



**KEAN UNIVERSITY
FOUR YEAR ACADEMIC PLAN**

BACHELOR OF ARTS IN BIOLOGY, Teacher Certification Option P-12 (70197)

Program Notes:

- 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: _____

FRESHMAN YEAR 1

FALL SEMESTER

SPRING SEMESTER

GE1000 - Transition to Kean 1
ENG1030 - College Composition 3
COMM1402 - Speech Communication 3
HIST1000 or HIST1062 3
ID1010 or ID1225 2/3
MATH 1000 College Algebra 3

BIO1300 – General Biology I 4
CHEM1083 - General Chemistry I 4
MATH1054 - Precalculus 3
GE2024 - Research & Technology 3
PSY 1000 General Psychology 3

Total Credits 15/16

Total Credits 17

SOPHOMORE YEAR 2

FALL SEMESTER

SPRING SEMESTER

BIO1400 – General Biology II 4
CHEM1084 - General Chemistry II 4
ENG2403 World Literature 3
PSY 2110 Adolescent Psych 3
EMSE 2801 Intro Field Exp/K-12 3

CHEM 2180 – Principles Org Chem 4
BIO2500 - Principles of Botany 4
MATH2415 Calculus 4
Humanities/GE 3
EDUC 3000 Curr Eval & Learner 3

Total Credits 17

Total Credits 18

JUNIOR YEAR 3

FALL SEMESTER

BIO3400 - Zoology	4
ID2955 Disabled Persons	3
EDUC3401 Language Arts/reader	3
EMSE3122 Computers in Education	3
ES 1000 Observing the Earth	3

Total Credits 16

SPRING SEMESTER

PHYS2091 - General Physics I	4
BIO3709 – Genetics	4
BIO3614 - Ecology	4
EMSE 3230 Science Educ K-12 WE	3
EMSE 3801 Field Experience K-12	2
EMSE3903 Eng Lang Learn Amer	1

Total Credits 18

SENIOR YEAR 4

FALL SEMESTER

PHYS2092 - General Physics II	4
BIO Major Elective (3000-4000 level)	4
BIO Major Elective (3000-4000 level)	4
BIO4970 Seminar Int/Biology	3
Social Sciences/GE	3

Total Credits 18

SPRING SEMESTER

EMSE4811 Prof Inter/Subj Area K-12	9
EDUC4000 Teacher and Classroom	3
Humanities/GE	3

Total Credits 15

TOTAL CREDITS REQUIRED FOR GRADUATION

135 S.H.