KEAN OCEAN

OCEAN COUNTY COLLEGE

KEAN UNIVERSITY – COLLEGE OF SCIENCE, MATHEMATICS AND TECHNOLOGY
(76300) B.S. IN ENVIRONMENTAL SCIENCE: 120 SEMESTER HOURS (S.H.)
Kean Declaration GPA 2.5, In the Major GPA 2.5, and Graduation GPA 2.5
Kean University Courses are in Blue (52 S.H.)   **Ocean County College Courses are in Green (68 S.H.)**
Effective Date: Fall 2021   See the Current Academic Catalog for Requirements to Graduate with Honors

GENERAL EDUCATION	32 Semester Hours S.H.				
Foundation Requirements:[1]		**13 S.H.**	**Additional Requirements**		**26 S.H.**
GE 3000 Transfer Transitions[2]		1	BIO 1300 Introduction to Biology I[4]	BIOL 161 General Biology I	4
ENG 1030 Composition[3]	ENGL 151 English I	3	BIO 1400 Introduction to Biology II	BIOL 162 General Biology II	4
MATH 1054 Precalculus[1,5,**]	MATH 191 Precalculus I	3	CPS 1231 Funds of Comp Science	Technology Gen Ed or any*!	4
COMM 1402 Speech Communication	MATH 165 or Any Unused Credits	3	SUST 1000 Intro to Sust Science		3
GE 2024 Research & Technology	ENGL 152 English II	3	SUST 2200 Intro to Laws and Sust	ENVI 232 Environmental Policy	3
Disciplinary & Interdisciplinary Distribution Requirements:[1]		**19 S.H.**	**Take any two (2) of the below three (3) courses**		
Humanities	**6 S.H. (from different areas)**		CHEM 1084 Chemistry II	CHEM 182 General Chemistry II	4
ENG 2403 World Literature*	Humanities Gen Ed	3	MATH 2415 Calculus I	PHYS 171 Physics I	4
Take one "GE Approved" course from one area below:			PHYS 2091 General Physics I		
Fine Arts/History			**ACADEMIC MAJOR REQUIREMENTS**		**54 S.H.**
Foreign Language (Must take I & II)			**Major Required Courses**		**40 S.H.**
Interdisciplinary	Humanities Gen Ed	3	ENV 1100 Found Env Science	ENVI 152 Env Science	4
Music or Theatre			ENV 2100 Ecosystem Sc*OR BIO 3614 Principles of Ecology at KO*[7]		4
Philosophy or Religion			ENV 3051 *OR ENV 4605 Field Methods Marine Research at KO*[7]		4
Social Sciences	**6 S.H. (from different areas)**		ENV 3100 Principles of Environmental Soil Science		4
HIST 1062 Worlds of History	Environmental Studies Elective	3	ES 1101 Intro Earth/ Geo Systems		4
Take one "GE Approved" course from one area below:			ES 1300 Intro to Meteorology		4
Political Science			ES 2101 Geo-Hydro Systems		4
Economics or ES 1010 - World Geog			ES 2400 Intro to Oceanography		4
Anthropology or Sociology	Social Science Gen Ed	3	ES 3210 GIS for Env. and Health		4
Psychology			ES 3011 Data Analysis for Environment and Health		4
Interdisciplinary			**Major Elective Courses**[6]		**11 S.H**
Science and Mathematics		**7 S.H.**	Optional: ES 3291-3293 Internship		1-2
MATH 1016 Statistics**	MATH 156 Intro to Statistics	3	Major Elective	Environmental Studies Elective	4
CHEM 1083 Chemistry I[4,***]	CHEM 181 General Chemistry I	4	Major Elective		3
			Major Elective		3
			Major Capstone		**3 S.H.**
			SUST 4300 Independent Practicum in Sustainability Sciences		3
			FREE ELECTIVES		**8 S.H**
			At least 50% must be 3000/4000 level		
			1000-4000 Elective	STSC 150 Student Success Sem	2
			1000-4000 Elective	2 Credits from Math 165 (if taken)	2
			1000-4000 Elective	1 credit from Env Studies Elective & 1 Additional Credit	2
			3000-4000 Elective		2

Special Notes:
1 See pre-requisites and equivalencies (on page 3)
2 University requirements for graduation for all undergraduate students that must be satisfied by completing GE 3000 (transfers entering with 30 credits or more)
3 ENG 1030 requires grade of C or higher
4 MATH 1054 is a co-and/or pre-requisite
5 A student with course placements records may substitute it with 3 additional credits of free electives instead of MATH 1054 to total 120 credits
6 Courses must be selected from the Approved Major Electives lis
7 Can take this course as a substitution for the other course listed as it is not offered at
Kean Ocean.
*GE Distribution course required of all students
**Course required by major
***All major courses require a grade of C or better

****Must earn grade of C or better to advance to CHEM 1084
*! If a student tests out of Technology Gen Ed Course, any remaining credits will apply.

Updated 04/20/2023 By: Jessica Adams & Breanna Brown