

# CERRITOS COLLEGE

## ZOOLOGY

### TRANSFER PREPARATION

**IMPORTANT NOTICE:** The requirements listed for the major are subject to change without notice. It is the student's responsibility to check for the most recent information with a Cerritos College counselor or by consulting ASSIST at [www.assist.org](http://www.assist.org). **NOTE:** Courses listed may require prerequisite coursework.

*For students considering entering the field of **Veterinary Medicine**, Zoology and related Majors (i.e., Animal Sciences, Agricultural Science, etc.) may assist students in completing essential coursework required for successful application to most Doctor of Veterinary Medicine programs. Additionally, pre-veterinary programs such as Zoology or Animal Sciences, provides students with the unique opportunity to engage in veterinary clinic hours, another essential component for successful application to most Doctor of Veterinary Medicine programs. Please note, the **Zoology Associate in Arts Degree does not offer the opportunity for students to engage in veterinary clinic hours.** For more information regarding programs offering a Doctorate in Veterinary Medicine, please use the following resource: <https://www.aavmc.org/>*

#### COMMON LOWER DIVISION PREPARATION PREPARATON FOR CALIFORNIA STATE UNIVERSITY AND UNIVERSITY OF CALIFORNIA

			UNITS
BIOL	200	Principles of Biology	5
BIOL	201	Principles of Biology	5
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
PHYS	101	General Physics	4
PHYS	102	General Physics	4

#### LOWER DIVISION MAJOR PREPARATION FOR SPECIFIC TRANSFER INSTITUTIONS

##### California State Polytechnic University – Pomona (BIOLOGY, B.S. – ZOOLOGY)

			UNITS
BIOL	200	Principles of Biology	5
BIOL	201	Principles of Biology	5
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
ENGL	100	Freshman Composition	4
ENGL	102	Freshman Composition and Literature	3
<b>or</b> ENGL	103	Critical and Argumentative Writing	(3)
<b>or</b> PHIL	106	Introduction to Logic	(3)
MATH	116	Calculus for Managerial, Biological and Social Sciences	4
<b>or</b> MATH	170	Analytic Geometry and Calculus I	(4)
PHYS	101	General Physics	4
<b>and</b> PHYS	102	General Physics	4
<b>or</b> PHYS	201	Engineering Physics	(4)
<b>and</b> PHYS	202	Engineering Physics	(4)
MICR	200	Principles and Applications of Microbiology	5

# CERRITOS COLLEGE

## ZOOLOGY

### TRANSFER PREPARATION

#### California State Polytechnic University – Pomona (cont.) (BIOLOGY, B.S. – ZOOLOGY)

A&P	150	Introduction to Human Anatomy	4
A&P	151	Introduction to Human Physiology	4
<b>or</b> A&P	200	Human Anatomy	(5)
<b>and</b> A&P	201	Human Physiology	5
ANTH	100	Cultural Anthropology	3
<b>or</b> ENGL	230B	Introduction to American Literature	(3)
<b>or</b> SOC	210	American Minority Relations	(3)
<b>or</b> WGS	101	Issues for Women in American Society	(3)
HIST	103	Political and Social Hist of the US: 1877 - Present	3
<b>or</b> HIST	102	Political and Social Hist of the US: 1500 - 1876	(3)

#### California State Polytechnic University – Pomona (ANIMAL HEALTH SCIENCE, B.S.)

BIOL	200	Principles of Biology	5
MICR	200	Principles and Applications of Microbiology	5
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
MATH	155	Precalculus	5
MATH	112	Elementary Statistics	4
<b>or</b> PSYC	210	Elementary Statistics	(4)
ANTH	100	Cultural Anthropology	3
<b>or</b> ENGL	230B	Introduction to American Literature	(3)
<b>or</b> SOC	210	American Minority Relations	(3)
<b>or</b> WGS	101	Issues for Women in American Society	(3)
HIST	103	Political and Social Hist of the US: 1877 - Present	3
<b>or</b> HIST	102	Political and Social Hist of the US: 1500 - 1876	(3)

#### California State Polytechnic University – Pomona (ANIMAL SCIENCE, B.S.) – ANIMAL SCIENCE OPTION)

MICR	200	Principles and Applications of Microbiology	5
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
MATH	155	Precalculus	5
MATH	112	Elementary Statistics	4
<b>or</b> PSYC	210	Elementary Statistics	(4)
BIOL	200	Principles of Biology	5
BIOL	201	Principles of Biology	5
ANTH	100	Cultural Anthropology	3
<b>or</b> ENGL	230B	Introduction to American Literature	(3)
<b>or</b> SOC	210	American Minority Relations	(3)
<b>or</b> WGS	101	Issues for Women in American Society	(3)
HIST	103	Political and Social Hist of the US: 1877 - Present	3
<b>or</b> HIST	102	Political and Social Hist of the US: 1500 - 1876	(3)

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### TRANSFER PREPARATION

**California State Polytechnic University – San Luis Obispo  
(ANIMAL SCIENCE, B.S.)**

BIOL	120	Introduction to Biological Science	4
<i>or</i> BIOL	201	Principles of Biology	(5)
CHEM	211	Organic Chemistry	5
CHEM	212	Organic Chemistry	5
MATH	114	College Algebra	4
<i>or</i> MATH	155	Precalculus	(5)
MATH	116	Calculus for Managerial, Biological & Social Sciences	4
<i>or</i> MATH	170	Analytic Geometry and Calculus I	(4)
MATH	112	Elementary Statistics	4
<i>or</i> PSYC	210	Elementary Statistics	(4)

**University of California – Davis  
(ANIMAL SCIENCE, B.S.)**

BIOL	200	Principles of Biology	5
BIOL	201	Principles of Biology	5
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
CHEM	211	Organic Chemistry	5
CHEM	212	Organic Chemistry	5
MATH	116	Calculus for Managerial, Biological & Social Sciences	4
<i>or</i> MATH	170	Analytic Geometry and Calculus I	(4)

**University of California – Santa Barbara  
(Zoology, B.S.)**

BIOL	200	Principles of Biology	5
BIOL	201	Principles of Biology	5
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
CHEM	211	Organic Chemistry	5
CHEM	212	Organic Chemistry	5
MATH	116	Calculus for Managerial, Biological & Social Sciences	4
<i>or</i> MATH	170	Analytic Geometry and Calculus I	(4)
<i>and</i> MATH	190	Analytic Geometry and Calculus II	4
MATH	112	Elementary Statistics	4
<i>or</i> MATH	250	Linear Algebra and Differential Equations	(5)
PHYS	101	General Physics	4
PHYS	102	General Physics	4