Bachelor of Science in Natural Science - Interdisciplinary Science (Biology Emphasis)

Year	Fall	Units	Spring	Units	Total Units
1	A1 Oral Communication	3	A2 Written Communication	3	30
	IHE (cl)	3	A3 Critical Thinking and Composition	3	
	MATH 2110 – Calculus I	4	MATH 2120 – Calculus II	4	
	BIOL 1100 – Principles of Biology I	5	BIOL 1200 – Principles of Biology II	5	
	Total	15	Total	15	
2	C1 Arts	3	C2 Humanities	3	28
	D Social Sciences	3	D Social Sciences	3	
	CHEM 1100 - General Chemistry I (or other required Set physical science core course)	5	CHEM 1110 - General Chemistry II (or other required Set physical science core course)	5	
	ASTR 1510 & 1520 - Principles of Astronomy with Laboratory (or other required Set physical science)	3	BIOL 3000 - Biostatistics	3	
	Total	14	Total	14	
3	C AI U.S. History (American Institutions)	3	D AI U.S. Constitution and State/Local Govt (American Institutions)	3	29
	GEOL 1500 - Earth Revealed (or other required Set physical science)	3	UD GE B Natural Science and Quantitative Reasoning	3	
	BIOL 3200 - Professional Writing in the Biological Sciences	3	BIOL 3800 - Ecology and Evolution	3	
	BIOL 3400 - Cell Biology and Genetics	3	MICR 3100 - General Microbiology	4	
	CHEM 2200 - Organic Chemistry I	4			
	Total	16	Total	13	
4	UD C Arts and Humanities	3	UD D Social Sciences	3	31
	GEOL 2520 - Historical Geology (or other required Set physical science)	4	NATS 4950 - Natural Science Field Studies	3	
	Upper Division Elective (BIOL or NATS course)	3	Upper Division Elective (BIOL or NATS course)	3	
	Upper Division Elective (BIOL or NATS course)	3	Upper Division Elective (BIOL or NATS course)	3	
	Free Elective	3	Free Elective	3	
	Total	16	Total	15	

Total degree units are 118 as shown but may reach 120 units depending on electives and physical science courses chosen

Bachelor of Science in Natural Science - Interdisciplinary Science (Chemistry Emphasis)

Year	Fall	Units	Spring	Units	Total Units
1	A1 Oral Communication	3	A2 Written Communication	3	30
	IHE (cl)	3	A3 Critical Thinking and Composition	3	
	MATH 2110 – Calculus I	4	MATH 2120 – Calculus II	4	
	CHEM 1100 - General Chemistry I	5	CHEM 1110 - General Chemistry II	5	
	Total	15	Total	15	
2	C1 Arts	3	C2 Humanities	3	30
	D Social Sciences	3	D Social Sciences	3	
	BIOL 1100 – Principles of Biology I	5	BIOL 1200 – Principles of Biology II	5	
	CHEM 2200 - Organic Chemistry I	4	CHEM 3200 - Organic Chemistry II	4	
	Total	15	Total	15	
3	C AI U.S. History (American Institutions)	3	D AI U.S. Constitution and State/Local Govt (American Institutions)	3	29
	GEOL 1500 - Earth Revealed (or other required Set physical science)	3	UD GE B Natural Science and Quantitative Reasoning	3	
	CHEM 3100 – Writing for Chemists	3	CHEM 3600 - Introduction to Inorganic Chemistry	4	
	CHEM 3500 - Quantitative Analysis	4	CHEM 4300 - Introduction to Biochemistry	3	
	ASTR 1510 & 1520 - Principles of Astronomy with Laboratory (or other required Set physical science)	3			
	Total	16	Total	13	
4	UD C Arts and Humanities	3	UD D Social Sciences	3	31
	GEOL 2520 - Historical Geology (or other required Set physical science)	4	NATS 4950 - Natural Science Field Studies	3	
	Upper Division Elective (CHEM or NATS course)	3	Upper Division Elective (CHEM or NATS course)	3	
	Upper Division Elective (CHEM or NATS course)	3	Upper Division Elective (CHEM or NATS course)	3	
	Free Elective	3	Free Elective	3	
	Total	16	Total	15	

Total degree units are 120 as shown but may be less depending on electives and physical science courses chosen

