



For students graduating from Ocean County College with an A.S. in Environmental Studies and transferring to Kean University
Kean University Courses are in Blue (49-54 S. H.) Ocean County College courses are in green (66-71 S. H.)

EFFECTIVE DATE: Fall 2019

KEAN GRADUATING GPA REQUIREMENT: 2.5

GENERAL EDUCATION REQUIREMENTS: 35 S.H.			ACADEMIC MAJOR: ¹ 28-29 S.H.		
Foundation Requirements: 13 S.H.			ENV 1000 Intro to Env. Sci.	ENVI 152 Environmental Science	3
GE 3000 Transfer Transitions		1	ENV 2000 Evolution & Biodiversity		4
ENG 1030 English Comp ¹	ENGL 151 English I ¹¹	3	ENV 2100 Ecosystem Science	BIOL 261 Ecology	4
MATH 1054 Precalculus ^{1,2}	MATH 192 Pre-Calculus II ^{1,2}	3	ENV 3051 or ENV 4605		4
COMM 1402 Speech Comm	MATH 191 Pre-Calculus I ^{2,3}	3	ENV 3100 Principles of Environmental Soil Science		4
GE 2024 Research/Tech	ENGL 152 English II	3	ENV 3201 Biodiversity Assessment		4
			ENV 4210 Conservation Biology		4
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION COURSES			ENV 4961 (1 credit) or ENV 4962 (2 credits)		1-2
Humanities: 6 S.H.			PROGRAM FOCUS-RELATED ELECTIVES: 16-19 S.H. To be selected with advisement from approved program list maintained in the School of Environmental and Sustainability Sciences and in consultation with the Program Coordinator. At least 50% of these classes must be at the 3000-4000 level. A maximum of 12 S.H. of ENV courses will count towards the degree.		
ENG 2403 World Literature	Any course from the GHUM list ³	3			
Select One course from below					
Fine Arts/Art History	Any unused college level (non-developmental) MATH course or the required technology course ³	3			
Philosophy or Religion					
Foreign Languages					
Music or Theatre					
Interdisciplinary					
			Major Elective	Choose one course from: BIOL 101, 265, ENVI 154, 232, 259, or CHEM 284 plus 1 credit from ENVI 152	4-5
Social Sciences: 6 S.H.			Major Elective		3-4
HIST 1062 Worlds of History	Select any course Ocean County College GSOC/GHUM list of courses. ³	3	Major Elective		3-4
Select One course from below			Major Elective		3-4
Psychology	Select any course Ocean County College GSOC/GHUM list of courses. ³	3	FREE ELECTIVES (at least 50% must be 3000/4000 level): 5-9 S. H.		
Geography			Any Kean University 1000-2000 level course	3	
Political Science			Any Kean University 3000-4000 level classes (except ENV) ⁴		3-6
Sociology or Anthropology					
Science and Mathematics: 7 S.H.			TOTAL CREDITS 120 S. H.		
MATH 1016 Statistics	MATH 156 Introduction to Statistics	3			
CHEM 1083 Chemistry I ¹	CHEM 181 General Chemistry I ¹	4			
G.E. and Major Capstone ^{1,6} : 3 S.H.					
SUST 4300 Independent Practicum in Sustainability		3	¹ Requires a grade of C or better.		
Additional Required Courses ¹ : 32 S. H.			² Students whose score on the placement test makes them eligible to take MATH 1054 (MATH 192 at OCC) or MATH 2415 (MATH 265 at OCC) can start with that course, and will have an additional 3 or 6 credits of free electives to total 120 degree credits. Students whose score does not make them eligible to take MATH 191 will need to take the appropriate pre-requisite courses.		
BIO 1300 Biology I	BIOL 161 General Biology I	4	³ Substitution in accordance with the N.J. Transfer Law, where General Education requirements are completed with the corresponding A.S. degree.		
BIO 1400 Biology II	BIOL 162 General Biology II	4	⁴ Can also be one 1000-2000 level 1 credit Kean University class plus one 3000-4000 level 3 credit Kean University class.		
CHEM 1084 Chemistry II ¹	CHEM 182 Chemistry II ¹	4			
CHEM 2180 Prin of Org Chem ¹	CHEM 283 Organic Chemistry I ¹	4			
MATH 2415 Calculus I	MATH 265 Calculus I ²	4			
PHYS 2091 Physics I	PHYS 171 Physics I	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 Physics II	PHYS 172 Physics II (optional)	4			

Program-focus Related Electives should be chosen from the following list:
(at least half being at 3000 level and above)

BIO

BIO 2500: Principles of Botany
BIO 3305: Principles of Microbiology
BIO 3400: Zoology: Form and Function
BIO 3403-3404: Anatomy and Physiology I & II
BIO 3535: Field Botany
BIO 3614: Principles of Ecology
BIO 4105: Biochemistry
BIO 4575: Plant Physiology
BIO 4615: Applied Ecology

ENV

ENV 3201 Biodiversity Assessment
ENV 3250 Medicinal Botany
ENV 3230 Urban Ecology
ENV 4210 Conservation Biology
ENV 4435 Behavioral Ecology
ENV 3720 Entomology
ENV 4600 Plant-Animal Interactions
ENV 4710 Physiological Ecology
ENV 4971,2,3,4 Independent Research

ES

ES 3000 Global Climate Change and Society
ES 3010 Data Analysis and Modeling in Earth Science
ES 3020 Aerial Photography and Digital Image Interpretation
ES 3200 GIS in Geoscience
ES 3801-3802 Special Topics in Earth Science
ES 4200 Remote Sensing
ES 4901-4902 Special Topics in Earth Science

OCEN

OCEN 3400 Global Change and the Ocean
OCEN 3463 Marine Science
OCEN 3600 Coral Reefs and Coastal Systems
OCEN 4470 Physical Oceanography
OCEN 4600 Marine Conservation
OCEN 4601 Field Methods in Marine Research
OCEN 4602 Marine Resource Management

SUST

SUST 1000 Introduction to Sustainability
SUST 2008 Introduction to Composting
SUST 2200 Introduction to Laws and Sustainability
SUST 3200 Environmental Health and Safety for Sustainability
SUST 4000 Technologies for Sustainability