University of La Verne and Taft College
Major Articulation - Biology, B.A./B.S.
2014-2015

The Biology Department offers a major with concentrations to prepare students for the health professions, cellular and molecular biology, general biology, environmental biology, and teaching. B.A. and B.S. majors are developed with the advice of the student's advisor. A senior comprehensive exam is required for all majors.

No course will be considered for transfer credit unless a grade of C- or better was received. Students admitted Fall 2013 and forward may transfer a maximum of 88 semester hours. If a stduent wishes to fulfill major requirements through transfer courses after having alreaady met or reached the 88 unit limit, he or she may transfer the credit for subject area fulfillment, but will not be awarded additional semester hour credit. The particular major requirement will be fulfilled by a 0-unit course marker. There is no limit to the number of transfer credits that will be accepted by the University for students admitted prior to Fall 2013.

Prerequisite: Junior Candidacy Examination

All Biology majors are required to complete the Core Requirements listed below. In addition, students must select a concentration and complete the requirements of the concentration including supportive requirements in addition to the Core Requirements.

University of La Verne				Taft College			
Core Requirements			units	**Core Requirements**			units
BIOL	311	Genetics	4			to be completed at La Verne	
BIOL	312	Environmental Biology	4			to be completed at La Verne	
BIOL	378	Evolution and Biosystematics	2			to be completed at La Verne	
BIOL	379	Research Methods	2			to be completed at La Verne	
BIOL	380	Biostatistics	2			to be completed at La Verne	
BIOL	499A, 499B	Senior Project/Seminar	2 to 4			to be completed at La Verne	
Pre-Med/Health Science Concentration (B.S.)			units	**Pre-Med/Health Science Concentration (B.S.)**			units
BIOL	302	Microbiology	4	BIOL	2260	General Microbiology	5
BIOL	310	Cell Biology	4			to be completed at La Verne	
BIOL	313	Developmental Biology	4			to be completed at La Verne	
BIOL	314	Biochemistry	4 to 5			to be completed at La Verne	
		OR				OR	
BIOL	316	Molecular Biology	4 to 5			to be completed at La Verne	
BIOL	344	Human Physiology	4	BIOL	2257	Human Physiology with Lab	5
Supportive Requirements:			units	**Supportive Requirements:**			units
BIOL	204	Plant Biology	4	BIOL	2202	General Botany	4
BIOL	205	Animal Biology	4	BIOL	2203	General Zoology	5
CHEM	201	General Chemistry I	5	CHEM	2211	General Chemistry	5
CHEM	202	General Chemistry II	5	CHEM	2212	General Chemistry and Qualitative Analysis	5
CHEM	311	Organic Chemistry I	5			to be completed at La Verne	
CHEM	312	Organic Chemistry II	5			to be completed at La Verne	
MATH	201	Calculus I	4	MATH	2100	Analytic Geometry and Calculus	5
PHYS	201	General Physics I	5			not articulated	
PHYS	202	General Physics II	5			not articulated	

Cellular and Molecular Biology Concentration (B.S.)			units	**Cellular and Molecular Biology Concentration (B.S.)**			units
BIOL	302	Microbiology	4	BIOL	2260	General Microbiology	5
BIOL	310	Cell Biology	4			to be completed at La Verne	
BIOL	313	Developmental Biology	4			to be completed at La Verne	
BIOL	314	Biochemistry	5			to be completed at La Verne	
BIOL	316	Molecular Biology	4			to be completed at La Verne	

University of La Verne				Taft College			
Supportive Requirements:			units	**Supportive Requirements:**			units
BIOL	204	Plant Biology	4	BIOL	2202	General Botany	4
BIOL	205	Animal Biology	4	BIOL	2203	General Zoology	5
CHEM	201	General Chemistry I	5	CHEM	2211	General Chemistry	5
CHEM	202	General Chemistry II	5	CHEM	2212	General Chemistry and Qualitative Analysis	5
CHEM	311	Organic Chemistry I	5			to be completed at La Verne	
CHEM	312	Organic Chemistry II	5			to be completed at La Verne	
MATH	201	Calculus I	4	MATH	2100	Analytic Geometry and Calculus	5
PHYS	201	General Physics I	5			not articulated	
PHYS	202	General Physics II	5			not articulated	

