

Degree: Biological Sciences, B.S.: Physiology Concentration				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
A1	COMM 100	Communication		3
B4/LD Major	MATH 130	Calculus I	One from the following: Satisfactory score of 78 or higher on Mathematics Placement Exam, MATH 120 or MATH 125 (either course with grade C- or better).	4
C1				3
D1/CODE 1				3
			Total:	14
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
A3	PHIL 100	Workshop in Critical Thinking		3
B2/LD Major	BIOL 140A	Principles of Cell and Molecular Biology		5
UD Major	STAT 303	Statistics for Biology	Completion of GE area B4.	3
			Total:	15
Third Semester				
C2				3
D2				3
LD Major	BIOL 140B	Principles of Organismal Biology	BIOL 140A with grade C- or better.	5
B1/LD Major	CHEM 111	General Chemistry I		5
			Total:	16
Fourth Semester				
Comp)	ENGL 200 or PHYS 230	Accelerated College Writing		3
B3/LD Major	CHEM 112	General Chemistry II	CHEM 111 with grade C- or better.	5
UD Major	BIOL 310	Genetic Analysis I	BIOL 140A.	4
UD Major/Elective 1				3
			Total:	15
Fifth Semester				
D3				3
LD Major	PHYS 125	Principles of Physics I	Satisfactory score of 78 or higher on Math Proficiency Assessment or MATH 120.	4
UD Major	CHEM 230	Survey of Organic Chemistry	CHEM 112 with grade C- or better.	5
UD Major	BIOL 320	Evolutionary Biology	BIOL 310.	3
			Total:	15
Sixth Semester				
E				1
Add'l C1 or C2*				3
B6/Overlay				3
LD Major	PHYS 126	Elementary Physics II	PHYS 125.	4
UD Major	BIOL 370	Animal Physiology	BIOL 140B with grade C- or better and CHEM 112.	4
			Total:	15
Seventh Semester				
UD Major	CHEM 340	Survey of Biochemistry		3
UD Major/Capstone	BIOL 488	Environmental Physiology	BIOL 370.	3
Code 2				3
UD Major/Elective 2				3
UD Major/Elective 3				3
			Total:	15
Eighth Semester				
C4/Overlay				3
D4/Overlay				3
UD Major/Elective 4				3
UD Major/Elective 5				3
UD Major/Elective 6				3
			Total:	15
Total Units:				120

General Education & University Requirements - Suggested Courses
Area A (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)
<input type="checkbox"/> A1. COMM 100 or 104, MLL 111
<input type="checkbox"/> A2. ENGL 101, 102, or 104
<input type="checkbox"/> A3. PHIL 100
Area B (9 units) : Scientific Inquiry & Quantitative Reasoning
<input type="checkbox"/> B1. Physical Science
<input type="checkbox"/> B2. Life Science
<input type="checkbox"/> B3. Laboratory Activity
<input type="checkbox"/> B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)
Area C (9 units): Arts & Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)
<input type="checkbox"/> C1. Arts
<input type="checkbox"/> C2. Humanities
<input type="checkbox"/> *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)
Area D (9 units) : Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)
<input type="checkbox"/> D1.
<input type="checkbox"/> D2.
<input type="checkbox"/> D3.
Area E (3 units) : Lifelong Learning and Self-Development
<input type="checkbox"/> E.
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.
<input type="checkbox"/> Writing II.
University Writing Skills Requirement
<input type="checkbox"/> UWSR. Writing Skills Test (WST) or First and/or Second Tier Courses
U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government).
<input type="checkbox"/> Code 1.
<input type="checkbox"/> Code 2.
Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)
<input type="checkbox"/> B6. Upper-division Science Inquiry and Quantitative Reasoning
<input type="checkbox"/> C4. Upper-division Arts OR Humanities
<input type="checkbox"/> D4. Upper-division Social Sciences
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major
<input type="checkbox"/> Diversity (Div)
<input type="checkbox"/> Social Justice (SJ)
<input type="checkbox"/> Sustainability (S)