

							Recommended Credits		
<b>Year 01</b>	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)	GE 2024 Research & Tech (3 cr)	<i>RFI Track:</i> STME 2903 Research Experience (2 cr)	COMM 1402 Speech Comm (3 cr)		14-16	
	Summer								
<b>Year 02</b>	Fall	STME 2700 & 2799 Physical Systems I (3 cr) & Lab (1 cr)	STME 2681 Organic Chem Hon I (3 cr)	STME 2683 Organic Chem Hon I Lab (2 cr)	STME 2200 & 2299 Math/Comp Meth III (3 cr) & Lab (1 cr)	<i>RFI Track:</i> STME 3903 Advanced Res Exp (3 cr)	<i>Non-RFI Track:</i> ES 1000 Observing the Earth (3 cr)	16	
	Winter								
	Spring	STME 2800 & 2899 Physical Systems II (3 cr) & Lab (1 cr)	STME 2682 Organic Chem Hon II (3 cr)	STME 2684 Organic Chem Hon II Lab (2 cr)	MATH 3415 Calculus III (4 cr)	EMSE 2801 Intro Field Exp (3 cr)		16	
	Summer								
<b>Year 03</b>	Fall	CHEM 2283 Quantitative Analysis (4 cr)	PHYS 2097 Physics III (4 cr)	CHEM 2491 Inorganic Chemistry (3 cr)	PSY 1000 General Psychology (3 cr)			14	
	Winter								
	Spring	STME 2300 & 2399 Probabilistic Methods (3 cr) & Lab (1 cr)	<i>Non-RFI Track:</i> STME 3610 Current Issues (1 cr)	<i>RFI Track:</i> ES 1000 Observing the Earth (3 cr)	PSY 2110 Psych of Adolescence (3 cr)	ENG 2403 World Literature (3 cr)	CHEM 3381 Physical Chemistry Lecture I (3 cr)	14-16	
	Summer								
<b>Year 04</b>	Fall	HIST 1062 Worlds of History (3 cr)	GE Approved Humanities Requirement (3 cr)	EMSE 3230 Science Educ K-12 (3 cr)	EMSE 5315 Lang Arts & Reading (3 cr)	EMSE 5320 Computers in School (3 cr)		15	
	Winter								
	Spring	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)	CHEM 3284 Instrumental Methods (4 cr)		14	
<i>Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.</i>							<b>TOTAL REQUIRED</b>	<b>120-124</b>	

New Jersey Center for Science, Technology and Mathematics  
 B.S. Science & Technology: Chemistry Option (30102)  
 4 Year Plan