

Year 01	Fall	STME 2000 & 2099 Math/Comp Methods I (3 cr) & Lab (1 cr)	STME 1000 & 1099 Chemical Systems I (3 cr) & Lab (1 cr)	STME 1700 & 1799 Living Systems I (3 cr) & Lab (1 cr)	STME 1903 Research Methods (1 cr)	ENG 1030 College Composition (3 cr)	GE 1000 Transition to Kean (1 cr)	17	
	Winter								
	Spring	STME 2100 & 2199 Math/Comp Methods II (3 cr) & Lab (1 cr)	STME 1100 & 1199 Chemical Systems II (3 cr) & Lab (1 cr)	STME 1800 & 1899 Living Systems II (3 cr) & Lab (1 cr)	<i>RFI Track:</i> STME 2903 Research Experience (2 cr)	COMM 1402 Speech Commun (3 cr)		15-17	
	Summer								
Year 02	Fall	GE 2024 Research & Tech (3 cr)	<i>Non-RFI Track:</i> HIST 1062 World of History (3 cr)	ES 1000 Observing the Earth (3 cr)	BIO 2500 Principles of Botany (4 cr)	PSY 1000 General Psychology (3 cr)	<i>RFI Track:</i> STME 3903 Advanced Res Exp (3 cr)	16	
	Winter								
	Spring	STME 2300 & 2399 Probabilistic Methods (3 cr) & Lab (1 cr)	GE Approved Humanities Requirement (3 cr)	EMSE 2801 Intro Field Experience (3 cr)	PSY 2110 Psych of Adolescence (3 cr)			13	
	Summer								
Year 03	Fall	STME 2681 & 2683 Organic Chem Honors I (3 cr) & Lab (2 cr)	STME 2700 & 2799 Physical Systems I (3 cr) & Lab (1 cr)	BIO 3400 Zoology Form & Funct (4 cr)	BIO 3614 Principles of Ecology (4 cr)			17	
	Winter								
	Spring	STME 2682 Organic Chem Honors II (3 cr)	BIO 3403 Anatomy & Physiology I (4 cr)	<i>Non-RFI Track:</i> STME 3610 Current Issues (1 cr)	BIO 3709 Genetics (4 cr)	ENG 2403 World Literature (3 cr)		14-15	
	Summer								
Year 04	Fall	BIO 3315 & 3315L Microbiology (3 cr) & Lab (1 cr)	EMSE 3230 Science Educ K-12 (3 cr)	EMSE 5315 Lang Arts & Reading (3 cr)	EMSE 5320 Computers in School (3 cr)			13	
	Winter								
	Spring	STME 3100 & 3199 Biochemistry Honors I (3 cr) & Lab (1 cr)	STME 4610 Science & Tech Sem (3 cr)	EDUC 3000 Curric, Eval & Learner (3 cr)	EMSE 3903 Teach Eng Lang Learn (1 cr)	<i>Non-RFI Track:</i> Free Elective (3 cr)	<i>RFI Track:</i> HIST 1062 World of History (3 cr)	14	

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

TOTAL REQUIRED 120-124