

B.A. Biology - BA/MS Physician Assistant Track (70100/70185)



**KEAN UNIVERSITY
FOUR YEAR ACADEMIC PLAN**



B.A. Majors in Biology Program Options – Please Note

- ◆ Actual course sequence will vary by student/program and based upon availability of courses.
- ◆ Some advanced courses (major required & major elective) are offered on a rotating basis (e.g., every other year) and may vary by term offered (i.e. fall/spring/summer).
- ◆ Major Elective and Free Elective courses and their availability vary according to registration demand and availability of faculty. Selections are approved through the advisement process.
- ◆ Individual time to student’s completion of Graduation Requirements will vary according to successful conclusion of prerequisite and other courses. The four year plan below is provided for guidance only.

FRESHMAN - YEAR 1

FALL SEMESTER

<u>GE1000 - Transition to Kean</u>	1	_____
<u>ENG1030 - College Composition</u>	3	_____
<u>MATH1000 - College Algebra</u>	3	_____
<u>COMM1402 - Speech Communication</u>	3	_____
<u>HIST1000 or HIST1062</u>	3	_____
<u>ID1010 or ID1225</u>	3	_____

Total Credits 16 _____

SPRING SEMESTER

<u>BIO2200 - Cell Biology</u>	4	_____
<u>CHEM1083 - General Chemistry I</u>	4	_____
<u>MATH1054 - Precalculus</u>	3	_____
<u>GE2024 - Research & Technology</u>	3	_____
<u>GE Humanities Course</u>	3	_____

Total Credits 17 _____

SUMMER - YEAR 1

SUMMER I SEMESTER

_____	_	_____
_____	_	_____
Total Credits	_	_____

SUMMER II SEMESTER

_____	_	_____
_____	_	_____
Total Credits	_	_____

SOPHOMORE - YEAR 2

FALL SEMESTER

<u>BIO2400 - Genes, Organisms, Populations</u>	4	_____
<u>CHEM1084 - General Chemistry II</u>	4	_____
<u>ENG2403 - World Literature</u>	3	_____
<u>PSY1000 - General Psychology</u>	3	_____
<u>GE Social Science Course</u>	3	_____

Total Credits 17 _____

SPRING SEMESTER

<u>CHEM2581 - Organic Chemistry I - Lecture</u>	3	_____
<u>CHEM2583 - Organic Chemistry I - Lab</u>	2	_____
<u>PHYS2091 - General Physics I</u>	4	_____
<u>BIO4835 (Biostatistics) or MATH1016</u>	3	_____
<u>GE Humanities Course</u>	3	_____

Total Credits 15 _____

SUMMER - YEAR 2

SUMMER I SEMESTER

_____	_	_____
_____	_	_____
Total Credits	_	_____

SUMMER II SEMESTER

_____	_	_____
_____	_	_____
Total Credits	_	_____

JUNIOR - YEAR 3

FALL SEMESTER

CHEM2582 - Organic Chemistry II Lecture 3 _____
CHEM2584 - Organic Chemistry II Lab 2 _____
BIO3403 - Anatomy & Physiology I 4 _____
PHYS2092 - General Physics II 4 _____
Free Elective (1000-4000 level) 3 _____

Total Credits 16 _____

SPRING SEMESTER

MATH2415 - Calculus 4 _____
BIO3400 - Zoology 4 _____
BIO3404 - Anatomy & Physiology II 4 _____
BIO3704 - Genetics Lecture 3 _____

Total Credits 15 _____

SUMMER - YEAR 3

SUMMER I SEMESTER

_____ - _____
_____ - _____

Total Credits _____

SUMMER II SEMESTER

_____ - _____
_____ - _____

Total Credits _____

SENIOR - YEAR 4

FALL SEMESTER

Free Elective (1000-4000 level) 3 _____
Free Elective (1000-4000 level) 3 _____
Free Elective (1000-4000 level) 3 _____
Free Elective (3000-4000 level) 3 _____
Free Elective (3000-4000 level) 3 _____

Total Credits 15 _____

SPRING SEMESTER

BIO4970 - Senior Seminar 3 _____
Free Elective (3000-4000 level) 3 _____
If not admitted into OT program:
BIO2500 - Principles of Botany 4 _____
BIO3614 - Ecology 4 _____

Total Credits 14 _____

SUMMER - YEAR 4

SUMMER I SEMESTER

_____ - _____
_____ - _____

Total Credits _____

SUMMER II SEMESTER

_____ - _____
_____ - _____

Total Credits _____

TOTAL CREDITS REQUIRED FOR GRADUATION

124

