

# Articulation Agreement by Major

Effective during the 2020-2021 Academic Year

To: California Polytechnic University, Pomona  
2020-2021 General Catalog, Semester

From: Santa Barbara City College  
2020-2021 General Catalog, Semester

## Biology, B.S.

### THIS MAJOR ACCEPTS THE ASSOCIATE DEGREE FOR TRANSFER (ADT)

A California Community College student who has earned the ADT (AA-T or AS-T) is granted priority admission to the CSU into a "similar" baccalaureate degree program with a guarantee of junior standing, as long as the student meets all prescribed admission requirements. ADT students **will only be required to complete 60 additional semester units** to complete the requirements for the "similar" baccalaureate degree.

ADT roadmaps for completing the 60 additional semester units are available here:

<https://www.cpp.edu/academic-programs/academic-advising/tools/sheets-roadmaps/2020-2021/index.shtml>

Additional ADT information: [www.adegreewithaguarantee.com](http://www.adegreewithaguarantee.com)

### TRANSFER AND ADMISSION REQUIREMENTS

#### CSU Eligibility

Transfers must meet the minimum California State University eligibility requirements listed below as the first step in being considered for admission.

Cal Poly Pomona requires **all** transfers to complete the following by spring prior to fall enrollment or by summer for spring enrollment:

- Must be in good academic standing at the last institution attended.
- Must have minimum 2.00 GPA in transferable coursework.
- Must have at least minimum of 60 transferable semester units (90 quarter).
  - 30 of the 60 semester units (45 quarter), must be in General Education.
  - Completion of the "Golden Four."

Supplemental criteria may be required for [impacted majors](#).

*Cal Poly Pomona does not accept students who have completed a Bachelor's degree and are interested in a 2nd Bachelor's. We encourage you to consider a Graduate degree.*

#### Golden Four

- **A1: Oral Communication:** Complete, with a grade of "C-" or higher, a basic public speaking course or other communication course.
- **A2: English Composition:** Complete, with a grade of "C-" or higher, an English composition course that emphasizes essay writing or reading and writing concurrently.
- **A3: Critical Thinking:** Complete, with a grade of "C-" or higher, a second semester composition or writing course, or a course in reasoning and effective argumentative writing.
  - **[All Engineering majors are exempt from completing Critical Thinking as a part of the admission requirements. The Critical Thinking GE A3 requirement is completed through a series of upper- and lower-division design courses within the major requirements.]**
- **B4: Mathematics/Quantitative Reasoning:** Complete, with a grade of "C-" or higher, a mathematics course above the level of intermediate algebra.

**Not all courses listed on this articulation agreement may be required for admission. Please refer to the admissions website below for more information regarding minimum admission requirements.**

<https://www.cpp.edu/~admissions/transfer/requirements.shtml>

### THIS IS AN IMPACTED MAJOR

#### Campus Impaction

"Campus impaction" means that a campus has reached its enrollment capacity for instructional resources and physical support and cannot accommodate all the eligible undergraduate applications it receives.

In this case, the campus has established a [local admission area](#) for upper-division transfers. This means that, in general, applications received from students from outside the designated local area will be held to higher admission requirements than those received from students inside the local area.

#### Local Area Admission Preference

Transfer applicants applying to an impacted major will receive "Local Preference" for admission consideration based on our [local area](#) designation. In addition, as a part of our commitment to provide access to veterans, Cal Poly Pomona gives "Local Preference" to all veterans regardless of their institution.

**The following majors are impacted, but do not have supplemental requirements:**

- Business Administration, B.S. - Accounting Subplan/Option
- Architecture, B.Arch
- Physics, B.S. - General Subplan/Option

## SUPPLEMENTAL CRITERIA COURSE REQUIREMENT

**BIO 1210/L and BIO 1220/L**

*For transfer courses taken prior to Fall 2018:*

**BIO 121/L, BIO 122/L, and BIO 123/L**

<https://www.cpp.edu/~admissions/transfer/impacted-majors.shtml>

## GENERAL EDUCATION REQUIREMENTS

Transfer students may satisfy General Education requirements by completing the CSU General Education Breadth Certification pattern, the Intersegmental General Education Transfer Curriculum (IGETC), or by completing an [Associate Degree for Transfer \(AA-T/AS-T\)](#).

**Transfer students are advised to take courses required for their major as part of CSU General Education Breadth, as specified by each major, to achieve the minimum units to degree.**

Major courses and campus-wide required courses that are approved for GE credit shall also fulfill (double count for) the GE requirement. [\[EO 1100\]](#)

For more information regarding Associate Degree for Transfer, please see your California community college counselor or visit:

[www.adgreewithaguarantee.com/](http://www.adgreewithaguarantee.com/)

## AMERICAN CULTURAL PERSPECTIVES (ACP) REQUIREMENT

The [American Cultural Perspectives \(ACP\) Requirement](#) is a graduation requirement. Courses satisfying this requirement may be part of either a student's General Education program, major, or minor. These courses may also be taken as electives. This requirement will not constitute an additional unit load on the degree requirements of students in any program. This requirement was implemented fall quarter, 1995.

To satisfy this requirement a student must take at least one four-unit course. Courses that meet the American Cultural Perspectives Requirement should satisfy all of the following criteria:

- Introduce theoretical perspectives and nonwestern/nontraditional approaches for studying gender, ethnicity, and class.
- Include the study of at least one other marker of social difference, such as sexual orientation, religious affiliation, national origin, etc.
- Include substantive materials (books/films/lectures/articles/etc.) by and/or about members of at least two of the following socio-cultural groups: African Americans, Native Americans, Chicano/Latino Americans, Asian Americans, Pacific Islands Americans, Middle Eastern Americans, and European/white ethnic Americans.
- Address intra-cultural differences as well as inter-cultural commonalities between groups that collectively represent the American population. The commonalities and differences may be examined by focusing on diverse cultural practices, environmental ethics, political histories, religious beliefs, or means of artistic expression.

**The ACP Requirement section below contains articulated transfer courses approved to satisfy the ACP requirement at CPP.**

## GRADUATION WRITING TEST REQUIREMENT

**The California State University Graduate Writing Assessment Requirement (GWAR) has been temporarily suspended.**

<https://calstate.policystat.com/policy/6945331/latest/>

## ADDITIONAL DEGREE REQUIREMENTS

This by-major articulation agreement is not representative of all courses required for the undergraduate degree, such as upper-division courses numbered 3000 and above. Please refer to the online University Catalog webpage below for a comprehensive list of undergraduate degree requirements.

<https://catalog.cpp.edu/>

## MAJOR REQUIRED

**BIO 1210** - Foundations of Biology: Energy, Matter, and Information (3.00)

--- And ---

**BIO 1210L** - Foundations of Biology: Energy, Matter, and Information Laboratory (1.00)

← No Course Articulated

--- And ---

**BIO 1220** - Foundations of Biology: Evolution, Ecology, and Biodiversity (3.00)

--- And ---

**BIO 1220L** - Foundations of Biology: Evolution, Ecology, and Biodiversity Laboratory (1.00)

← No Course Articulated

--- Or ---

**BIO 1210** - Foundations of Biology: Energy, Matter, and Information (3.00)

--- And ---

**BIO 1210L** - Foundations of Biology: Energy, Matter, and Information Laboratory (1.00)

--- And ---

**BIO 1220** - Foundations of Biology: Evolution, Ecology, and Biodiversity (3.00)

--- And ---

**BIO 1220L** - Foundations of Biology: Evolution, Ecology, and Biodiversity Laboratory (1.00)

**BIOL 101** - Plant Biology (4.00)

--- And ---

**BIOL 102** - Animal Biology (5.00)

--- And ---

**BIOL 103** - Cell and Molecular Biology (5.00)

--- And ---

**BIOL 104** - Molecular Biology (4.00)

--- And ---

**BIOL 105** - Molecular Biology Laboratory (2.00)

←

**BIO 2110L** - Biostatistics Laboratory (1.00)

← No Course Articulated

**BIO 2400** - Genetics (3.00)

← No Course Articulated

**CHM 1210** - General Chemistry I (3.00)

--- And ---

**CHM 1210L** - General Chemistry Laboratory I (1.00)

← **CHEM 155** - General Chemistry I (5.00)

