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

FRESHMAN - YEAR 1 - KEAN  FALL SEMESTER  SPRING SEMESTER  GE1000 - Transition to Kean 1 BIO2200 - Cell Biology ENG1030 - College Composition 3 CHEM1083 - General Chemistry I  MATH1000 - College Algebra 3 MATH1054 - Precalculus  COMM1402 - Speech Communication 3 GE2024 - Research & Technology HIST1000 or 1062 American/World History 3 PSY1000 - General Psychology  GE Humanities Course 3  Total Credits 16 Total Credits  SUMMER I SEMESTER  SUMMER II SEMESTER	433 33 its 17
GE1000 - Transition to Kean  ENG1030 - College Composition  MATH1000 - College Algebra  COMM1402 - Speech Communication  HIST1000 or 1062 American/World History  GE Humanities Course  Total Credits  SUMMER I SEMESTER  BIO2200 - Cell Biology  CHEM1083 - General Chemistry I  MATH1054 - Precalculus  GE2024 - Research & Technology  PSY1000 - General Psychology  Total Credits  SUMMER I SEMESTER  SUMMER II SEMESTER	433 33 its 17
ENG1030 - College Composition  MATH1000 - College Algebra  COMM1402 - Speech Communication  HIST1000 or 1062 American/World History  GE Humanities Course  Total Credits 16  SUMMER I SEMESTER  SUMMER I SEMESTER  CHEM1083 - General Chemistry I  MATH1054 - Precalculus  GE2024 - Research & Technology  PSY1000 - General Psychology  Total Credits  SUMMER I SEMESTER  SUMMER II SEMESTER	433 33 its 17
ENG1030 - College Composition  MATH1000 - College Algebra  COMM1402 - Speech Communication  HIST1000 or 1062 American/World History  GE Humanities Course  Total Credits 16  SUMMER I SEMESTER  SUMMER I SEMESTER  CHEM1083 - General Chemistry I  MATH1054 - Precalculus  GE2024 - Research & Technology  PSY1000 - General Psychology  Total Credits  SUMMER I SEMESTER  SUMMER II SEMESTER	433 33 its 17
MATH1000 - College Algebra 3 MATH1054 - Precalculus  COMM1402 - Speech Communication 3 GE2024 - Research & Technology  HIST1000 or 1062 American/World History 3 PSY1000 - General Psychology  GE Humanities Course 3  Total Credits 16 Total Credits  SUMMER I SEMESTER  SUMMER II SEMESTER  SUMMER II SEMESTER	333its 17
COMM1402 - Speech Communication 3 GE2024 - Research & Technology HIST1000 or 1062 American/World History 3 PSY1000 - General Psychology  GE Humanities Course 3  Total Credits 16 Total Credits  SUMMER I SEMESTER  SUMMER II SEMESTER  SUMMER II SEMESTER	3 3
Total Credits 16 Total Credits 16 Total Credits 15 SUMMER I SEMESTER SUMMER II SEMESTER	its 17
Total Credits 16 Total Credits  SUMMER - YEAR 1  SUMMER I SEMESTER SUMMER II SEMESTER	
SUMMER - YEAR 1 SUMMER I SEMESTER SUMMER II SEMESTER	
SUMMER I SEMESTER SUMMER II SEMESTER	t.
	<b>\</b>
T + 1 C 1'	
Total Credits Total Cred	
SOPHOMORE - YEAR 2 - KEAN	
FALL SEMESTER SPRING SEMESTER	
BIO2400 - Genes, Organisms, Populations 4 CHEM2581 - Organic Chemistry I - Le	ecture 3
CHEM1084 - General Chemistry II 4 CHEM2583 - Organic Chemistry I - La	
ENG2403 - World Literature 3 BIO3305 - Microbiology	4
MATH1016- Statistics 3 BIO3709 - Genetics	4
SOC1000 - Intro to Sociology	3
Total Credits 14 Total Cred	its 16
SUMMER - YEAR 2	
SUMMER I SEMESTER SUMMER II SEMESTER	,
SUMMER I SEMESTER SUMMER II SEMESTER	•
<del></del>	
Total Credits Total Cred	its

## FALL SEMESTER SPRING SEMESTER CHEM2582 - Organic Chemistry II Lecture 3 BIO3404 - Anatomy & Physiology II 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

SENIOR	-	Y E A	R	4	- UMDNJ	
SUMMER / FALL SEMESTER					SPRING / SUMMER SEMESTER	
UMDNJ Cytotechnology Courses	_ 21		<u>UN</u>	1DN	NJ Cytotechnology Courses 2	21
Total Credits	21				Total Credits 2	21

TOTAL CREDITS REQUIRED FOR GRADUATION

