

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(70300) B.S. IN BIOLOGY (General Option) 124 S.H.
(EFFECTIVE: 9/09)

	TRANSFER INSTITUTIONS (X)	CREDITS
NAME _____	_____	_____
STUDENT I.D.# _____	_____	_____
START TERM _____	_____	_____
	In Progress () _____	_____
	Kean University () _____	_____

GENERAL EDUCATION REQUIREMENTS: 35 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 Communication As
Critical Citizenship _____ 3 _____

GE 2024 Research & Technology _____ 3 _____

DISCIPLINARY & INTERDISCIPLINARY REQUIREMENTS:

HUMANITIES 6 S.H.

*ENG 2403 World Literature _____ 3 _____
(Select one course from below)

Fine Arts or Art History _____ 3 _____

Philosophy or Religion _____ 3 _____

Foreign Languages⁵ _____ 3 _____

Music or Theatre _____ 3 _____

Interdisciplinary _____ 3 _____

SOCIAL SCIENCES 6 S.H.

*HIST 1000 Hist of Civil Soc in Amer _____ 3 _____
(Select one course from below)

Economics or Geography _____ 3 _____

Political Science _____ 3 _____

Psychology _____ 3 _____

Sociology or Anthropology _____ 3 _____

Interdisciplinary _____ 3 _____

SCIENCE & MATHEMATICS 7 S.H.

*MATH 1054 Precalculus⁴ _____ 3 _____

CHEM 1083 Chemistry I⁶ _____ 4 _____

MAJOR/GE CAPSTONE COURSE³ 3 S.H.

BIO 4970 Seminar Int. Bio. _____ 3 _____

ADDITIONAL REQUIREMENTS 25 S.H.

CHEM 1084 Chemistry II⁶ _____ 4 _____

CHEM 2581 Organic Chem. Lec. I _____ 3 _____

CHEM 2582 Organic Chem. Lec. II _____ 3 _____

CHEM 2583 Organic Chem. Lab. I _____ 2 _____

CHEM 2584 Organic Chem. Lab. II _____ 2 _____

MATH 2411 Calculus I _____ 3 _____

PHYS 2091 General Physics I _____ 4 _____

PHYS 2092 General Physics II _____ 4 _____

MAJOR REQUIREMENTS³ 49-50 S.H.

REQUIRED COURSES IN BIOLOGY 35 S.H.

BIO 2200 Cell Biology _____ 4 _____

BIO 2400 Genes, Organisms, Populations⁴ _____ 4 _____

BIO 2500 Principles of Botany _____ 4 _____

BIO 2900 Computer Applications Bio. _____ 3 _____

BIO 3400 Zoology Form & Function _____ 4 _____

BIO 3614 Principles of Ecology WE _____ 4 _____

BIO 3704 Principles of Genetics _____ 3 _____

BIO 3705 Principles of Genetics Lab _____ 2 _____

BIO 4105 Essentials of Biochem WE _____ 4 _____

BIO 4835 Biostatistics _____ 3 _____

MAJOR ELECTIVES 14-15 S.H.

(Selected with departmental advisement at 3000 or 4000 level.)

_____ 4 _____

_____ 4 _____

_____ 3 _____

_____ 3 _____

FREE ELECTIVES 14-15 S.H.

(50% at the 3000-4000 level)

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

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NOTES:

1. See prerequisites and equivalencies on page 3.
2. Required of all Freshmen and Transfers with fewer than 10 credits.
3. A grade of "C" or better must be earned in Eng. 1030, Major Requirements, and 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 another 3 or 6 credits as Free Electives to complete 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.

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.

Comments:

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 Science Building (C), Room 123, phone (908)737-3650.

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