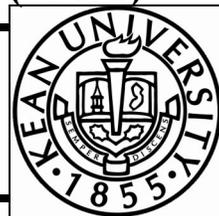




KEAN UNIVERSITY

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 - KEAN

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 1062 American/World History</u> | 3 | _____ |
| <u>GE Humanities Course</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>PSY1000 - General Psychology</u> | 3 | _____ |

Total Credits 17 _____

SUMMER - YEAR 1

SUMMER I SEMESTER

| | | |
|---------------|---|-------|
| _____ | _ | _____ |
| _____ | _ | _____ |
| Total Credits | | _____ |

SUMMER II SEMESTER

| | | |
|---------------|---|-------|
| _____ | _ | _____ |
| _____ | _ | _____ |
| Total Credits | | _____ |

SOPHOMORE - YEAR 2 - KEAN

FALL SEMESTER

| | | |
|--|---|-------|
| <u>BIO2400 - Genes, Organisms, Populations</u> | 4 | _____ |
| <u>CHEM1084 - General Chemistry II</u> | 4 | _____ |
| <u>ENG2403 - World Literature</u> | 3 | _____ |
| <u>MATH1016- Statistics</u> | 3 | _____ |

Total Credits 14 _____

SPRING SEMESTER

| | | |
|---|---|-------|
| <u>CHEM2581 - Organic Chemistry I - Lecture</u> | 3 | _____ |
| <u>CHEM2583 - Organic Chemistry I - Lab</u> | 2 | _____ |
| <u>BIO3305 - Microbiology</u> | 4 | _____ |
| <u>BIO3709 - Genetics</u> | 4 | _____ |
| <u>SOC1000 - Intro to Sociology</u> | 3 | _____ |

Total Credits 16 _____

SUMMER - YEAR 2

SUMMER I SEMESTER

| | | |
|---------------|---|-------|
| _____ | _ | _____ |
| _____ | _ | _____ |
| Total Credits | | _____ |

SUMMER II SEMESTER

| | | |
|---------------|---|-------|
| _____ | _ | _____ |
| _____ | _ | _____ |
| Total Credits | | _____ |

JUNIOR - YEAR 3 - KEAN

FALL SEMESTER

CHEM2582 - Organic Chemistry II Lecture 3 _____
CHEM2584 - Organic Chemistry II Lab 2 _____
BIO3403 - Anatomy & Physiology I 4 _____
BIO4315 - Immunology 4 _____

Total Credits 13 _____

SPRING SEMESTER

BIO3404 - Anatomy & Physiology II 4 _____
BIO4105 - Biochemistry 4 _____
BIO Major Elective 3000/4000 level 4 _____
BIO4970 - Senior Seminar 3 _____

Total Credits 15 _____

SENIOR - YEAR 4 - UMDNJ

SUMMER / FALL SEMESTER

UMDNJ Medical Lab Science Courses 23 _____

Total Credits 23 _____

SPRING / SUMMER SEMESTER

UMDNJ Medical Lab Science Courses 22 _____

Total Credits 22 _____

TOTAL CREDITS REQUIRED FOR GRADUATION

136

