Kean University Undergraduate Degree Study Program Academic Plan B.S. in Biology – ENVIRONMENTAL BIOLOGY OPTION – 120 CR			
Freshman Year			
Fall Semester Yr -1		Spring Semester Yr-1	
GE 1000 Trans. To Kean	1	COMM 1402 Speech Comm.	3
ENV 1000 Intro to Env. Sci.	3	ENG 2403 World Literature	3
ENG 1030 Composition	3	HIST 1062 Worlds of History	3
MATH 1054 Precalc.	3	MATH 2415 Calculus	4
BIO 1300 Gen. Bio. I.	4	BIO 1400 Gen. Bio II.	4
Total Credits	14	*Total Credits*	17
Sophomore Year			
Fall Semester Yr -2		Spring Semester Yr-2	
ENV 2020 Evolutionary Bio.*	4	ENV 2100 Ecosystem Science*	4
GE 2024 Research and Technology	3	GE Social Science	3
GE Humanities	3	CHEM 1084 Gen. Chem II.	4
CHEM 1083 Gen. Chem I.	4	Free Elective	3
MATH 1016 Statistics	3		
Total Credits	17	*Total Credits*	14
Junior Year			
Fall Semester Yr -3		Spring Semester Yr-3	
ENV 3051 Field Biology*	4	Two of the Four: BIO 2500 Botany, BIO 3400 Zoology, BIO 3709 Genetics, PHYS 2092 (Physics 2)	4
ENV 3180* or CHEM 2581+L Organic Chem	4		4
PHYS 2091 Physics I.	4	ENV 3100 Principles of Soil Science*	4
ES 3011 Data Analysis for Env and Health*	4	ENV 3201 Biodiversity Assessment*	4
Total Credits	16	*Total Credits*	16
Senior Year			
Fall Semester Yr -4		Spring Semester Yr-4	
ENV 4210 Conservation Biology*	4	SUST 4300 Independent Practicum for Sustainability*	3
Free or Program Focus-Related Elective	4	Program Focus-Related Elective	4
Program Focus-Related Elective	4	Program Focus-Related Elective	4
ENV 4961 or 4962 Independent Study	1-2	Free or Program Focus-Related Elective	3
Total Credits	13-14	*Total Credits*	14

(*) Denotes a course specific to that fall/spring semester due to ideal field and/or instruction conditions.