

## Bachelor of Science in Biological Sciences - Concentration in Micro (Starting with ENGL 102 and MATH 115)

### TOTAL UNITS TO DEGREE:

Course	Course Title	Units	
<b>FALL (Yr 1, Semester 1)</b>			
*B4/Prereq	MATH 115	Algebra	3
	MATH 15	College Algebra Workshop	1
A1	COMM 100	Communication	3
C1		Student choice	3
D1		Student choice	3
E	GS 101A	Foundations of Success I	1
		<b>TOTAL:</b>	<b>14</b>

Course	Course Title	Units	
<b>SPRING (Yr 1, Semester 2)</b>			
B2/LD Major	BIOL 140A	Principles of Cell & Mol. Biology	5
*Prereq	MATH 120	Precalculus	3
A2	ENGL 102	Accelerated College Writing (Eng Comp)	3
C2		Student choice	3
E	GS 101B	Foundations of Success II	1
		<b>TOTAL:</b>	<b>15</b>

Course	Course Title	Units	
<b>FALL (Yr 2, Semester 3)</b>			
B1	CHEM 111	General Chemistry I	5
LD Major	BIOL 140B	Principles of Organismal Biology	5
Req Major	MATH 130	Calculus	4
A3	PHIL 100	Workshop in Clear Thinking	3
		<b>TOTAL:</b>	<b>17</b>

Course	Course Title	Units	
<b>SPRING (Yr 2, Semester 4)</b>			
B3	CHEM 112	General Chemistry II	5
UD Major	BIOL 310	Genetic Analysis I	4
2nd Comp	ENGL 201	College Writing II	3
C3		Student choice	3
D2/CODE 1		Student choice	3
		<b>TOTAL:</b>	<b>18</b>

Course	Course Title	Units	
<b>FALL (Yr 3, Semester 5)</b>			
UD Major	CHEM 331	Organic Chemistry I	5
LD Major	PHYS 125	Principles of Physics I	4
UD Major	BIOL 330	Microbiology	5
D3/CODE 2		Student choice	3
		<b>TOTAL:</b>	<b>17</b>

Course	Course Title	Units	
<b>SPRING (Yr 3, Semester 6)</b>			
UD Major	CHEM 332	Organic Chemistry II	5
LD Major	PHYS 126	Principles of Physics II	4
**Maj Elec 1		Student choice	3-4
B6		Student Choice	3
		<b>TOTAL:</b>	<b>15-16</b>

Course	Course Title	Units	
<b>FALL (Yr 4, Semester 7)</b>			
UD Major	CHEM 340	Survey of Biochemistry	3
UD Major	BIOL 320	Evolutionary Biology	3
**Maj Elec 2		Student choice	3-4
**Maj Elec 3		Student choice	3-4
C4		Student Choice	3
		<b>TOTAL:</b>	<b>15-17</b>

Course	Course Title	Units	
<b>SPRING (Yr 4, Semester 8)</b>			
Major/Cap	BIOL 430	Microbial Physiology and Biochem	3
**Maj Elec 4		Student choice	3-4
**Maj Elec 5		Student choice	3
D4		Student choice	3
		<b>TOTAL:</b>	<b>12-13</b>

\*Is a prerequisite for a required major course; does not count toward major unit count.

\*\*A minimum of 15 upper division elective units required

Note: Placement of GE courses are suggestions and may be moved following consultation with an advisor