



KEAN UNIVERSITY  
FOUR YEAR ACADEMIC PLAN

**BACHELOR OF ARTS IN BIOLOGY, GENERAL OPTION, (70100)**

Program Notes:

- All options in the biology major require a minimal cumulative GPA of 2.5 to remain in the major as well as for graduation.
- Actual course sequence will vary by student/program and is based upon course availability
- Some advanced courses in the major are offered only on a rotating basis and may vary by term offered.
- Major elective & free electives and their availability vary according to registration demand and faculty availability. Selections are approved thru the advisement process.
- Individual time to student's completion of graduation requirements will vary according to successful completion of prerequisites and other courses. This four year plan is for guidance purposes only.
- The semesters shown are Fall/Spring only. Some students may opt for intersession coursework (summer, etc.).

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

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**FRESHMAN YEAR 1**

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**Fall Semester Yr-1**

ENG 1030 College Composition	3
MATH 1054 Precalculus <sup>1</sup>	3
GE 1000 Transition to Kean	1
BIO 1300 General Biology I	4
CHEM 1083 General Chemistry I	4

Total Credits 15

**Spring Semester Yr-1**

COMM 1402 Speech Communication	3
PSY 1000 General Psychology	3
MATH 1016 Statistics	3
BIO 1400 General Biology II	4
CHEM 1084 General Chemistry II	4

Total Credits 17

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**SOPHOMORE YEAR 2**

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**Fall Semester Yr-2**

PHYS 2091 General Physics I	4
GE 2024 Research & Technology	3
CHEM 2581 Organic Chemistry I Lecture	3
CHEM 2583 Organic Chemistry I Lab	2
BIO 2500 Principles of Botany	4

Total Credits 16

**Spring Semester Yr-2**

PHYS 2092 General Physics II	4
HIST 1062 Worlds of History	3
CHEM 2582 Organic Chemistry II Lecture	3
CHEM 2584 Organic Chemistry II Lab	2
BIO 3709 Principles of Genetics	4

Total Credits 16

<sup>1</sup>If a student does not have the required co-requisite of MATH 1054, they are encouraged to substitute ENV 1000 instead of BIO 1300 during their first semester.

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**JUNIOR YEAR 3**

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**Fall Semester Yr-3**

BIO 3400 Zoology Form & Function	4
MATH 2415 Calculus I	4
ENG 2403 World Literature	3
Free elective	3
GE Approved Humanities	3

**Spring Semester Yr-3**

Free elective	3
GE Approved Humanities	3
ENV 1000 Intro Environmental Science	3
BIO 3614 Principles of Ecology	4

Total Credits 17

Total Credits 13

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**SENIOR YEAR 4**

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**Fall Semester Yr-4**

GE Approved Social Science	3
BIO Major Elective (3000-4000 level)	4
Free elective	3
Free elective	3
Health/PE (ID 1010 or 1225 or 2 gyms)	2-3

**Spring Semester Yr-4**

Free elective	1-2
BIO 4970 Seminar in Integrative Biology	3
BIO Major Elective (3000-4000 level)	4
Free elective	3
Free elective	3

Total Credits 15-16

Total Credits 14-15

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**TOTAL CREDITS REQUIRED FOR GRADUATION****124 S.H.**

<sup>1</sup>If a student does not have the required co-requisite of MATH 1054, they are encouraged to substitute ENV 1000 instead of BIO 1300 during their first semester.