Kean University – College of Natural, Applied, and Health Sciences

B.A. in Biology – Teacher Certification Option P-12 (70197)

135 SH – Effective Date: 9/2014

Start Term:

Name			
Kean ID#			

Transfer Institution		**Credits**

GENERAL EDUCATION: 48 Semester Hours			
FOUNDATION REQUIREMENTS[1]: 13 SH			
GE 1000	Transition to Kean[2]	1	
ENG 1030	College Composition[3]	3	
MATH 1000	College Algebra	3	
COMM 1402	Speech Communication[3]	3	
GE 2024	Research & Technology	3	
DISCIPLINARY & INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS			
Humanities: 9 SH			
†ENG 2403	World Literature	3	
Pick Two from different subject areas	Fine Arts / Art History	3	
	Philosophy / Religion	3	
	Foreign Language[6] (Must take I & II for credit)	3	
	Music / Theater	3	
	Interdisciplinary	3	
	Social Sciences: 9 SH		
†HIST 1062	Worlds of History	3	
PSY 1000	General Psychology	3	
Pick One subject area	Economics or Geography	3	
	Political Science	3	
	Sociology or Anthropology	3	
	Interdisciplinary	3	
Science & Mathematics: 11 SH			
MATH 1054	Pre Calculus[4,5]	3	
CHEM 1083	General Chemistry I[4]	4	
CHEM 1084	General Chemistry II[4]	4	
Health & Physical Education: 3 SH			
ID 1225	Issues in Contemporary Health	3	
	E		
Major / GE Capstone Course: 3 SH			
BIO 4970	Seminar in Integrative Biology	3	

ADDITIONAL REQUIRED COURSES: 25 SH			
CHEM 2180	Principles of Organic Chemistry	4	
PHYS 2091	General Physics I	4	
PHYS 2092	General Physics II	4	
ES 1000	Observing the Earth	3	
MATH 2415	Calculus I	4	
PSY 2110	Adolescent Psychology	3	
ID 2955	Disabled Persons in Amer Society	3	
ACADEMIC MAJOR COURSES: 32 SH			
BIO 1300	General Biology I[7]	4	
BIO 1400	General Biology II[7]	4	
BIO 3400	Zoology Form & Function	4	
BIO 2500	Principles of Botany	4	
BIO 3614	Principles of Ecology[8] WE	4	
BIO 3709	Genetics	4	
Major Electives: 8 SH (selected with advisement)			
PROFESSIONAL EDUCATION: 30 SH*			
Sophomore Level			
EMSE 2801	Intro Field Exp/Subj Area K-12[3]	3	
Junior level			
EDUC 3000	Curriculum Evaluation & Learner	3	
EDUC 3401	Language Arts/Reading K-12	3	
EMSE 3122	Computers in Education	3	
EMSE 3230	Science Education K-12[8] WE	3	
EMSE 3801	Field Experience Subj K-12	2	
		1	
EMSE 3903	Eng Lang Learning in America		
Senior Level			
EMSE 4811	Professional Inter/Subj Area K-12[9]	9	
Professional/GE Capstone			
EDUC 4000	Teacher and Classroom	3	

[1] See prerequisites and equivalencies
[2] Required of all freshmen / transfers with less than 10 credits
[3] Require a grade of B- or better
[4] Require a grade of C or better
[5] With qualifying placement test scores, this course may be substituted with an elective
[6] Both I & II must be completed giving credit as a foreign language plus one free elective
[7] Students enrolled before 9/14 substitute BIO 2200/BIO 2400
[8] Required Writing Emphasis (WE) course
[9] Prerequisite passing score on appropriate Praxis II tests. See additional information on reverse side.
[10] No more than two grades of C or C+ allowed with other grades of B- min.
[*] The minimum GPA for programs in the College of Education is 3.0.

Grade Point Average (GPA) Requirement for the Major

The Biological Sciences program has formally adopted the following standard for all options of the Biology major Teacher Certification Option:
1. Minimum cumulative GPA of 3.0 at the time of application for acceptance as a declared major.
2. Minimum cumulative GPA of 3.0 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 3.0 and complete the required admission procedure.

Comments:

New Jersey requires a passing score on the Praxis II examinations, Biology: Content Knowledge Part 2 and General Science: Content Area Parts 1 and 2 as partial fulfillment of the teacher certification requirement.

The tests must be taken and passed PRIOR to EMSE 4811 Professional Field Internship (student teaching). Also, passing Praxis II scores must be on file in the Teaching Performance Center of Kean University (Willis Hall 110) before taking EMSE 4811. Passing Praxis II scores in each area of certification are determined by the NJ Department of Education and are subject to change.

Please refer to the "NJ Praxis Series: Professional Assessments for Beginning Teachers" and consult your Major department for more information,

Criteria for acceptance into Teacher Education Programs:

A. Minimum GPA of 3.0 (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 B-)
- EMSE 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. Passing score on the Praxis Core Academic Skills Test

D. Completion of the Speech/Language Screening test available from the Child Study Institute.

E. 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 Linda Cahir, Coordinator of K-12 Secondary Education Program, Hutchinson Hall J 334-F, (908) 737-4008 or e-mail lcahir@kean.edu.

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Evaluator's Signature Date

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Advisor's Signature Date

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Advisor's Signature Date

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YOUR MAJOR'S DEPARTMENT IS LOCATED IN THE SCIENCE BUILDING, ROOM C-124.
TELEPHONE 908-737-3650