 1996 Freshman research (OPTIONAL; may be taken twice for credit) 1 cr					4 to 5	
Year 02	Fall	MATH 1010 or 1016 or 1030 or 1054 3 cr	ENV 1100 Intro to Env Science 4 cr	PSY 2100 Child Psychology 3 cr	ID 2052 Human Exceptionality 3 cr	ID 2950 The Child and Technology 3 cr	16		
	Winter								
	Spring	EMSE 2800 Sophomore Field Experience 3 cr	HIST 2303 or HIST 2304 3 cr	PSY 2110 Psychology of Adolescence 3 cr	ES 1100 Intro to Astronomy 4 cr	ES 1200 Intro to Geology 4 cr		17	
	Summer								
Year 03	Fall	EDUC 3000 Curriculum Eval Learner 3 cr	EMSE 3140 Social Studies Cont. Issues 3 cr	3000-4000 level Major Elective 3-4 cr	HIST 2303 or HIST 2304 3 cr	ES 1300 Intro to Meteorology 4 cr	16 to 17		
	Winter								
	Spring	EMSE 3410 Teaching Tech Bil/Bicult Stud 3 cr	EMSE 4440 Intro Bilingual Education 3 cr	ES 2400 Intro to Oceanography 4 cr	3000-4000 level Major Elective 4 cr	ES 4981 Environmental Issues Seminar 3 cr		17	
	Summer	3000-4000 level Major Elective 4 cr						4	
Year 04	Fall	EMSE 3420 Basic theory/Practice ESL 3 cr	EMSE 4712 Clinical Practice I 3 cr	EMSE 3123 Math & Sci Elem Educ 3 cr	EDUC 3400 Lang/ Bldg in Pre/Elem Curr 3 cr	EMSE 4441 Hist & Culture LEP/ELL Stud 3 cr	15		
	Winter								
	Spring *	EMSE 4812 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	189-184	