

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(70199) B.A. IN BIOLOGY (Teacher Certification Option) 133 S.H.
(EFFECTIVE: 9/09)

NAME _____
 STUDENT I.D.# _____
 START TERM _____

TRANSFER INSTITUTIONS (X) _____ CREDITS _____

 In Progress () _____
 Kean University () _____

GENERAL EDUCATION AND ADDITIONAL LIBERAL ARTS REQUIREMENTS 72 S.H.

GENERAL EDUCATION REQUIREMENTS: 48 S.H.

FOUNDATIONS REQUIREMENTS¹: 13 S.H.

GE 1000 Transition to Kean² _____ 1 _____
 ENG 1030 Composition³ _____ 3 _____
 MATH 1000 College Algebra⁴ _____ 3 _____
 COMM 1402 Speech Comm As Crit Citiz³ _____ 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 Languages⁵ _____ 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 II⁶ _____ 4 _____

HEALTH / PHYSICAL EDUCATION 3 S.H.

ID 1225 Issues Contemp. Health _____ 3 _____

MAJOR/GE CAPSTONE COURSE⁷ 3 S.H.

BIO 4970 Seminar Int. Bio. _____ 3 _____

ADDITIONAL REQUIREMENTS³ 24 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 _____
 ES 1000 Observing the Earth _____ 3 _____
 ID 2955 Disabled Pers in Amer Soc _____ 3 _____

MAJOR REQUIREMENTS⁷ 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 _____ 4 _____
 BIO 3614 Prin. Of Ecology WE⁸ _____ 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 EMSE 3801 & EMSE 4811) for students accepted to Kean University as of January 1996.

Sophomore Level

EMSE 2801 Intro Field Exp /Subj Area K-12³ _____ 3 _____

Junior Level

EDUC 3000 Curr Eval & Learner _____ 3 _____
 EDUC 3401 Language Arts/Reading K-12 _____ 3 _____
 EMSE 3122 Computers in Education _____ 3 _____
 EMSE 3230 Science Education K-12 (WE)⁸ _____ 3 _____
 EMSE 3801 Field Experience Subj Area K-12 _____ 2 _____
 EDUC 3903 Eng Language Learning in America* _____ 1 _____

(*take with EMSE 3801)

Senior Level

EMSE 4811 Professional Intern/ Subj Area K-12⁹ _____ 9 _____

Professional /GE Capstone

EDUC 4000 Teacher and Classroom _____ 3 _____

(OVER)

¹ See Prerequisites and equivalencies on page 3.

² Required of all Freshmen and Transfers with fewer than 10 credits.

³ Eng 1030, Comm 1402, and EMSE 2801 require a grade of B- or better; 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.

⁵ Credit granted only upon completion of both semesters of elementary of 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 must complete a Writing Emphasis (WE) course in Biology and in Professional Education.

⁹ Prerequisite: Passing Score on appropriate Praxis II test. See reverse side for additional information.

*Required Distribution Course.