KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED AND HEALTH SCIENCES
(70303) B. S. IN BIOLOGY (Biotechnology 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 40 S. H.

REQUIRED COURSES IN BIOLOGY 33 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 3305 Principles of Microbiology _____4_____
BIO 3704 Principles of Genetics _____3_____
BIO 3705 Principles of Genetics Lab _____2_____
BIO 3820 Basic Tissue Culture _____4_____
BIO 4105 Essentials of Biochemistry _____4_____
BIO 4700 Molecular Genetics_____4_____

PROGRAM-RELATED ELECTIVES 7 S. H.
Selected with departmental advisement from a list at the 3000-4000 level.
_____ 4 _____
_____ 3 _____

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

FREE ELECTIVES 24 S. H.
(*50% at the 3000-4000 level*)
_____ _____
_____ _____
_____ _____
_____ _____
_____ _____
_____ _____

Rev 5/11