KEAN UNIVERSITY - COLLEGE OF NATURAL & APPLIED HEALTH SCIENCES
(70301) B.S. IN BIOLOGY: Environmental Biology Option 120 S.H.

For students graduating from Ocean County College with the A.S. in Environmental Studies transferring to Kean University

Minimum GPA required for declaration into major and graduation: 2.5

Kean University Courses are in Blue (54 S.H.) **Ocean County College Courses are in Green (66 S.H.)**

EFFECTIVE DATE: Fall 2019 ***See the Current Undergraduate Academic Catalog for Requirements to Graduate with Honors***

GENERAL EDUCATION: 32 S.H. **Foundation Requirements[1] : 13 S.H.**			**ACADEMIC MAJOR REQUIREMENTS***: 47-51 S.H.** **MAJOR REQUIRED COURSES: 28-29 S.H.**		
GE 3000 Transfer Transitions[2]		1	ENV 1000 Intro to Env Sciences	ENVI 152 Environmental Science	3
ENG 1030 College Composition[3]	ENG 151 English I	3	ENV 2000 Evolution/Biodiversity		4
**MATH 1054 Precalculus[4]	MATH 191 Pre-Calculus	3	ENV 2100 Ecosystem Science		4
COMM 1402 Speech Comm	MATH 165 College Algebra or any unused college credits	3	ENV 3051 Field Bio: Terrestrial Syst OR ENV 4605 Methods in Marine Research		4
GE 2024 Research & Technology	ENGL 152 English 2	3	ENV 3100 Principles of Environmental Soil Science		4
DISCIPLINARY & INTERDISCIPLINARY **Distribution Requirements[1]: 19 S.H.**			ENV 3201 Biodiversity Assessment		4
			ENV 4210 Conservation Biology		4
			ENV 4961 Independent Study in SESS (1 credit) OR ENV 4962 Independent Study in SESS (2 credits)		1-2
Humanities: 6 S.H. (from different areas)			**PROGRAM FOCUS-RELATED ELECTIVES 16-19 S.H. To be selected with advisement from approved program list maintained in the SESS and in consultation with the Program Coordinator. At least 50% must be at the 3000-4000 level. Max of 12 S.H. of ENV courses count toward degree.**		
*ENG 2403 World Literature	GHUM or GSOC	3	**Major Elective Courses 16-19 S.H.**		
Take **one** "GE Approved" course from one area below:			Optional: ES 3171-3173 Internship/ES 1996		1-3
Fine Arts/History	GHUM-Humanities General Ed	3	1000-4000 elective	Environmental Studies Elective	3
Philosophy or Religion			1000-4000 elective	Environmental Studies Elective	3
Foreign Lang (Take I & II for credit)			1000-4000 elective		3
Music or Theatre			3000-4000 elective		3
Interdisciplinary			3000-4000 elective		3
Social Sciences 6 S.H. (from different areas)			****Major Capstone Course***: 3 S.H.**		
*HIST 1062 Worlds of History	Tech Gen Ed	3	SUST 4300 Independent Practicum in Sustainability (WE)		3
Take **one** "GE Approved" course from one area below:			**FREE ELECTIVES: At least 50% must be 3000-4000 level. 5-9 S.H.**		
Psychology	GSOC -Social Science General Ed	3	1000-4000 elective	STSC 150 + 1 credit from ENVI 152	3
Economics or ES 1010-World Geog			3000-4000 elective	2 credits from MATH 165 (if taken)	0-2
Political Science			3000-4000 elective		3
Sociology or Anthropology			3000-4000 elective		0-2
Interdisciplinary					
Science and Mathematics 7 S.H.					
**MATH 1016 Statistics	MATH 156 Intro to Statistics	**3**			
****CHEM 1083 Chemistry I	CHEM 181 General Chemistry I	**4**			
ADDITIONAL REQUIRED COURSE: 32 S.H.					
BIO 1300 Biology I	BIOL 161 General Biology I	4			
BIO 1400 Biology II	BIOL 162 General Biology II	4			
***CHEM 1084 Chemistry II	CHEM 182 General Chemistry II	4			
***CHEM 2180 Princ. of Organic Chem	CHEM 283 Organic Chemistry I	**4**			
MATH 2415 Calculus[3]	MATH 265 Calculus I	4			
PHYS 2091 General Physics I	PHYS 171 Physics 1	4			
Take any **two (2)** of the below **four (4)** courses:					
BIO 2500 Principles of Botany		4			
BIO 3400 Zoology: Form & Function		4			
BIO 3709 Genetics		4			
PHYS 2092 General Physics II - If this is chosen, must be taken in Union		4			

Special Notes:

[1] See prerequisites and equivalencies.

[2] University requirement for graduation for all undergraduate students that must be satisfied: Complete GE 3000 (transfers entering with 30 credits or more).

[3] ENG 1030 requires a grade of C or higher.

[4] Required by SESS; if prerequisite MATH is taken, it may be used as a free elective

*GE Distribution Course required of all students.

** Course required by major.

***All major courses require a grade of C or better.

****Must earn a grade of C or better to advance to CHEM 1084.

[1]Revised 03/19/2020

By: Jessica Adams & Taylor LaCava