

### BIOCHEMISTRY & MOLECULAR BIOLOGY CURRICULUM

Common Core (40-42 credits)			Major Emphasis (up to 48 Credits)		
FYE-101	3	First Year Experience	BIO-103 & 181	4	General Biology I & Lab
SOS-151	3	African American Experience	BIO-104 & 182	4	General Biology II & Lab
HPR-101	2	Dimensions of Wellness	BIO-208 & 281	4	Genetics & Lab
ENG-101	3	English Composition I	BIO-406 & 496	4	Cell Biology & Lab
ENG-102	3	English Composition II	BIO-407 & 494	4	Molecular Biology & Lab
ENG-207 or 208	3	World Literature I or II	CHE-103 & 161	4	General Chemistry I & Lab
ART-200 or MUS-200	3	Intro. to Art or Intro. to Music	CHE-104 & 162	4	General Chemistry II & Lab
PHL-200 or REL-200	3	Intro. to Phil. or Intro. to Rel.	CHE-203 & 273	4	Organic Chemistry I & Lab
MAT-121	4	Calculus I	CHE-204 & 274	4	Organic Chemistry II & Lab
PHY-105 & 1L7	4	General Physics I & Lab	CHE-201 & 271	4	Quantitative Analysis & Lab
PHY-106 & 1L8	4	General Physics II & Lab	CHE-303 & 381	4	Biochemistry I & Lab
	3	Social Science	CHE-304 & 384	4	Biochemistry II & Lab
	3	Social Science		<b>48</b>	
	<b>41</b>				
<b>Foreign Language/Computer Science (6-8 Credits)</b>			<b>Major Electives (Choose three)</b>		
	3	Computer Science/Foreign Language	BIO-401	4	Microbiology & Lab
	3	Computer Science/Foreign Language	BIO-402 & 492	4	Immunology & Lab
	<b>6</b>		BIO-304	4	Developmental Biology & Lab
			BIO-412 & 472	4	Neuroscience & Lab
<b>Academic Enrichment (3-6 Credits)</b>			BIO-413 & 414	4	Research in Biology I & II
CHE-310	1	Research Seminar I	CHE-205 & 275	4	Inorganic Chemistry & Lab
CHE-202 & 272	4	Physical Chemistry I & Lab	CHE-301 & 381	4	Physical Chemistry II & Lab
	<b>5</b>		CHE-402 & 491	4	Instrumental Analysis & Lab
			CHE-495	4	Independent Student Research
<b>Program Requirements (15-24 Credits)</b>					
	12	Major Electives (listed to the right)			
MAT-122	4	Calculus II			
	<b>16</b>				
<b>Free Electives (6-12 Credits)</b>					
	6	Non-major Electives			
	<b>6</b>				
			<b>Total Credits</b>	<b>122</b>	