

**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. Foundation Requirements ¹ : 13 S.H.			ADDITIONAL REQUIRED COURSES 23 S.H.		
			CHEM 2581 Organic Chem Lecture I ⁴	CHEM 283 Organic Chem I	4
			CHEM 2581L Organic Chem Lab I ⁵		
GE 3000 Transfer Transitions ²		1	CHEM 2582 Organic Chem Lecture II	CHEM 284 Organic Chem II	4
ENG 1030 College Composition ³	ENG 151 English I	3	CHEM 2582L Organic Chem Lab II		
MATH 1054 Precalculus ⁴	MATH 192	3	ENV 1000 Intro to Environmental Sc		3
COMM 1402 Speech Comm	MATH 191	3	MATH 2415 Calculus I	MATH 265 Calculus	4
GE 2024 Research & Technology	ENGL 152 English II	3	PHYS 2091 Physics I	PHYS 171 Physics I	4
DISCIPLINARY & INTERDISCIPLINARY Distribution Requirements ¹ : 34-35 S.H.			PHYS 2092 Physics II	PHYS 172 Physics II	4
Humanities: (from different areas) 9 S.H.			ACADEMIC MAJOR REQUIRED COURSES ^{***} : 32 S.H. MAJOR REQUIRED COURSES ^{***} : 24 S.H.		
*ENG 2403 World Literature	GHUM Literature	3	BIO 1300 General BIO I ⁶	BIOL 161 Biology I	4
Take two "GE Approved" courses from below:			BIO 1400 General BIO I ⁷	BIOL 162 Biology II	4
Fine Arts/Arts History	GHUM Humanities Gen Ed	3	BIO 2500 Principles of Botany		4
Foreign Language (must take 1&2)			BIO 33400 Zoology: Form & Function		4
Philosophy or Religion		3	BIO 3614 Principles of Ecology (WE)		4
Interdisciplinary			BIO 3709 Principles of Genetics		4
Social Sciences: (from different areas) 9 S.H.			Biology Major Electives: 8 S.H. <i>Selected with school advisement at 3000-4000 level</i>		
*HIST 1062 Worlds Of History	GSOC Social Science Gen Ed	3	Major Elective (3000-4000)		4
Take two "GE Approved" courses from below:			Major Elective (3000-4000)		4
Sociology or Anthropology		3	***Major Capstone Course***: 3 S.H.		
Econ, World Geog, or ES 1010			BIO 4970 Seminar in Integrative Biology		3
Political Science		3	FREE ELECTIVES 20 S.H. (50% at 3000-4000 level)		
Interdisciplinary			Elective 1000-4000	STSC 150 Student Success	2
PSYC 1000			Elective 1000-4000	Tech Gen Ed	3
Science and Mathematics: 11 S.H.			Elective 1000-4000		1
MATH 1016 Statistics	MATH 156 Statistics	3	Elective 1000-4000		3-4
CHEM 1083 Chemistry I ⁵	CHEM 181 Gen Chem I	4	Elective 3000-4000		3-4
CHEM 1084 Chemistry II ⁵	CHEM 182 Gen Chem II	4	Elective 3000-4000 or BIO 3291-3293 ⁸		1-3
			Elective 3000-4000		3
			Elective 3000-4000		3

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, this course may be substituted with an elective
 5. C or higher needed to progress to next course
 6. If enrolled before 9/14 substitute BIO 2400
 7. If enrolled before 9/14 substitute BIO 2400
 8. Lecture course must be taken concurrently or prior to corresponding lab
- * 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 Bio Major, graduate schools likely require a 3.0 minimum for eligibility