Bachelor of Science in Natural Science - Interdisciplinary Science (Geoscience Emphasis)

Year	Fall	Units	Spring	Units	Total Units
1	A1 Oral Communication	3	A2 Written Communication	3	30
	IHE (cl)	3	A3 Critical Thinking and Composition	3	
	MATH 2110 – Calculus I	4	MATH 2120 – Calculus II	4	
	GEOL 1500 - Earth Revealed	3	GEOL 2520 - Historical Geology	4	
	ASTR 1510 & 1520 - Principles of Astronomy with Laboratory (or other required Set physical science)	3			
	Total	16	Total	14	
2	C1 Arts	3	C2 Humanities	3	29
	D Social Sciences	3	D Social Sciences	3	
	BIOL 1100 – Principles of Biology I	5	BIOL 1200 – Principles of Biology II	5	
	GEOG 2680 - Introduction to Geospatial Sciences	4	GEOL 3010 - Mineralogy and Petrology	3	
	Total	15	Total	14	
3	C AI U.S. History (American Institutions)	3	D AI U.S. Constitution and State/Local Govt (American Institutions)	3	28
	GEOL 3210 - Geology of Southern California	3	UD GE B Natural Science and Quantitative Reasoning	3	
	BIOL 3200 - Professional Writing in the Biological Sciences	3	Upper Division Elective (GEOL, GEOG, or NATS course)	3	
	CHEM 1100 - General Chemistry I (or other required Set physical science core course)	5	CHEM 1110 - General Chemistry II (or other required Set physical science core course)	5	
	Total	14	Total	14	
4	UD C Arts and Humanities	3	UD D Social Sciences	3	30
	GEOG 4100 - Applied Climatology	3	NATS 4950 - Natural Science Field Studies	3	
	Upper Division Elective (GEOL, GEOG, or NATS course)	3	GEOL 4350 - Coastal Processes and Environments	3	
	Upper Division Elective (GEOL, GEOG, or NATS course)	3	Upper Division Elective (GEOL, GEOG, or NATS course)	3	
	Free Elective	3	Free Elective	3	
	Total	15	Total	15	

Total degree units are 117 as shown but may reach 120 units depending on electives and physical science courses chosen

Bachelor of Science in Natural Science - Interdisciplinary Science (Physics Emphasis)

Year	Fall	Units	Spring	Units	Total Units
1	A1 Oral Communication	3	A2 Written Communication	3	30
	IHE (cl)	3	A3 Critical Thinking and Composition	3	
	MATH 2110 – Calculus I	4	MATH 2120 – Calculus II	4	
	PHYS 2100 - Physics A	5	PHYS 2200 - Physics B	5	
	Total	15	Total	15	
2	C1 Arts	3	C2 Humanities	3	29
	D Social Sciences	3	D Social Sciences	3	
	BIOL 1100 – Principles of Biology I	5	BIOL 1200 – Principles of Biology II	5	
	MATH 2130 - Calculus III	3	PHYS 2300 - Modern Physics	4	
	Total	14	Total	15	
3	C AI U.S. History (American Institutions)	3	D AI U.S. Constitution and State/Local Govt (American Institutions)	3	28
	CHEM 3100 - Writing for Chemists	3	UD GE B Natural Science and Quantitative Reasoning	3	
	CHEM 1100 - General Chemistry I (or other required Set physical science core course)	5	CHEM 1110 - General Chemistry II (or other required Set physical science core course)	5	
	Upper Division Elective (PHYS, MATH, or NATS course)	3	Upper Division Elective (PHYS, MATH, or NATS course)	3	
	Total	14	Total	14	
4	UD C Arts and Humanities	3	UD D Social Sciences	3	30
	ASTR 1510 & 1520 - Principles of Astronomy with Laboratory	3	NATS 4950 - Natural Science Field Studies	3	
	Upper Division Elective (PHYS, MATH, or NATS course)	3	Upper Division Elective (PHYS, MATH, or NATS course)	3	
	Upper Division Elective (PHYS, MATH, or NATS course)	3	Upper Division Elective (PHYS, MATH, or NATS course)	3	
	Upper Division Elective (PHYS, MATH, or NATS course)	3	Upper Division Elective (PHYS, MATH, or NATS course)	3	
	Total	15	Total	15	

Total degree units are 117 as shown but may reach 120 units depending on electives and physical science courses chosen