

**Kean University**  
**Undergraduate Degree Study Program**  
**Academic Plan**  
**B.S. in Environmental Science – 120 C.R.**

<b>Freshman Year</b>			
<b>Fall Semester Yr – 1</b>		<b>Spring Semester Yr – 1</b>	
GE 1000: Transition to Kean	1	SUST 1000: Intro to Sust Sci	3
ENG 1300: College Composition for Nonnative Speakers*	6	ENG 1430: College Composition for Nonnative Speakers*	6
ENV 1000: Intro to Environ Sci	3	CHEM 1083: Chem I	4
ESL 0303: English as Second Lang.**	3	MATH 2415 Calculus I	4
ESL 0305: English as Second Lang.**	3		
<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>17</b>
<b>Winter Yr – 1</b>			
Chinese 301003**	2	Chinese 301004**	2
<b>Summer Yr – 1</b>			
ESL 0403: English as Second Lang.**	3	ESL 0405: English as Second Lang.**	3
<b>Sophomore Year</b>			
<b>Fall Semester Yr – 2</b>		<b>Spring Semester Yr – 2</b>	
BIO 1300: General Bio I	4	BIO 1400: General Bio II	4
MATH 2416: Calculus II	4	CPS 1231: Fundamentals to Comp Sci	4
PHYS 2091: Physics I	4	GE 2024: Research & Technology	3
CHEM 1084: Chem II	4	MATH 1016: Stat	3
		COMM 1402: Speech Communication	3
<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>17</b>
<b>Summer YR – 2</b>			
Chinese 301001**	2	Chinese 301002**	2
Chinese Art**	2		
<b>Junior Year</b>			
<b>Fall Semester Yr – 3</b>		<b>Spring Semester Yr – 3</b>	
ES 1300: Meteorology	4	ES 2101: GeoHydro System	4
ES 1101: Intro to Earth Geog. Syst.	4	ENV 2100: Ecosystem Sci	4
ES 2400: Oceanography	4	Major related Elective	4
HIST 1062: History	3	GE: Humanities	3
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>15</b>

Senior Year			
Fall Semester Yr – 4		Spring Semester Yr – 4	
ENV 3051: Field Biology	4	SUST 4300: Independent Practicum	3
ENG 2403: World Literature	3	ES 3200: GIS	4
ES 3010: Data Analysis and Modeling in Geoscience	4	Major related Elective	4
Major related Elective	3	Major related Elective	3
GE: Social Science	3		
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>14</b>

\*At Dean's discretion, 3 credits of ENG 1300 substitute 3 credits of ENG 1030

\*At Dean's discretion, 6 credits of ENG 1430 and 3 credits of ENG 1300 can be applied as Free and Major Electives.

\*\*Do not count toward degree credit loads