**KEAN UNIVERSITY**
**COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES**
(70102) B.A. IN BIOLOGY (Honors Option) 124 S.H.
(EFFECTIVE: 9/02)

NAME_______________________________
STUDENT I.D.#______________________
START TERM_________________________

ID 1001 Freshman Seminar\(^1\) ________ 1 ___

### GENERAL EDUCATION REQUIREMENTS: 52-53 S.H.

### FOUNDATIONS REQUIREMENTS\(^2\): 12 S.H.
- ENG 1030 Composition\(^3\) __________ 3 ___
- MATH 1000 College Algebra \(^4\) _______ 3 ___
- COMM 1402 Speech Communication As Critical Citizenship _______ 3 ___
- GE 2024 Research & Technology _______ 3 ___

### DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS:
- **HUMANITIES** 9 S.H.
  - ENG 2403 World Literature_____________ 3 ___
  - (Select two courses from different areas)
    - Fine Arts or Art History____________________ 3 ___
    - Philosophy or Religion____________________ 3 ___
    - Foreign Languages \(^5\) __________ 3 ___
      - Music or Theatre__________ 3 ___
      - Interdisciplinary__________ 3 ___

- **SOCIAL SCIENCES** 9 S.H.
  - HIST 1000 Hist.of Civil Soc.in Amer.________ 3 ___
  - (Select two courses from different areas)
    - Economics or Geography___________ 3 ___
    - Political Science__________________ 3 ___
    - Psychology_______________________ 3 ___
    - Sociology or Anthropology__________ 3 ___

### SCIENCE & MATHEMATICS 11 S.H.
- MATH 1054 Precalculus\(^4\) __________ 3 ___
  - CHEM 1083 Chemistry I \(^6\) __________ 4 ___
  - CHEM 1084 Chemistry II \(^6\) __________ 4 ___

### HEALTH / PHYSICAL EDUCATION 2,3 S.H.
- ID 1225 Issues Contemp. Health__________ 3 ___
  - Physical Education____________________ 1 ___
  - Physical Education____________________ 1 ___

### CONCENTRATION 6 S.H.
- CHEM 3181 Organic Chem. Lec. I _______ 3 ___
- CHEM 3182 Organic Chem. Lec. II _______ 3 ___

### MAJOR/GE CAPSTONE COURSE 3 S.H.
- BIO 4971 Honors Seminar Int. Bio.\(^3\) \(^8\) 3 ___

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\(^1\) Required Distribution Course.

See reverse side for additional notes.

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In Progress ( )

Kean University ( )

### ADDITIONAL REQUIREMENTS 15 S.H.
- CHEM 3183 Organic Chem. Lab. I _____ 2 ___
- CHEM 3184 Organic Chem. Lab. II_____ 2 ___
- MATH 2411 Calculus I___________ 3 ___
- PHYS 2091 General Physics I______ 4 ___
- PHYS 2092 General Physics II______ 4 ___

### MAJOR REQUIREMENTS\(^3\) 40 S.H.
- REQUIRED COURSES IN BIOLOGY 29 S.H.
  - BIO 2200 Cell Biology___________ 4 ___
  - BIO 2400 Genes,Org.,Populations____ 4 ___
  - BIO 2500 Prin. Of Botany__________ 4 ___
  - BIO 3400 Zoology Form & Function\(^7\) 4 ___
  - BIO 3614 Prin. of Ecology WE_______ 4 ___
  - BIO 3704 Prin. of Genetics__________ 3 ___
  - BIO 4955 Intro. Bio. Research\(^8\)____ 3 ___
  - BIO 4963 Independ. Research Bio\(^8\)____ 3 ___

### MAJOR ELECTIVES: 11 S.H.

(Selected with departmental advisement at 3000 or 4000 level; may include Honors courses\(^8\) such as "BIO 4913 Special Topics in Bio Honors\(^8\)"

### FREE ELECTIVES: 15-16 S.H.

(50% at the 3000-4000 level)

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(70102) B.A. IN BIOLOGY (Honors Option)

NOTES:
1. Required of all Freshmen and Transfers with fewer than 10 credits.
2. See prerequisites and equivalencies on page 3.
3. A grade of "C" or better must be earned in ENG 1030, Major Requirements, and the Capstone.
4. Students whose qualifying score on the placement test makes them eligible to take either MATH 1054 or MATH 2411 may take that course instead. In that case, either MATH 1054 or MATH 2411 will count as the General Education requirement and the student must take 3 or 6 credits as Free Electives to total 124 s.h.
5. Credit granted only upon completion of both semesters of elementary or intermediate foreign language. Three credits may be applied to Humanities and three credits may be applied to Free Electives.
6. A grade of "C" or better must be earned in CHEM 1083-84; prerequisite to CHEM 3181.
7. Students enrolled before 9/96 may substitute BIO 3414 (Invertebrates) or BIO 3425 (Vertebrates).
8. The Honors Program requires students to take a minimum of four Honors courses. BIO 4913, BIO 4955, and BIO 4963 will be counted as three of four required Honors courses. BIO 4913 and other Biology major Honors courses can be used to complete the requirement for a minimum of four Honors courses.

GRADE POINT AVERAGE (GPA) REQUIREMENT FOR THE BIOLOGY HONORS MAJOR
1. To be admitted to the Honors Program, students must have their application approved by the Biology Department and must meet the following criteria:
   a. Matriculated and transfer students must have a GPA of 3.45 in the major and an overall GPA of 3.25.
   b. Entering freshmen must have scored an SAT of 950 or higher and be in the upper 25% of their graduating class.
2. To remain in the Honors program, students must maintain a GPA of 3.45 in the major and an overall GPA of 3.25.

GRADE POINT AVERAGE (GPA) REQUIREMENT FOR THE BIOLOGY MAJOR
As of January 1, 2001, the Department of Biological Sciences has formally adopted the following standard for the Biology major:
1. Minimum cumulative GPA of 2.5 at the time of application for acceptance as a declared Major.
2. Minimum cumulative GPA of 2.5 must be maintained in order to remain in the Biology Major.

Comments:

Evaluator's Signature___________________________________________Date________________
Advisor’s Signature_____________________________________________Date________________
Advisor’s Signature_____________________________________________Date________________
Advisor’s Signature_____________________________________________Date________________
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Your major department is located in the Science Building (C), Room 124, phone (908)737-3650.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS.