

# CERRITOS COLLEGE

## BOTANY

### 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.

#### COMMON LOWER DIVISION MAJOR PREPARATION 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

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

##### California State Polytechnic University – Pomona

##### (Biology: Botany)

ENGL	100	Freshman Composition	4
ENGL	102	Freshman Composition and Literature	3
ENGL	103	Critical and Argumentative Writing	3
<b>or</b> PHIL	106	Introduction to Logic	(4)
MATH	116	Calculus for Managerial, Biological and Social Sciences	4
<b>or</b> MATH	170	Analytical Geometry and Calculus I	(4)
MICR	200	Principles and Applications of Microbiology	5
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

Cal Poly Pomona has and **American Cultural Perspectives (ACP) Requirement**, for more information meet with a counselor or visit [assist.org](http://assist.org).

##### University of California – Riverside (Plant Biology B.A. or B.S.)

##### (Plant Biology)

Areas of Specialization: (1) Plant Cellular Molecular and Developmental Biology; (2) Plant Genetics, Breeding, and Biotechnology; (3) Ecology, Evolution, and Systematics; (4) Plant Pathology, Nematology, and Pest Management.

MATH	170	Analytical Geometry and Calculus I	4
MATH	190	Analytical Geometry and Calculus I	4

Students working towards the B.A. degree are encouraged to complete the foreign language breadth requirement prior to transfer. This requirement is 3<sup>rd</sup> semester proficiency in one foreign language,

***Cerritos College – Botany – Revised Spring 2020***  
***11110 Alondra Blvd., Norwalk, CA 90650***

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## **BOTANY**

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#### **University of California – Riverside – (cont.)**

The IGETC is not accepted for majors housed in the College of Natural and Agricultural Sciences. Transfer students are encouraged to follow the College of Natural and Agricultural Sciences breadth pattern as outlined on [www.assist.org](http://www.assist.org).

#### **CAREER OPPORTUNITIES:**

Bachelor's degree programs with an emphasis in Botany are designed to qualify the student for graduate study in the field; for teaching through the high school level; for applied work with Federal, State park, forestry and agricultural services, and with private industry.

See State University General Education List