Four-Year B.S. Biomedicine

Sample Pathway to Graduation

124 S.H. – non-RFI Track
125 S.H. – RFI Track

Freshman Year: Summer Semester			
GE 1000: Transition to Kean	1		
Freshman Year: Fall Semester		**Freshman Year: Spring Semester**	
ENG 1030: Composition	3	STME 2903: Research Experience (RFI track)	2
STME 2601: Living Systems I	4	STME 1603: Math & Computational Methods II	4
STME 1403: Math & Computational Methods I	4	STME 2602: Living Systems II	4
STME 1903: Research Methods	1	STME 1601: Chemical Systems II	4
STME: 1401: Chemical Systems I	4	COMM 1402: Speech Communication	3
	16		15 – 17
Sophomore Year: Fall Semester		**Sophomore Year: Spring Semester**	
GE 2024: Research and Technology	3	HIST 1062: Worlds of History (RFI track)	3
STME 3903: Advanced Research Experience (RFI track)	3	BIO 3404: Anatomy & Physiology II	4
STME 2681: Organic Chemistry I	3	STME 2682: Organic Chemistry II	3
STME 2683: Organic Chemistry I Lab	2	STME 2684: Organic Chemistry II Lab	2
BIO 3403: Anatomy & Physiology I	4	STME 2603: Probabilistic Methods of Science	4
HIST 1062: Worlds of History (non-RFI track)	3		
	15		13 – 16
Junior Year: Fall Semester		**Junior Year: Spring Semester**	
STME 2401: Physical Systems I	4	GE Approved Humanities Requirement	3
BIO 3305: Principles of Microbiology	4	STME 2402: Physical Systems II	4
ENG 2403: World Literature	3	BIO 3709: Genetics	4
BIO 3405: Basic Gross Anatomy	4	STME 3401: Biochemistry OR BIO 4105: Essentials of Biochemistry	4
		STME 3610: Current Issues in Sci & Tech (non-RFI track)**	1
	15		15 – 16
Senior Year: Fall Semester		**Senior Year: Spring Semester**	
Free elective	3	STME 4610: Science & Technology Seminar (Capstone)	3
BIO 4315: Immunology	4	GE Social Sciences Requirement	3
BIO 4310: Virology	4	Free elective	3
Major elective (non-RFI track)*	3	STME 4410: Systems Neuroscience	3
Foreign Language Requirement 1	3	STME 4611: NJCSTM Service Learning	1
		Foreign Language Requirement 2	3
	14 – 17		16

**Major Electives: RFI Track = 0 cr.; non-RFI Track = 3 cr.*

***STME 3610 to be taken by students who did not complete <u>both</u> STME 2903 & 3903 (RFI Research Experience)*