

							Kean University 120 S.H.		
							Recommended Credits		
Year 01	Fall		ENG 1030 College Composition (3 cr)	MATH 1054 Precalculus (3 cr)*	GE 1000 Transition to Kean (1 cr)	BIO 1300 General Biology I (4 cr)	CHEM 1083 General Chemistry I (4 cr)	15	
	Winter								
	Spring	COMM 1402 Speech Communication (3 cr)	PSY 1000 General Psychology (3 cr)	Free Elective (1 cr)	BIO 1400 General Biology II (4 cr)	CHEM 1084 General Chemistry II (4 cr)		15	
	Summer								
Year 02	Fall	PHYS 2091 General Physics I (4 cr)	GE 2024 Research and Technology (3 cr)	CHEM 2581 Organic Chemistry I Lecture (3 cr)	CHEM 2581L Organic Chemistry I Lab (1 cr)	BIO 2500 Principles of Botany (4 cr)		15	
	Winter								
	Spring	PHYS 2092 General Physics II (4 cr)	HIST 1062 Worlds of History (3 cr)	CHEM 2582 Organic Chemistry II Lecture (3 cr)	CHEM 2582L Organic Chemistry II Lab (1 cr)	BIO 3709 Principles of Genetics (4 cr)		15	
	Summer								
Year 03	Fall	BIO 3400 Zoology Form and Function (4 cr)	MATH 1016 Statistics (3 cr)	ENG 2403 World Literature (3 cr)	Free Elective (3 cr)	GE Approved Humanities (3 cr)		16	
	Winter								
	Spring	MATH 2415 Calculus I (4 cr)	GE Approved Humanities (3 cr)	ENV 1000 Intro to Environmental Science (3 cr)	BIO 3614 Principles of Ecology (4 cr)	Free Elective (1 cr)		15	
	Summer								
Year 04	Fall	GE Approved Social Science (3 cr)	BIO Major Elective (3000-4000 level) (4 cr)	Free Elective (3 cr)	Free Elective (3 cr)	Free Elective (3 cr)		16	
	Winter								
	Spring	Free elective (3 cr)	Free elective (3 cr)	BIO 4970 Seminar in Integrative Biology (3 cr)	BIO Major Elective (3000-4000 level) (4 cr)			13	
Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.							TOTAL REQUIRED	120	

Students who do not have the required co-requisite of MATH 1054 can substitute ENV 1000 instead of BIO 1300 during their first semester or take needed math prerequisites in the summer before their freshman year.