KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(70199) B.A. IN BIOLOGY (Teacher Certification Option) 127 S.H.
(EFFECTIVE:9/02)

NAME_____
STUDENT I.D.#_____
START TERM_____

ID 1001 Freshman Seminar[1] _____ 1 ___

GENERAL EDUCATION AND ADDITIONAL LIBERAL ARTS REQUIREMENTS **65 S.H.**

GENERAL EDUCATION REQUIREMENTS: **47 S.H.**

FOUNDATIONS REQUIREMENTS[2]: **12 S.H.**

ENG 1030 Composition[3] _____ 3 ____
MATH 1000 College Algebra [4] _____ 3 ____
COMM 1402 Speech Comm As Crit Citiz[3] ___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 Civ Soc Amer_____3____
PSY 1000 General Psychology_____3____
SOC 1000 Intro Sociology *OR*
ANTH 1800 Cultural Anthropology____3____

SCIENCE & MATHEMATICS **11 S.H.**

*MATH 1054 Precalculus[3&4]_____ 3 ____
CHEM 1083 Chemistry I[3&6]_____ 4 ____
CHEM 1084 Chemistry II[6]_____ 4 ____

HEALTH / PHYSICAL EDUCATION **3 S.H.**

ID 1225 Issues Contemp. Health_____ 3____

MAJOR/GE CAPSTONE COURSE[7] **3 S.H.**

BIO 4970 Seminar Int. Bio. ____ 3 ____

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[1] Required of all Freshmen and Transfers with fewer than 10 credits.
[2] See prerequisites and equivalencies on page 3.
[3] Eng 1030 and IEL 2801 require a grade of B- or better; Comm 1402, Math and Lab Science requirements require a grade of C or better. "Additional Requirements" require a grade of C or better.
[4] Students whose qualifying score on the placement test makes them eligible to take either Math 1054 or Math 2412 may take that course instead. In that case, Math 1054 or Math 2411 will count as the General Ed requirement and the student may take another 3 or 6 credits as free electives.

TRANSFER INSTITUTIONS (X) CREDITS

_____
_____ ____
_____ ____
_____ ____
In Progress ( ) _____ ____
Kean University( )_____ ____

ADDITIONAL REQUIREMENTS[3] **18 S.H.**

MATH 2411 Calculus I_____ 3 ____
PHYS 2091 General Physics I_____ 4 ____
PHYS 2092 General Physics II_____ 4 ____
CHEM 2180 Prin. Organic Chemistry _ 4 ____
PSY 2110 Psych. Adolescence_____ 3 ____

MAJOR REQUIREMENTS[7] **31 S.H.**

REQUIRED COURSES 23 S.H.

BIO 2200 Cell Biology_____ 4___
BIO 2400 Genes,Org.,Populations_____ 4 ___
BIO 2500 Prin. Of Botany_____ 4 ___
BIO 3400 Zoology Form & Function[8]___ 4 ___
BIO 3614 Prin. Of Ecology WE_____ 4 ___
BIO 3704 Prin. Of Genetics_____ 3 ___

MAJOR ELECTIVES 8 S.H.

(*Selected with Departmental Advisement at the 3000-4000 level*)

_____ ____
_____ ____
_____ ____

PROFESSIONAL EDUCATION **30 S.H.**

Grades of B- or better in professional education courses (and "Satisfactory" grades in IEL 3801 & IEL 4801) for students accepted to Kean University as of January 1996.

Sophomore Level

IEL 2801 Intro Field Exp /Subj Area K-12[3]_____ 3 ____

Junior Level

EDUC 3000 Curr Eval & Learner _____3____
EDUC 3401 Language Arts/Reading K-12 _____3____
IEL 3122 Computers in Education _____3 ____
IEL 3230 Science Education K-12 WE _____3 ____
IEL 3801 Field Experience Subj Area K-12_____ 2 ____

Senior Level

IEL 4801 Professional Intern/ Subj Area K-12 _____10 ____

Professional /GE Capstone

EDUC 4000 Teacher and Classroom _____3____

(OVER)

[5] Credit granted only upon completion of both semesters of elementary or intermediate foreign language.
[6] A grade of "C" or better must be earned in Chem 1083-1084.
[7] A minimum grade of C in no more than two major courses. A grade of B- or higher in remaining major courses.
[8] Students enrolled before 9/96 may substitute BIO 3414 Invertebrates or BIO 3425 Vertebrates.

*Required Distribution Course.
See Reverse side for additional notes.

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GRADE POINT AVERAGE (GPA) REQUIREMENT FOR THE MAJOR

As of January 1, 2001, the Department of Biological Sciences has formally adopted the following standard for all options of 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.
3. To be accepted in a professional education program, students must have and maintain a combined GPA of 2.75 and complete the required admission procedure.

Comments:

NEW JERSEY REQUIRES A PASSING SCORE ON THE **BIOLOGY, CONTENT KNOWLEDGE PART 2**, AND ON THE **GENERAL SCIENCE CONTENT AREA PARTS 1 AND 2** OF THE PRAXIS SERIES EXAM BEFORE CERTIFICATION. THE TEST SHOULD BE TAKEN IN THE SENIOR YEAR AND NOT MORE THAN (9) MONTHS PRIOR TO GRADUATION. REFER TO THE "N.J. PRAXIS SERIES; PROFESSIONAL ASSESSMENTS FOR BEGINNING TEACHERS" REGISTRATION BULLETIN AND YOUR MAJOR DEPARTMENT FOR MORE INFORMATION.

Criteria for acceptance into Teacher Education Programs:

A. Minimum GPA of 2.75 (combined from all institutions of higher education attended).
B. Completion of the following courses/minimum grades:
   - ENG 1030 College Composition (minimum grade of B-)
   - COMM 1402 Speech Comm As Critical Citizenship (minimum grade of C)
   - IEL 2801 Intro to Field Experience in Subject Area K-12 (minimum grade B-)
   - Laboratory Science course (minimum grade of C)
   - Math requirement (minimum grade of C)
C. Completion of the Speech/Language Screening test available from the Child Study Institute.
D. All applicants must file a formal application for admission with the office of the major department and have an admissions interview with the program coordinator. Contact Professor Jerry Weiner, Coordinator of K-12 Secondary Education Program, Willis Hall 109, (908) 737-4270.

Evaluator's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Advisor's Signature_____Date_____

Your major department is located in the Science Building (C), Room 123, phone (908)737-3650.

YOU MUST BRING THIS EVALUATION AND YOUR KEAN UNIVERSITY

TRANSCRIPT TO ALL ADVISING/REGISTRATION SESSIONS.