**CHM 1220** - General Chemistry II (3.00)

--- And ---

**CHM 1220L** - General Chemistry Laboratory II (1.00)

← **CHEM 156** - General Chemistry II (5.00)

**CHM 2010** - Elements of Organic Chemistry (3.00)

--- And ---

**CHM 2010L** - Elements of Organic Chemistry Laboratory (1.00)

← Course(s) Denied: CHEM 211;CHEM 221;CHEM 212;CHEM 222;

--- Or ---

**CHM 3140** - Organic Chemistry I (4.00)

--- And ---

**CHM 3140L** - Organic Chemistry I Laboratory (1.00)

← No Course Articulated

**ENG 1101** - Stretch Composition II (3.00)

← No Course Articulated

--- Or ---

**ENG 1103** - First-Year Composition (3.00)

← **ENG 110** - Composition and Reading (4.00)

--- Or ---

**ENG 110H** - Composition and Reading, Honors (4.00)

**ENG 2105** - Written Reasoning (3.00)



**ENG 111** - Critical Thinking and Composition Through Literature (3.00)

--- Or ---

**ENG 111H** - Critical Thinking and Composition through Literature, Honors (3.00)

--- Or ---

**ENG 115** - Argumentative Writing and Critical Thinking (3.00)

--- Or ---

**PHL 2020** - Critical Thinking (3.00)



**PHIL 111** - Critical Thinking and Writing in Philosophy (3.00)

**MAT 1200** - Calculus for the Life Sciences (3.00)



Course(s) Denied: MATH 130;

