

## Undergraduate Major in Biochemistry Sample Curriculum

### Pre-Pharmacy Concentration

#### First Year (31 total credits)

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

#### Sophomore Year (28 total credits)

<u>Fall</u>		<u>Spring</u>	
CHEM 341	3 cr	CHEM 343	3 cr
LIFE 210,212	5 cr	CHEM 344	2 cr
ECON 202 <sup>1</sup>	3 cr	PH 121 or 141	5 cr
SPCM 200	<u>3 cr</u>	BMS 300 or 360	<u>4 cr</u>
	14 cr		14 cr

#### Junior Year (32 total credits)

<u>Fall</u>		<u>Spring</u>	
BC 401	3 cr	BC 403	3 cr
PH 122 or 142	5 cr	BMS 301	5 cr
STAT 301 or 307 or 315	3 cr	MIP 300	3 cr
BMS 302	2 cr	MIP 302	2 cr
AUCC Cat 1E <sup>1</sup>	<u>3 cr</u>	AUCC Cat 2	<u>3 cr</u>
	16 cr		16 cr

#### Senior Year (29 total credits)

<u>Fall</u>		<u>Spring</u>	
BC 404	2 cr	BC 465 <sup>2</sup>	3 cr
BC 411	4 cr	<b>OR</b>	
BC 463 <sup>2</sup>	3 cr	AUCC Cat 3B,D <sup>1</sup>	3 cr
<b>OR</b>		BC 499A/D	3 cr
AUCC Cat 3B,D <sup>1</sup>	3 cr	AUCC Cat 3B,D <sup>1</sup>	6 cr
BC 493	1 cr	Elective	<u>3 cr</u>
Elective	<u>4 cr</u>		15 cr
	14 cr		

<sup>1</sup>Students should plan on taking ECON 202 as the AUCC Category 3C requirement.

<sup>2</sup>Students in the Pre-Pharmacy Concentration can choose to take either BC 463 or BC 465.

Students interested in applying to pharmacy school should meet with a Health Professions Advisor: [www.hp.colostate.edu](http://www.hp.colostate.edu)