

**Undergraduate Major in Biochemistry Sample Curriculum**  
**Department of Biochemistry and Molecular Biology**

**Freshman Year (31 total credits)**

<u><b>FALL</b></u>		<u><b>SPRING</b></u>	
BC 192	2 cr	LIFE 201B	3 cr
LIFE 102	4 cr	LIFE 203	2 cr
CHEM 111,112	5 cr	CHEM 113, 114	4 cr
MATH 155 or 160	<u>4 cr</u>	CO 150	3 cr
	15 cr	MATH 255 or 161	<u>4 cr</u>
			16 cr

**Sophomore Year (30 total credits)**

<u><b>FALL</b></u>		<u><b>SPRING</b></u>	
CHEM 341	3 cr	CHEM 343	3 cr
LIFE 210	3 cr	CHEM 344	2 cr
LIFE 212	2 cr	PH 121 or 141	5 cr
AUCC Cat 3B-E	3 cr	BC 403	3 cr
free elective	<u>3 cr</u>	AUCC Cat 2	<u>3 cr</u>
	14 cr		16 cr

**Junior Year (32 - 33 total credits)**

<u><b>FALL</b></u>		<u><b>SPRING</b></u>	
STAT 301 or 307	3 cr	AUCC Cat 3B-E	3 cr
PH 122 or 142	5 cr	CHEM 335, 334	4 cr
BC 401	3 cr	BC 404	2 cr
AUCC Cat 3B-E	<u>6 cr</u>	Bioscience elec	3-4 cr
	17 cr	free elective	<u>3 cr</u>
			15-16 cr

**Senior Year (28 – 29 total credits)**

<u><b>FALL</b></u>		<u><b>SPRING</b></u>	
BC 411	4 cr	BC 465	3 cr
BC 463	3 cr	BC 499A/B	3 cr
BC 493	1 cr	Bioscience elec	3-4 cr
AUCC Cat 3B-E	3 cr	free electives	<u>5 cr</u>
free electives	<u>3 cr</u>		14-15 cr
	14 cr		

Total credits: 120-122

Upper division credits: 43-45

Free elective courses may include BC475/495, BC484, and BC487