

KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(70300) B. S. IN BIOLOGY (General Option) 124 S. H.
(EFFECTIVE 09/11)

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

TRANSFER INSTITUTIONS	CREDITS
_____	_____
_____	_____
_____	_____
In Progress () _____	_____
Kean University () _____	_____

GENERAL EDUCATION REQUIREMENTS: 32 S. H.

FOUNDATION REQUIREMENTS: 13 S. H.
 GE 1000 Transition to Kean _____ 1 _____
 ENG 1030 Composition _____ 3 _____
 MATH 1000 College Algebra _____ 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 Language _____ 3 _____
 Music or Theatre _____ 3 _____
 Interdisciplinary _____ 3 _____

SOCIAL SCIENCES 6 S. H.
 HIST 1000 History of Civil Society
 in America
 or
 HIST 1062 Worlds of History _____ 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 Precalculus _____ 3 _____
 CHEM 1083 Chemistry I _____ 4 _____

ADDITIONAL REQUIREMENTS 25 S. H.
 CHEM 1084 Chemistry II _____ 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 REQUIREMENTS 50 S. H.

REQUIRED COURSES IN BIOLOGY 36 S. H.
 SELS 1200 Introduction to Biology _____ 4 _____
 SELS 2201 General Biology: Diversity and
 Interactions _____ 4 _____
 SELS 2202 General Biology: Molecular and Cellular Processes
 _____ 4 _____
 BIO 2500 Principles of Botany _____ 4 _____
 BIO 3400 Zoology: Form and Function _____ 4 _____
 BIO 3614 Principles of Ecology _____ 4 _____
 BIO 3704 Principles of Genetics _____ 3 _____
 BIO 3705 Principles of Genetics Lab _____ 2 _____
 BIO 4105 Essentials of Biochemistry _____ 4 _____
 BIO 4835 Biostatistics 3 _____ 3 _____

MAJOR ELECTIVES 14 S. H.
(To be selected with departmental advisement)
 _____ 4 _____
 _____ 4 _____
 _____ 3 _____
 _____ 3 _____

MAJOR/GE CAPSTONE COURSE 3 S. H.
 BIO 4970 Seminar Int. Bio. _____ 3 _____

FREE ELECTIVES 14 S. H.
(50% at the 3000-4000 level)
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