Kean University
Undergraduate Degree Study Program
Academic Plan
B.S. in ENVIRONMENTAL SCIENCE – 120 CR

Freshman Year			
Fall Semester Yr -1		Spring Semester Yr-1	
GE 1000 Trans. To Kean	1	COMM 1402 Speech Comm.	3
ENV 1100 Foundations of Env. Sci.	4	SUST 1000 Intro to Sustainability	3
ENG 1030 Composition	3	HIST 1062 Worlds of History	3
MATH 1054 Precalculus	3	MATH 2415 Calculus	4
ES 1101 Intro to Earth & Geog. Sytms*	4	ES 1300 Intro to Meteorology	4
Total Credits	15	*Total Credits*	17
Sophomore Year			
Fall Semester Yr -2		Spring Semester Yr-2	
GE 2024 Research and Technology	3	ES 2101 Geo-Hydro Systems*	4
CHEM 1083 Gen. Chemistry I.	4	CHEM 1084 Gen. Chemistry II. Or PHYS 2091 Physics I.	4
MATH 1016 Statistics	3	GE Social Science	3
BIO 1300 Gen. Bio. I.	4	BIO 1400 Gen Bio II.	4
ENG 2403 World Literature	3		
Total Credits	17	*Total Credits*	15
Junior Year			
Fall Semester Yr -3		Spring Semester Yr-3	
ES 2400 Oceanography	4	SUST 2200 Intro to Laws and Sust*	3
CPS 1231 Fund of Computer Sci	4	ENV 2100 Ecosystem Science*	4
Major Elective	4	ENV 3100 Principles of Soil Science*	4
GE Humanities	3	Free Elective	3
Total Credits	14	*Total Credits*	14
Senior Year			
Fall Semester Yr -4		Spring Semester Yr-4	
ENV 3051 Field Biology: Terrestrial Systems*	4	SUST 4300 Independent Practicum for Sustainability*	3
ES 3011 Data Anal. for Env and Health*	4	ES 3210 GIS for Env and Health*	4
ENV 4961 or 4962 Independent Study	1-2	Major Elective	4
Major Elective	3	Free Elective	3
Free Elective	2-3		
Total Credits	14-15	*Total Credits*	14

(*) Denotes a course that is typically only offered that semester due to field and/or scheduling conditions.