

**The following are two sample alternatives for a four-year program leading to the  
Biology B.S. degree.**

**Sample 4-year program for Biology Major Concentration II (for students having  
interests other than graduate or professional school: secondary education, science  
journalism, double majors, business, etc.)**

*Delay taking elective science courses until sophomore year.*

<b>Freshman Year Fall</b>	<b>Credits</b>		<b>Freshman Year Spring</b>	<b>Credits</b>	
BIO 111	4	14	BIO 202	4	14
ENG 101	3		MAT 111	3	
Behav. or Soc. Sci. (1)	3		ENG 102	3	
Humanities (1)	3		Humanities (2)	3	
HPE (1)	1		HPE (2)	1	
<b>Sophomore Year Fall</b>			<b>Sophomore Year Spring</b>		
BIO 215 or BIO 305	4	15	BIO 204	4	17
CHM 108	4		Math/Science elective (1)	4	
COM 203	3		Behav. or Soc. Sci. (2)	3	
Humanities (3)	3		Free elective (1)	3	
HPE (3)	1		Free elective (2)	3	
<b>Junior Year Fall</b>			<b>Junior Year Spring</b>		
BIO 215 or BIO 305	4	17	BIO elective (1)	4	17
Math/Science elective (2)	4		Math/Science elective (3)	4	
Behav. or Soc. Sci. (3)	3		Humanities (5)	3	
Humanities (4)	3		Free elective (4)	3	
Free elective (3)	3		Free elective (5)	3	
<b>Senior Year Fall</b>			<b>Senior Year Spring</b>		
BIO elective (2)	4	16	BIO elective (4)	4	15
BIO elective (3)	4		BIO elective (5)	4	
Math/Science elective (4)	4		Math/Science elective (5)	4	
Free elective (6)	3		Free elective (7)	3	
BIO 490	1				
<b>Total credits</b>	<b>62</b>			<b>63</b>	<b>125</b>

**Sample 4-year program for Biology Major Concentration I  
(for students planning on graduate or professional school in biology or the health sciences)**

*Begin with both CHM 108 and BIO 111, add extra MAT and PHY*

<b>Freshman Year Fall</b>	<b>Credits</b>		<b>Freshman Year Spring</b>	<b>Credits</b>	
BIO 111	4	14	BIO 202	4	16
CHM 108	4		CHM 109	3	
ENG 101	3		ENG 102	3	
Behav. or Soc. Sci. (1)	3		MAT 111	3	
			Free elective (1)	3	
<b>Sophomore Year Fall</b>	<b>Credits</b>		<b>Sophomore Year Spring</b>	<b>Credits</b>	
BIO 215 or BIO 305	4	16	BIO 204	4	15
CHM 221	4		CHM 222	4	
MAT (1)	4		Free elective	3	
Humanities (1)	3		Behav. or Soc. Sci. (2)	3	
HPE (2)	1		HPE (1)	1	
<b>Junior Year Fall</b>	<b>Credits</b>		<b>Junior Year Spring</b>	<b>Credits</b>	
BIO 215 or BIO 305	4	16	BIO elective (1)	4	15
Biochemistry (for CHM minor)	4		BIO elective (2)	4	
PHY 111 or PHY 211	4		PHY 112 or PHY 212	4	
COM 203	3		Humanities (2)	3	
HPE (3)	1				
<b>Senior Year Fall</b>	<b>Credits</b>		<b>Senior Year Spring</b>	<b>Credits</b>	
BIO elective (3)	4	17	BIO elective (4)	4	17
BIO 490	1		BIO elective (5)	4	
Behav. or Soc. Sci. (3)	3		Humanities (5)	3	
Humanities (3)	3		Free elective (3)	3	
Humanities (4)	3		Free elective (4)	3	
Free elective (2)	3				
<b>Total credits</b>	<b>60</b>			<b>64</b>	<b>126</b>