B.S. Biology - Clinical Laboratory Science / UMDNJ Cytotechnology (70400)

KEAN UNIVERSITY

FOUR YEAR ACADEMIC PLAN

B.A. Majors in Biology Program Options – Please Note

- Actual course sequence will vary by student/program and based upon availability of courses.
- Some advanced courses (major required & major elective) are offered on a rotating basis (e.g., every other year) and may vary by term offered (i.e. fall/spring/summer).
- Major Elective and Free Elective courses and their availability vary according to registration demand and availability of faculty. Selections are approved through the advisement process.
- Individual time to student's completion of Graduation Requirements will vary according to successful conclusion of prerequisite and other courses. The four year plan below is provided for guidance only.

F R E S H M A N - Y E A R 1 - K E A N

FALL SEMESTER			SPRING SEMESTER		
GE1000 - Transition to Kean	1	____	BIO2200 - Cell Biology	4	____
ENG1030 - College Composition	3	____	CHEM1083 - General Chemistry I	4	____
MATH1000 - College Algebra	3	____	MATH1054 - Precalculus	3	____
COMM1402 - Speech Communication	3	____	GE2024 - Research & Technology	3	____
HIST1000 or 1062 American/World History	3	____	PSY1000 - General Psychology	3	____
GE Humanities Course	3	____			
Total Credits	16	____	Total Credits	17	____

S U M M E R - Y E A R 1

SUMMER I SEMESTER			SUMMER II SEMESTER		
_____	_	____	_____	_	____
_____	_	____	_____	_	____
Total Credits	_	____	Total Credits	_	____

S O P H O M O R E - Y E A R 2 - K E A N

FALL SEMESTER			SPRING SEMESTER		
BIO2400 - Genes, Organisms, Populations	4	____	CHEM2581 - Organic Chemistry I - Lecture	3	____
CHEM1084 - General Chemistry II	4	____	CHEM2583 - Organic Chemistry I - Lab	2	____
ENG2403 - World Literature	3	____	BIO3305 - Microbiology	4	____
MATH1016- Statistics	3	____	BIO3709 - Genetics	4	____
			SOC1000 - Intro to Sociology	3	____
Total Credits	14	____	Total Credits	16	____

S U M M E R - Y E A R 2

SUMMER I SEMESTER			SUMMER II SEMESTER		
_____	_	____	_____	_	____
_____	_	____	_____	_	____
Total Credits	_	____	Total Credits	_	____

J U N I O R - Y E A R 3 - K E A N

FALL SEMESTER			SPRING SEMESTER		
CHEM2582 - Organic Chemistry II Lecture	3	____	BIO3404 - Anatomy & Physiology II	4	____
CHEM2584 - Organic Chemistry II Lab	2	____	BIO4105 - Biochemistry	4	____
BIO3403 - Anatomy & Physiology I	4	____	BIO3260 - Histology	4	____
BIO4315 - Immunology	4	____	BIO Major Elective 3000/4000 level	4	____
BIO4970 - Senior Seminar	3	____			
Total Credits	16	____	Total Credits	16	____

S E N I O R - Y E A R 4 - U M D N J

SUMMER / FALL SEMESTER			SPRING / SUMMER SEMESTER		
UMDNJ Cytotechnology Courses	21	____	UMDNJ Cytotechnology Courses	21	____
Total Credits	21	____	Total Credits	21	____

TOTAL CREDITS REQUIRED FOR GRADUATION **137**