

<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> 4 Year Plan New Jersey Center for Science, Technology and Mathematics BS Science & Technology: Biomedicine Option (30110) Fall 2019 (v.9.17.19) </p>	<p>Year 01</p>	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									
	<p>Year 02</p>	Fall	STME 2681 Organic Chem Hon I (3 cr)	STME 2683 Organic Chem Hon I Lab (2 cr)	GE 2024 Research & Tech (3 cr)	BIO 3315 & 3315L Microbiology (3 cr) & Lab (1 cr)	<i>Non-RFI Track:</i> HIST 1062 World of History (3 cr)	<i>RFI Track:</i> STME 3903 Advanced Res Exp (3 cr)	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)	BIO 3403 Anatomy & Physiol I (4 cr)	<i>RFI Track:</i> HIST 1062 World of History (3 cr)		13-16		
		Summer									
	<p>Year 03</p>	Fall	STME 2700 & 2799 Physical Systems I (3 cr) & Lab (1 cr)	BIO 3404 Anatomy & Physiol II (4 cr)	BIO 3405 Basic Gross Anatomy (4 cr)	ENG 2403 World Literature (3 cr)			15		
		Winter									
		Spring	SOC 1000 Intro to Sociology (3 cr)	STME 3100 & 3199 Biochemistry Hon I (3 cr) & Lab (1 cr)	BIO 3709 Genetics (4 cr)	<i>Non-RFI Track:</i> STME 3610 Current Issues (1 cr) OR STME 3701-03 STEM Internship (3 cr)	GE Approved Humanities Requirement (3 cr)		14-17		
		Summer									
	<p>Year 04</p>	Fall	BIO 4316 & 4316L Immunology (3 cr) & Lab (1 cr)	BIO 4310 Virology (4 cr)	<i>Non-RFI Track:</i> Major Elective (2-4 cr)	Foreign Language Requirement 1 (3 cr)	Free Elective (1 cr)		12-16		
		Winter									
		Spring	STME 4610 Science & Tech Sem (3 cr)	BIO 3406 Neuroscience (4 cr)	STME 4611 Service Learning (1 cr)	Foreign Language Requirement 2 (3 cr)	Free Elective (3 cr)		14		
	<p>Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.</p>								TOTAL REQUIRED	120	