General Biology Concentration (B.A.)			units	**General Biology Concentration (B.A.)**			units
BIOL	310	Cell Biology				to be completed at La Verne	
BIOL	314	Biochemistry				to be completed at La Verne	
		OR				OR	
BIOL	316	Molecular Biology				to be completed at La Verne	
		4 upper division BIOL courses				to be completed at La Verne	
		BIOL field course				to be completed at La Verne	
Supportive Requirements:			units	**Supportive Requirements:**			units
BIOL	204	Plant Biology	4	BIOL	2202	General Botany	4
BIOL	205	Animal Biology	4	BIOL	2203	General Zoology	5
CHEM	201	General Chemistry I	5	CHEM	2211	General Chemistry	5
CHEM	202	General Chemistry II	5	CHEM	2212	General Chemistry and Qualitative Analysis	5
CHEM	311	Organic Chemistry I	5			to be completed at La Verne	
CHEM	312	Organic Chemistry II	5			to be completed at La Verne	
MATH	201	Calculus I	4	MATH	2100	Analytic Geometry and Calculus	5
PHYS	201	General Physics I	5			not articulated	
PHYS	202	General Physics II	5			not articulated	

Environmental Biology Concentration (B.A.)			units	**Environmental Biology Concentration (B.A.)**			units
BIOL	302	Microbiology	4	BIOL	2260	General Microbiology	5
BIOL	322	Marine and Freshwater Biology	4			to be completed at La Verne	
BIOL	305	Vertebrate Zoology	4			to be completed at La Verne	
		OR				OR	
BIOL	336	Invertebrate Zoology	4			to be completed at La Verne	
		OR				OR	
BIOL	361	Plant Physiology	4			to be completed at La Verne	
BIOL	325	Field Biology	4			to be completed at La Verne	
		OR				OR	
BIOL	327	Mountain and Desert Biology	4			to be completed at La Verne	
		OR				OR	
BIOL	390	Tropical Biology	2 to 4			to be completed at La Verne	
		Additional approved courses	4			to be completed at La Verne	
Supportive Requirements:			units	**Supportive Requirements:**			units
BIOL	204	Plant Biology	4	BIOL	2202	General Botany	4
BIOL	205	Animal Biology	4	BIOL	2203	General Zoology	5
CHEM	201	General Chemistry I	5	CHEM	2211	General Chemistry	5
CHEM	202	General Chemistry II	5	CHEM	2212	General Chemistry and Qualitative Analysis	5
CHEM	311	Organic Chemistry I	5			to be completed at La Verne	
MATH	105	Precalculus	4	MATH	1540	Precalculus Mathematics	4

University of La Verne				Taft College			
NASC	201	General Geology	4			not articulated	
PHYS	105	Introduction to Physics	4	PHYS	1510	Descriptive Physics	3
Teaching Concentration (B.A.)			units	**Teaching Concentration (B.A.)**			units
BIOL	302	Microbiology	4	BIOL	2260	General Microbiology	5
BIOL	310	Cell Biology	4			to be completed at La Verne	
		OR				OR	
BIOL	314	Biochemistry	4			to be completed at La Verne	
		OR				OR	
BIOL	316	Molecular Biology	4			to be completed at La Verne	
BIOL	322	Marine and Freshwater Biology	4 to 5			to be completed at La Verne	
BIOL	333	Animal Physiology	4			to be completed at La Verne	
		OR				OR	
BIOL	344	Human Physiology	4	BIOL	2257	Human Physiology with Lab	5
BIOL	325	Field Biology	2 to 4			to be completed at La Verne	
		OR				OR	
BIOL	327	Mountain and Desert Biology	2 to 4			to be completed at La Verne	
		OR				OR	
BIOL	390	Tropical Biology	2 to 4			to be completed at La Verne	
Supportive Requirements:			units	**Supportive Requirements:**			units
BIOL	204	Plant Biology	4	BIOL	2202	General Botany	4
BIOL	205	Animal Biology	4	BIOL	2203	General Zoology	5
CHEM	201	General Chemistry I	5	CHEM	2211	General Chemistry	5
CHEM	202	General Chemistry II	5	CHEM	2212	General Chemistry and Qualitative Analysis	5
INTD	308	Ethics, Religion, & Environment	5			to be completed at La Verne	
		OR				OR	
INTD	309	Sunshine & Water: An Environmental History of California	5			to be completed at La Verne	
MATH	105	Precalculus	4	MATH	1540	Precalculus Mathematics	4
NASC	201	General Geology	4			not articulated	
NASC	350	Field Experience	2			to be completed at La Verne	
PHYS	201	General Physics I	5			not articulated	
PHYS	202	General Physics II	5			not articulated	
PHYS	230	Astronomy	4	ASTR	1511	Introduction to Astronomy with Lab	4

The University of La Verne honors CSU-GE and IGETC certifcations for partial or full completion towards the fulfillment of La Verne's General Education requirements. Alternatively, students can follow the University's General Education pattern in effect at the time of application. For more information about general education requirements or transferring credits to the University, please visit: sites.laverne.edu/articulation/ or call the Transfer and Evalution Center at (909) 448-4000.

The Office of the Registrar reserves the right to alter and revise the contents of this transfer agreement plan at any time.