

**B.S. BIOPHYSICS**  
(120 credits)  
**ACADEMIC CURRICULUM AND CHECK LIST**

Name: \_\_\_\_\_

NJIT ID number: \_\_\_\_\_

<b>FIRST YEAR (FALL)</b>			<b>Cr</b>	<b>FIRST YEAR (SPRING)</b>			<b>Cr</b>
<i>HUM</i>	101	3		PHYS	114	3	
PHYS	111	3		PHYS	121	3	
PHYS	111A	1		PHYS	121A	1	
MATH	111	4		MATH	112	4	
CS	113 or 115	3		CHEM	122 or 126	3	
CHEM	121 or 125	3		CHEM (LAB)	124	1	
Freshman	Seminar	0					
	<b>Term Cr</b>	<b>17</b>			<b>Term Cr</b>	<b>15</b>	
<b>SECOND YEAR (FALL)</b>			<b>Cr</b>	<b>SECOND YEAR (SPRING)</b>			<b>Cr</b>
<i>HUM</i>	102	3		MATH	222	4	
PHYS	234	3		MATH	328	3	
PHYS	231A	1		PHYS335 or R315 THERMODYNAMICS	335 / R315	3	
MATH	213	4		<i>Cultural History GER</i>	ELECTIVE	3	
<i>MATH (1-credit Stats GUR, or 3-credit MATH 333 la</i>	225	1					
Open Elective	ELECTIVE	3					
	<b>Term Cr</b>	<b>15</b>			<b>Term Cr</b>	<b>13</b>	
<b>THIRD YEAR (FALL)</b>			<b>Cr</b>	<b>THIRD YEAR (SPRING)</b>			<b>Cr</b>
<b>Biophysics Program</b>				<b>Biophysics Program</b>			
BIOL	200	4		OPSE	310	3	
PHYS	432	3		PHYS	433	3	
PHYS	430	3		R120	201	3	
CHEM	243	3		R120	202	1	
<i>UPPER LEVEL COM/ENG/HIST/LIT/PHIL/STS/THR</i>	ELECTIVE	3		<i>UPPER LEVEL COM/ENG/HIST/LIT/PHIL/STS/TH</i>	ELECTIVE	3	
	<b>Term Cr</b>	<b>16</b>		<i>CAPSTONE SEMINAR/GER</i>	ELECTIVE	3	
					<b>Term Cr</b>	<b>16</b>	
<b>FOURTH YEAR (FALL)</b>			<b>Cr</b>	<b>FOURTH YEAR (SPRING)</b>			<b>Cr</b>
<b>Biophysics Program</b>				<b>Biophysics Program</b>			
PHYS442 or R404 QUANTUM MECHANICS	442 / R404	3		PHYS	450	3	
PHYS	350	3		PHYS	451	3	
PHYS	418	3		OPSE	410	3	
300 or 400 level Physics Elective	ELECTIVE	3		<i>OPEN ELECTIVE</i>	ELECTIVE	4	
<i>MANAGEMENT/SS GER</i>	ELECTIVE	3					
	<b>Term Cr</b>	<b>15</b>			<b>Term Cr</b>	<b>13</b>	