



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 (34 S.H.) Ocean County College Courses are in Green (86 S.H.)

Effective Date: Fall 2021

See the Current Academic Catalog for Requirements to Graduate with Honors

GENERAL EDUCATION		32 Semester Hours S.H.		Additional Requirements		26 S.H.
Foundation Requirements: ¹		13 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	ENVI 241 Env Sustainability	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	Humanities Gen Ed	3		ACADEMIC MAJOR REQUIREMENTS		54 S.H.
Foreign Language (Must take I & II)				Major Required Courses		40 S.H.
Interdisciplinary				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	ENVI 134 Carbon Footprint + 1cr	4
Take one "GE Approved" course from one area below:				ES 1300 Intro to Meteorology		4
Political Science	Social Science Gen Ed	3		ES 2101 Geo-Hydro Systems		4
Economics or ES 1010 - World Geog				ES 2400 Intro to Oceanography		4
Anthropology or Sociology				ES 3210 GIS for Env. and Health	ENVI 121 Renew Energy +1cr	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	ENVI 220: Life Cycle Analysis	3
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				Major Elective	BUSN 273 Corporate Social Responsibility	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	Any remaining 1 cr.	1	
			3000-4000 Elective	SOCI 232 Social Justice	3	
					****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.	