

## SAMPLE SCHEDULE

### Bachelor of Science in Molecular Biology and Biotechnology

First Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
EN 101	Introductory College Writing (KSEN) <sup>a</sup>	3	BI 234	Introduction to Biotechnology <sup>a</sup>	3
MA 116	College Algebra (KSMA) <sup>a</sup>	3	CN XXX	Communications (KSCN) <sup>a</sup>	3
WU 101	The Washburn Experience	3	BI 194	General Organismal Biology <sup>a</sup>	5
BI 192	General Cellular Biology <sup>a, d</sup>	5	XXX	Arts & Humanities (KSHU)	3
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>14</b>

Second Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
EN 200	Intermediate College Writing (KSEN) <sup>a</sup>	3	CH 152	Fundamentals of Chemistry II (KSSR) <sup>a, d</sup>	5
XXX	Inclusion & Belonging (KSIB)	3	PH 214	Medical Ethics (KSHU) <sup>a, c</sup>	3
CH 151	Fundamentals of Chemistry I (KSNS) <sup>a, d</sup>	5	BI 301	General Microbiology <sup>a</sup>	4
MA 1XX	Trigonometry, Pre-calculus, or Calculus I <sup>a</sup>	3-5	BI 314	Statistics for Biologists <sup>a, c</sup>	3
<b>Total Hours</b>		<b>14-16</b>	<b>Total Hours</b>		<b>15</b>

Third Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
BI 333	General Genetics <sup>a</sup>	4	CH 341	Organic Chemistry II <sup>a, c</sup>	3
CH 340	Organic Chemistry I <sup>a, b</sup>	3	PS 262	College Physics I <sup>a, b</sup>	5
CH 342	Organic Chemistry I Lab <sup>a, b</sup>	2	BI 354	Molecular Biology Lab <sup>a, c</sup>	3
PS 261	College Physics I <sup>a, b, d</sup>	5	EN 3XX	Upper-Division College Writing	3
XXX	Elective	3	XXX	Elective	2
<b>Total Hours</b>		<b>17</b>	<b>Total Hours</b>		<b>16</b>

Fourth Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
XXX	Social & Behavioral Sciences (KSSS)	3	XXX	Social & Behavioral Sciences (KSSS)	3
BI 353	Molecular Genetics <sup>a, b</sup>	3	3XX/4XX	Upper-Division Supp. Elective (BI/CH) <sup>a</sup>	3
CH 350	Biochemistry I <sup>a, b</sup>	3	3XX/4XX	Upper-Division Supp. Elective (BI/CH) <sup>a</sup>	3
CH 351	Biochemistry I Lab <sup>a, b</sup>	2	BI 395	Biology Research <sup>a</sup>	3
BI 390	Biology Seminar <sup>a</sup>	1	XXX	Elective	3
BI 440	Biotechnology Internship <sup>a</sup>	3			
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>

<sup>a</sup> Grade of "C" or higher is required

<sup>b</sup> Offered in Fall semester only

<sup>c</sup> Offered in Spring semester only

<sup>d</sup> Course can also fulfill a general education requirement; discuss with advisor

Systemwide General Education (SGE) Key	
010 English (KSEN)	050 Social & Behavioral Sciences (KSSS)
020 Communications (KSCN)	060 Arts & Humanities (KSHU)
030 Math & Statistics (KSMA)	070 Institutionally Designated (KSSR, KSIB)
040 Natural & Physical Sciences (KSNS)	