--- Or ---

**MAT 1140** - Calculus I (4.00)



**MATH 150** - Calculus with Analytic Geometry I (5.00)

**STA 1300** - Biostatistics (3.00)



No Course Articulated

**PHY 1210** - Physics of Motion, Fluids, and Heat (3.00)

--- And ---

**PHY 1210L** - Laboratory on Motion, Fluids, and Heat (1.00)



**PHYS 110** - Introductory Physics (4.00)

--- Or ---

**PHYS 105** - General Physics (4.00)

--- And ---

**PHY 1220** - Physics of Electromagnetism, Circuits, and Light (3.00)

--- And ---

**PHY 1220L** - Electromagnetism, Circuits, and Light Laboratory (1.00)



**PHYS 111** - Introductory Physics (4.00)

--- Or ---

**PHYS 106** - General Physics (4.00)

--- Or ---

**PHY 1510** - Introduction to Newtonian Mechanics (3.00)

--- And ---

**PHY 1510L** - Newtonian Mechanics Laboratory (1.00)

- *Acceptable substitute*



**PHYS 121** - Mechanics of Solids and Fluids (5.00)

--- And ---

**PHY 1520** - Introduction to Electromagnetism and Circuits (3.00)

--- And ---

**PHY 1520L** - Introductory Laboratory on Electromagnetism and Circuits (1.00)

- *Acceptable substitute*



**PHYS 122** - Electricity and Magnetism (5.00)

## MAJOR REQUIRED EMPHASIS ELECTIVES

Select 29 - 31 Unit(s) from the following

Select courses in consultation with an advisor

Only lower division courses listed

**\*\*REFER TO CATALOG\*\***

**BIO 2050** - Form and Function in Plants (3.00)

--- And ---

**BIO 2050L** - Form and Function in Plants Laboratory (1.00)



**BIOL 101** - Plant Biology (4.00)

**BIO 2060** - Basic Microbiology (3.00)

--- And ---

**BIO 2060L** - Basic Microbiology Laboratory (1.00)



**BMS 127** - Medical Microbiology (4.00)

<b>BIO 2070</b> - Animal Biology (3.00) <div>--- And ---</div> <b>BIO 2070L</b> - Animal Biology Laboratory (1.00)	←	<b>BIOL 102</b> - Animal Biology (5.00) <div>--- Or ---</div> <b>ZOOL 122</b> - Animal Diversity (3.00) <div>--- And ---</div> <b>ZOOL 123</b> - Animal Diversity Laboratory (1.00)
<b>PLT 2310</b> - Basic Soil Science (2.00) <div>--- And ---</div> <b>PLT 2310L</b> - Basic Soil Science Laboratory (1.00)	←	Course(s) Denied: EH 102;
<b>BIO 2020</b> - Medical Terminology (3.00)	←	This Course is Never Articulated
<b>BIO 2340</b> - Human Anatomy (2.00) <div>--- And ---</div> <b>BIO 2340L</b> - Human Anatomy Laboratory (2.00)	←	<b>BMS 107</b> - Human Anatomy (4.00)
<b>BIO 2350</b> - Human Physiology (3.00) <div>--- And ---</div> <b>BIO 2350L</b> - Human Physiology Laboratory (1.00)	←	<b>BMS 108</b> - Human Physiology (4.00)
<b>BIO 2370</b> - Introduction to Invertebrate Zoology (3.00) <div>--- And ---</div> <b>BIO 2370L</b> - Introduction to Invertebrate Zoology Laboratory (1.00)	←	No Course Articulated
<b>BIO 2380</b> - Introduction to Vertebrate Zoology (3.00) <div>--- And ---</div> <b>BIO 2380L</b> - Introduction to Vertebrate Zoology Laboratory (1.00)	←	No Course Articulated

## AMERICAN CULTURAL PERSPECTIVES (ACP) REQUIREMENT

Select 1 Course(s) from the following Only lower division courses listed		
<b>ANT 1020</b> - Introduction to Cultural Anthropology (3.00)	←	<b>ANTH 103</b> - Introduction to Cultural Anthropology (3.00)
<b>ENG 2320</b> - American Literature Since 1865 (3.00)	←	<b>ENG 226</b> - American Literature: 1865 to Present (3.00) <div>--- Or ---</div> <b>ENG 226H</b> - American Literature, Honors (4.00)
<b>ENG 2330</b> - Multicultural Literature in the U.S. (3.00)	←	No Course Articulated
<b>EWS 1400</b> - Introduction to Ethnic Studies (3.00)	←	No Course Articulated
<b>EWS 1450</b> - Introduction to Gender Studies (3.00)	←	<b>SOC 127</b> - Introduction to Women's Studies (3.00)
<b>EWS 2900</b> - Multicultural Leadership (3.00)	←	No Course Articulated
<b>HST 2202</b> - United States History, 1877 to Present (3.00)	←	<b>HIST 102</b> - History of the U.S. since 1865 (3.00) <div>--- Or ---</div> <b>HIST 102H</b> - History of the United States since 1865, Honors (4.00)
<b>HST 2201</b> - United States History to 1877 (3.00) • <i>Acceptable substitute</i>	←	<b>HIST 101</b> - History of the U.S. to 1877 (3.00)
<b>IGE 2200</b> - Encountering Difference: Culture and Power (3.00)	←	No Course Articulated
<b>IGE 2300</b> - Ways of Doing: Culture, Society, and the Sciences (3.00)	←	No Course Articulated
<b>NTR 2280</b> - Food and Culture (3.00)	←	No Course Articulated

[ACP]: Additional course(s) approved to satisfy the American Cultural Perspectives requirement.

← No Course Articulated

END OF AGREEMENT

