

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 1000 Civil Society in America or 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
<i>Total Credits</i>	14	<i>Total Credits</i>	17

Sophomore Year

Fall Semester Yr -2		Spring Semester Yr-2	
GE 2024 Research and Technology	3	ENV 2000 Evol. And Diversity	4
GE Humanities	3	ENV 2100 Ecosystem Science	4
CHEM 1083 Gen. Chem I.	4	CHEM 1084 Gen. Chem II.	4
MATH 1016 Statistics	3	GE Social Science	3
Free Elective	3		
<i>Total Credits</i>	16	<i>Total Credits</i>	15

Junior Year

Fall Semester Yr -3		Spring Semester Yr-3	
ENV 3051 Field Biology	4	PHYS 2092 Physics II	4
CHEM 2180 Organic Chem	4	BIO 3709 Genetics	4
PHYS 2091 Physics I.	4	ENV 3100 Principles of Soil Science	4
Free or Program-Related Elective	3	ENV 3201 Biodiversity Assessment	4
<i>Total Credits</i>	15	<i>Total Credits</i>	16

Senior Year

Fall Semester Yr -4		Spring Semester Yr-4	
ENV 4210 Conservation Biology	4	SUST 4300 Independent Practicum for Sustainability	3
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-Related Elective	3
<i>Total Credits</i>	13-14	<i>Total Credits</i>	14