

## B.S. in Biological Sciences - Concentration in Physiology (Starting with ENGL 100 & MATH 125)

Total Units to Degree: 120 units

### FALL (Yr 1, Semester 1)

Requirement	Course	Course Title	Units
E	BIOL 130	Connecting to Biology	2
LD Major	PHYS 125	Principles of Physics I	4
*Prereq	MATH 125	Precalculus with Algebra	5
A2	ENGL 100	College Writing Stretch I (Eng; Comp)	3
E		Student choice	1
<b>TOTAL:</b>			<b>15</b>

### SPRING (Yr 1, Semester 2)

Requirement	Course	Course Title	Units
B2/LD Major	BIOL 140A	Principles of Cell & Mol. Biology	5
LD Major	PHYS 126	Principles of Physics II	4
B4/LD Major	MATH 130	Calculus	4
A2	ENGL 101	College Writing Stretch II (Engl Comp)	3
<b>TOTAL:</b>			<b>16</b>

### FALL (Yr 2, Semester 3)

Requirement	Course	Course Title	Units
B1	CHEM 111	General Chemistry I	3
B1/LD Major	CHEM 111L	General Chemistry I Lab	2
LD Major	BIOL 140B	Principles of Organismal Biology	5
UD Major	STAT 303	Statistics for Biology	3
2nd Comp		Student Choice	3
<b>TOTAL:</b>			<b>16</b>

### SPRING (Yr 2, Semester 4)

Requirement	Course	Course Title	Units
LD Major	CHEM 112	General Chemistry II	3
LD Major	CHEM 112L	General Chemistry II Lab	2
UD Major	BIOL 310	Genetic Analysis I	4
A1	COMM 100	Oral Communication	3
A3	PHIL 100	Workshop in Critical Thinking	3
<b>TOTAL:</b>			<b>15</b>

### FALL (Yr 3, Semester 5)

Requirement	Course	Course Title	Units
UD Major	CHEM 230	Survey of Organic Chemistry	5
UD Major	BIOL 370	Animal Physiology	4
UD Major	BIOL 320	Evolutionary Biology	3
D1/CODE 1		Student choice	3
^C1		Student choice	3
<b>TOTAL:</b>			<b>18</b>

### SPRING (Yr 3, Semester 6)

Requirement	Course	Course Title	Units
UD Major	BIOL 340	Survey of Biochemistry	3
UD Major	BIOL 350	Ecology	4
**Maj Elec 1		Student choice	3-4
D2/CODE 2		Student choice	3
^C2		Student choice	3
<b>TOTAL:</b>			<b>16-17</b>

### FALL (Yr 4, Semester 7)

Requirement	Course	Course Title	Units
Major/Cap	BIOL 488	Environmental Physiology	4
**Maj Elec 2		Student choice	3-4
^F		Student choice	3
^UD-B		Student Choice	3
UWR***		Student choice	3
<b>TOTAL:</b>			<b>16-17</b>

### SPRING (Yr 4, Semester 8)

Requirement	Course	Course Title	Units
**Maj Elec 3		Student choice	4
**Maj Elec 4		Student choice	4-2
^C3		Student choice	3
^UD-C		Student Choice	3
^UD-D		Student choice	3
<b>TOTAL:</b>			<b>15-17</b>

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

\*\*A minimum of 14 upper division elective units required; Pre-approved major electives can be found [here](#).

^ Courses that you can double count with one of the three required overlays (Diversity, Social Justice, Sustainability)

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