

								Recommended Credits	
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 Comm (3 cr)		15-17	
	Summer								
Year 02	Fall	STME 2681 Organic Chem Hon I (3 cr)	STME 2683 Organic Chem Hon I Lab (2 cr)	GE 2024 Research & Tech (3 cr)	STME 1500 & 1599 Intro to Programming I (3 cr) & Lab (1 cr)	<i>RFI Track:</i> STME 3903 Advanced Res Exp (3 cr)	<i>Non-RFI Track:</i> Free Elective (2 cr)	14-15	
	Winter								
	Spring	STME 2682 Organic Chem Hon II (3 cr)	STME 2684 Organic Chem Hon II Lab (2 cr)	STME 2300 & 2399 Probabilistic Methods (3 cr) & Lab (1 cr)	HIST 1062 World of History (3 cr)	Major Track Elective (3-4 cr)		15-16	
	Summer								
Year 03	Fall	STME 2700 & 2799 Physical Systems I (3 cr) & Lab (1 cr)	ENG 2403 World Literature (3 cr)	Major Track Elective (3-4 cr)	Major Track Elective (3-4 cr) <i>(Life Sciences Bus Manag & Bioinformatics tracks should take Business or Comp Sci course)</i>			13-15	
	Winter								
	Spring	<i>Non-RFI Track:</i> STME 3610 Current Issues (1 cr) OR STME 3701-03 STEM Internship (3 cr)	STME 3100 & 3199 Biochemistry Hon I (3 cr) & Lab (1 cr)	Major Track Elective (3-4 cr)	Major Track Elective (3-4 cr) <i>(Life Sciences Bus Manag & Bioinformatics tracks should take Business or Comp Sci course)</i>	GE Approved Social Science Req (3 cr)		13-18	
	Summer								
Year 04	Fall	STME 5020 Ethics in Biotech (1 cr)	STME 5103 Scientific Writing (3 cr)	BIO 3709 Genetics (4 cr)	Major Track Elective (2-4 cr) <i>(RFI Track should complete 2 semesters & min. 4 cr of indep res)</i>	<i>RFI Track:</i> Free Elective (2 cr)		12-14	
	Winter								
	Spring	STME 4610 Science & Tech Sem (3 cr)	Major Track Elective (3-4 cr)	Major Track Elective (3-4 cr)	Major Track Elective (2-4 cr) <i>(RFI Track should complete 2 semesters & min. 4 cr of indep res)</i>	GE Approved Humanities Req (3 cr)		14-18	
<i>Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.</i>								TOTAL REQUIRED	120

New Jersey Center for Science, Technology and Mathematics
 BS Science & Technology: Molecular Biology Option (30105)
 4 Year Plan