

Degree: Biological Sciences, B.S.: Forensic Science Concentration				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
E	GS 101A	Foundations of Success I		1
A1	COMM 100	Communication		3
B2/LD Major	BIOL 140A	Principles of Cell and Molecular Biology		5
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
			Total:	16
Second Semester				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
LD Major	CRJ 220	Basic Criminal Investigation		3
D1/CODE 1				3
LD Major	BIOL 140B	Principles of Organismal Biology	BIOL 140A with grade C- or better.	5
			Total:	15
Third Semester				
A3	PHIL 100	Workshop in Critical Thinking		3
B1/LD Major	CHEM 111	General Chemistry I		5
UD Major	BIOL 310	Genetic Analysis I	BIOL 140A.	4
UD Major	CRJ 350	Criminal Identification		3
			Total:	15
Fourth Semester				
Comp)	ENGL 200 or PHYS 230			3
B3/LD Major	CHEM 112	General Chemistry II	CHEM 111 with grade C- or better.	5
UD Major	BIOL 320	Principles of Evolutionary Biology	BIOL 310.	3
UD Major	CRJ 380	Survey of Forensic Science		3
			Total:	14
Fifth Semester				
C2				3
LD Major	PHYS 125	Principles of Physics I	Math Proficiency Assessment or MATH	4
UD Major	CHEM 331	Organic Chemistry I	CHEM 112 with grade C- or better.	5
UD Major	CRJ 340	Advanced Criminal Investigation	CRJ 220.	3
			Total:	15
Sixth Semester				
D2/Code 2				3
Add'l C1 or C2*				3
LD Major	PHYS 126	Principles of Physics II	PHYS 125.	4
UD Major	CHEM 332	Organic Chemistry II	CHEM 331 with grade C- or better.	5
			Total:	15
Seventh Semester				
E				1
D3				3
UD Major	CHEM 220	Quantitative Analysis	CHEM 112 with grade C- or better.	4
UD Major	BIOL 415	PCR, Sequencing Fragment Analysis	BIOL 310.	3
UD Major/Elective				4
			Total:	15
Eighth Semester				
B6/Overlay				3
C4/Overlay				3
D4/Overlay				3
UD Major	CHEM 320	Bioanalytical and Forensic Instrumentation	CHEM 230 or CHEM 332, both with grade C- or better.	3
UD Major/Capstone	BIOL 426	Advanced Cell and Molecular Biology	BIOL 310.	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)
<a href="#">A1. COMM 100 or 104, MLL 111</a>
<a href="#">A2. ENGL 101, 102, or 104</a>
<a href="#">A3. PHIL 100</a>
Area B (9 units) : Scientific Inquiry & Quantitative Reasoning
<a href="#">B1. Physical Science</a>
<a href="#">B2. Life Science</a>
<a href="#">B3. Laboratory Activity</a>
<a href="#">B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)</a>
Area C (9 units): Arts & Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)
<a href="#">C1. Arts</a>
<a href="#">C2. Humanities</a>
*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)
<a href="#">D1.</a>
<a href="#">D2.</a>
<a href="#">D3.</a>
Area E (3 units) : Lifelong Learning and Self-Development
<a href="#">E.</a>
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.
<a href="#">Writing II.</a>
University Writing Skills Requirement
<a href="#">UWSR. Writing Skills Test (WST) or First and/or Second Tier Courses</a>
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).
<a href="#">Code 1.</a>
<a href="#">Code 2.</a>
Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)
<a href="#">B6. Upper-division Science Inquiry and Quantitative Reasoning</a>
<a href="#">C4.Upper-division Arts OR Humanities</a>
<a href="#">D4. Upper-division Social Sciences</a>
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major
<a href="#">Diversity (Div)</a>
<a href="#">Social Justice (S.J)</a>
<a href="#">Sustainability (S)</a>