

**KEAN UNIVERSITY - COLLEGE OF NATURAL, APPLIED & HEALTH SCIENCES
(70100) B.A. IN BIOLOGY (General Option) 120 S.H.**

For students graduating from Ocean County College with the A.S. in General Studies with a concentration in Science transferring to Kean University

Minimum GPA required for declaration into major and graduation: 2.5

Kean University Courses are in Blue (52 S.H.) Ocean County College Courses are in Green (68 S.H.)

EFFECTIVE DATE: Fall 2019

See the Current Undergraduate Academic Catalog for Requirements to Graduate with Honors

GENERAL EDUCATION:		42 S.H.	ADDITIONAL REQUIRED COURSES:		23 S.H.
Foundation Requirements ¹		13 S.H.	CHEM 2581 Organic Chem Lecture ⁵	CHEM 283 Organic Chemistry I	4
GE 3000 Transfer Transitions ²		1	CHEM 2581L Organic Chem Lab I		
ENG 1030 College Composition ³	ENG 151 English I	3	CHEM 2582 Organic Chem Lecture II	CHEM 284 Organic Chemistry II	4
MATH 1054 Precalculus ⁴	MATH 192 Precalculus II	3	CHEM 2582L Organic Chem Lab II		
COMM 1402 Speech Communication	MATH 191 Precalculus	3	ENV 1000 Intro to Environmental Science		3
GE 2024 Research & Technology	ENGL 152 English II	3	MATH 2415 Calculus I	MATH 265 Calculus	4
DISCIPLINARY & INTERDISCIPLINARY Distribution Requirements ¹ :		29 S.H.	PHYS 2091 General Physics I	PHYS 171 Physics I	4
Humanities (from different areas)		9 S.H.	PHYS 2092 General Physics II	PHYS 172 Physics II	4
*ENG 2403 World Literature	Literature Gen Ed	3	ACADEMIC MAJOR REQUIRED COURSES ^{***} :		32 S.H.
Take two "GE Approved" courses from below:			Major Required Courses		24 S.H.
Fine Arts/Arts History	Humanities Gen Ed	3	BIO 1300 General Biology I ⁶	BIOL 161 Biology I	4
Foreign Language (must take I&II)			BIO 1400 General Biology I ⁷	BIOL 162 Biology II	4
Philosophy or Religion	Humanities Gen Ed	3	BIO 2500 Principles of Botany		4
Interdisciplinary			BIO 3400 Zoology: Form & Function		4
Social Sciences (from different areas)		9 S.H.	BIO 3614 Principles of Ecology (WE)		4
*HIST 1062 Worlds Of History	Social Science Gen Ed	3	BIO 3709 Principles of Genetics		4
Take two "GE Approved" courses from below:			Biology Major Electives:		8 S.H.
Econ, World Geog, or ES 1010	3	3	Selected with Departmental advisement at 3000-4000 level		
Political Science			Major Elective 1 (3000-4000)		4
Psychology	3	3	Major Elective 2 (3000-4000)		4
Sociology/Anthropology			**Major Capstone Course ^{***} :		3 S.H.
Interdisciplinary			BIO 4970 Seminar in Integrative Biology		3
Science and Mathematics		11 S.H.	FREE ELECTIVES		20 S.H.
MATH 1016 Statistics	MATH 156 Statistics	3	(50% at 3000-4000 level)		
CHEM 1083 Chemistry I ⁵	CHEM 181 General Chemistry I	4	Elective 1000-4000	STSC 150 Student Success	2
CHEM 1084 Chemistry II ⁵	CHEM 182 General Chemistry II	4	Elective 1000-4000	Tech Gen Ed	3
			Elective 1000-4000 (ID 1010 OR ID 1225 Optional)		1
			Elective 1000-4000		3-4
			Elective 3000-4000		3-4
			Elective 3000-4000 or BIO 3291-3293 ⁸		1-3
			Elective 3000-4000		3
			Elective 3000-4000		3

Special Notes:

¹ See Pre requisites & Equivalencies for GE.

² University requirement for graduation for all transfer students that must be completed by taking GE 3000.

³ ENG 1030 requires a grade of C or higher.

⁴ With qualifying placement test scores as determined by the Kean Placement Testing Center, this course may be substituted with any elective.

⁵ C or higher needed to progress to the next course.

⁶ If enrolled before 9/14, substitute BIO 2200.

⁷ If enrolled before 9/14, substitute BIO 2400.

⁸ Optional courses that may be counted towards free electives.

* GE Distribution course required of all students.

**Course required by Major.

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

****Minimum cumulative GPA of 2.5 to remain in BA Biology Major; Graduate Schools likely require a 3.0 minimum for eligibility.