

Recommended credits

<b>Year 01</b>	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		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						4	
<b>Year 02</b>	Fall	MATH 1010 or 1016 or 1030 or 1054 3 cr	ENV 1100 Intro to Environmental 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 Sophmore Field Experience 3 cr	HIST 2303 or HIST 2304 3 cr	Free Elective 1000-2000 LEVEL 1 cr	ES 1100 Intro to Astronomy 4 cr	ES 1200 Intro to Geology 4 cr		15	
	Summer	EMSE 1996 Freshman research (OPTIONAL; MAY BE TAKEN TWICE FOR CREDIT) 1 cr						1	
<b>Year 03</b>	Fall	EDUC 3000 Curriculum Eval Learner 3 cr	EMSE 3140 Social Studies Cont. Issues 3 cr	ES 1300 Intro to Meterology 4 cr	HIST 2303 or HIST 2304 3 cr			13	
	Winter								
	Spring	EMSE 3410 Teaching Tech Bil/Bicult Stud 3 cr	EMSE 4440 Intro Bilingual Education 3 cr	ES, ENV or SUST 3000-4000 level Major Elective 4 cr	ES 2400 Intro to Oceanography 4 cr			14	
	Summer								
<b>Year 04</b>	Fall	EMSE 3420 Basic theory/Practice ESL 3 cr	EMSE 4710 Clinical Practice 1 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	
	Winter								
	Spring *	EMSE 4810 Professional Internship 9 cr	EMSE 4900 Senior Seminar 3 cr					12	

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

**TOTAL**

**120-121**

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

9/17/2019