



Cerritos College

BOTANY TRANSFER PROGRAM

Program of Study

COMMON LOWER DIVISION MAJOR PREPARATION FOR CALIFORNIA STATE UNIVERSITY AND UNIVERSITY OF CALIFORNIA

		UNITS
BIOL200	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 University – Long Beach (Option within the Biology Major)

MATH 116	Calculus for Managerial, Biological and Social Sciences	4
or MATH 170	Analytical Geometry and Calculus I	(4)
MATH 190	Analytical Geometry and Calculus II	4
PHYS 101	General Physics	4
PHYS 102	General Physics	4

California State Polytechnic University – Pomona

CHEM 211	Organic Chemistry	5
CHEM 212	Organic Chemistry	5
ENGL 100	Freshman Composition	4
ENGL 102	Freshman Composition and Literature	3
or ENGL 103	Critical and Argumentative Writing	(3)
HED 100	Contemporary Health Problems	3
or PSYC 101	General Introductory Psychology	(3)
or PSYC 150	Personal and Social Adjustment	(3)
or PSYC 241	Introduction to Psychobiology	(3)
MATH 112	Elementary Statistics	4
MATH 116	Calculus for Managerial, Biological and Social Science	4
PHYS 101	General Physics	4
PHYS102	General Physics	4
HED 100	Contemporary Health Problems	3
or PSYC 101	General Introductory Psychology	(3)
or PSYC 150	Personal and Social Adjustment	(3)
or PSYC 241	Introduction to Psychobiology	(3)

University of California – Riverside

BOTANY

BOTANY

BOT 120	Introduction to Plant Science	4
CHEM 211	Organic Chemistry	5
CHEM 212	Organic Chemistry	5
MATH 170	Analytical Geometry and Calculus I	4
MATH 190	Analytical Geometry and Calculus II	4
PHYS 201	Engineering Physics	4
PHYS 202	Engineering Physics	4
PHYS 203	Engineering Physics	4
ZOOL 120	Introduction to Animal Biology	4

ASSOCIATE IN ARTS DEGREE REQUIREMENTS:

Complete 60 units to include: (1) the above required courses, (2) electives as needed, and (3) the Associate in Arts Degree General Education requirements.

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 Cerritos College Graduation Requirements.

See State University General Education List.