Department of Biomedical Engineering

To transfer in as a Sophomore, the following highlighted key courses, or equivalent, must be completed:

	FALL			SPRING	
160:159	Gen Chem for Engrs I	3	160:160	Gen Chem for Engrs 2	3
160:171	Intro to Experiment	1	440:127	Intro Comp for Engrs	3
355:101	Expository Writing	3	640:152	Calculus II	4
640:151	Calculus I	4	750:124	Analytical Physics Ib	2
750:123	Analytical Physics Ia	2	440:221	Eng'g Mech: Statics	3
440:100	Eng'g Orient Lecture	1		Hum/Soc Elective	3
	Hum/Soc Elective	3			

To transfer in as a Junior, the following highlighted key courses, or equivalent, must be completed:

	FALL			SPRING	
125:201	Intro to Biomed Eng'ng	3	125:255	Systems Physiology	3
640:251	Multivariable Calculus	4	640:244	Differential Equations	4
750:227	Analytical Physics IIa	3	750:228	Analytical Physics IIb	3
750:229	Analytical Phys IIa Lab	1	750:229	Analytical Physics IIb	1
119:115	Biology I*	4	119:117	Biology Lab*	2
	Hum/Soc Elective	3	220:102	Microeconomics	3

IMPORTANT DEPARTMENTAL GUIDELINES:

1. Intro to Biomed Eng'ng (125:201) AND Systems Physiology (125:255) are pre-requisites for all junior level courses, and can be taken during the summer
2. *The Rutgers Biology department will only allow Biology courses to be transferred in if the entire sequence is taken at the same institution (Biology I,II,Lab). This means that if you have only taken the equivalent of Biology I at your current institution, you will have to take both Biology I, II, and Lab, at Rutgers after transferring in.
3. Organic Chemistry is not required for the standard BME degree. However, it is required for pre-med, and strongly recommended for the Tissue Engineering and Molecular Bioengineering track. 2 semesters of Organic + Lab will count for 3 technical electives.