

Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: California Polytechnic University, Pomona
2018-2019 General Catalog, Semester

From: Foothill College
2018-2019 General Catalog, Quarter

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.

Additional ADT information: www.adegreewithaguarantee.com

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

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.]

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>

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/

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

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the semester following completion of 60 semester units for undergraduates.

Certification of graduation writing competence shall be transferable from one CSU campus to another.

<https://www.calstate.edu/eo/EO-665.pdf>

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.

MAJOR REQUIRED CORE

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

--- And ---

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

← **BIOL 1A** - Principles of Cell Biology (6.00)

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 1B** - Form & Function in Plants & Animals (6.00)

--- And ---

BIOL 1C - Evolution, Systematics & Ecology (6.00)

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 1A** - General Chemistry (5.00)

--- And ---

CHEM 1B - General Chemistry (5.00)

--- Or ---

CHEM 1AH - Honors General Chemistry (5.00)

--- And ---

CHEM 1BH - Honors General Chemistry (5.00)

CHM 1220 - General Chemistry II (3.00)

--- And ---

CHM 1220L - General Chemistry Laboratory II (1.00)

← **CHEM 1B** - General Chemistry (5.00)

--- And ---

CHEM 1C - General Chemistry & Qualitative Analysis (5.00)

--- Or ---

CHEM 1BH - Honors General Chemistry (5.00)

--- And ---

CHEM 1C - General Chemistry & Qualitative Analysis (5.00)

CHM 2010 - Elements of Organic Chemistry (3.00)

--- And ---

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

← No Comparable Course

--- Or ---

CHM 3140 - Organic Chemistry I (4.00)

--- And ---

CHM 3140L - Organic Chemistry I Laboratory (1.00)

- Content credit only
- No upper division credit

← No Course Articulated

ENG 1103 - First-Year Composition (3.00)

← **ENGL 1A** - Composition & Reading (5.00)

--- Or ---

ENGL 1AH - Honors Composition & Reading (5.00)

--- Or ---

ENGL 1S - Integrated Composition & Reading (5.00)

--- And ---

ENGL 1T - Integrated Composition & Reading (5.00)

ENG 2105 - Written Reasoning (3.00)

← **ENGL 1B** - Composition, Critical Reading & Thinking Through Literature (5.00)

--- Or ---

ENGL 1BH - Honors Composition, Critical Reading, & Thinking Through Literature (5.00)

NTR 2030 - Health, Nutrition and the Integrated Being (3.00)

← No Course Articulated

--- Or ---

PSY 2201 - Introduction to Psychology (3.00)

← **PSYC 1** - General Psychology (5.00)

MAT 1200 - Calculus for the Life Sciences (3.00)

← **MATH 1A** - Calculus (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 2A - General Physics (5.00)

--- And ---

PHYS 2B - General Physics (5.00)

--- And ---

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

--- And ---

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

←

PHYS 2B - General Physics (5.00)

--- And ---

PHYS 2C - General Physics (5.00)

--- Or ---

PHY 1510 - Introduction to Newtonian Mechanics (3.00)

--- And ---

PHY 1510L - Newtonian Mechanics Laboratory (1.00)

- *Acceptable substitute*

←

PHYS 4A - General Physics (Calculus) (6.00)

--- And ---

PHYS 4B - General Physics (Calculus) (6.00)

--- And ---

PHY 1520 - Introduction to Electromagnetism and Circuits (3.00)

--- And ---

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

- *Acceptable substitute*

←

PHYS 4B - General Physics (Calculus) (6.00)

--- And ---

PHYS 4C - General Physics (Calculus) (6.00)

MAJOR REQUIRED EMPHASIS ELECTIVES

Select 30 - 31 Unit(s) from the following

Select courses in consultation with an advisor

Only lower division courses listed

BIO 2340 - Human Anatomy (2.00)

--- And ---

BIO 2340L - Human Anatomy Laboratory (2.00)

←

BIOL 40A - Human Anatomy & Physiology I (5.00)

--- Or ---

BIOL 40B - Human Anatomy & Physiology II (5.00)

--- Or ---

BIOL 40C - Human Anatomy & Physiology III (5.00)

BIO 2350 - Human Physiology (3.00)

--- And ---

BIO 2350L - Human Physiology Laboratory (1.00)

←

BIOL 40A - Human Anatomy & Physiology I (5.00)

--- Or ---

BIOL 40B - Human Anatomy & Physiology II (5.00)

--- Or ---

BIOL 40C - Human Anatomy & Physiology III (5.00)

--- Or ---

BIOL 14 - Human Biology (5.00)

BIO 2370 - Introduction to Invertebrate Zoology (3.00)
--- And ---
BIO 2370L - Introduction to Invertebrate Zoology Laboratory (1.00)

← **BIOL 1B** - Form & Function in Plants & Animals (6.00)

BIO 2380 - Introduction to Vertebrate Zoology (3.00)
--- And ---
BIO 2380L - Introduction to Vertebrate Zoology Laboratory (1.00)

← **BIOL 1B** - Form & Function in Plants & Animals (6.00)

BIO 2050 - Form and Function in Plants (3.00)
--- And ---
BIO 2050L - Form and Function in Plants Laboratory (1.00)

← No Course Articulated

PLT 2310 - Basic Soil Science (2.00)
--- And ---
PLT 2310L - Basic Soil Science Laboratory (1.00)

← No Course Articulated

BIO 2060 - Basic Microbiology (3.00)
--- And ---
BIO 2060L - Basic Microbiology Laboratory (1.00)

← **BIOL 41** - Microbiology (6.00)

AMERICAN CULTURAL PERSPECTIVES (ACP) REQUIREMENT

Select 1 Course(s) from the following

Only lower division courses listed

ANT 1020 - Introduction to Cultural Anthropology (3.00)

← **ANTH 2A** - Cultural Anthropology (4.00)

--- Or ---

ANTH 2AH - Honors Cultural Anthropology (4.00)

ENG 2320 - American Literature Since 1865 (3.00)

← **ENGL 45B** - Survey of American Literature II: 1865 to the Present (5.00)

ENG 2330 - Multicultural Literature in the U.S. (3.00)

← No Course Articulated

EWS 1400 - Introduction to Ethnic Studies (3.00)

← **SOC 23** - Race & Ethnic Relations (4.00)

EWS 1450 - Introduction to Gender Studies (3.00)

← **WMN 5** - Introduction to Women's Studies (4.00)

EWS 2900 - Multicultural Leadership (3.00)

← No Course Articulated

HST 2202 - United States History, 1877 to Present (3.00)

← **HIST 17B** - History of the United States from 1812 to 1914 (4.00)

--- Or ---

HIST 17C - History of the United States from 1914 to the Present (4.00)

--- Or ---

HST 2201 - United States History to 1877 (3.00)

← **HIST 17A** - History of the United States to 1815 (4.00)

- *Acceptable substitute*

IGE 2200 - Encountering Difference: Culture and Power (3.00)

← No Course Articulated

IGE 2300 - Ways of Doing: Culture, Society, and the Sciences (3.00)

← No Course Articulated

NTR 2280 - Food and Culture (3.00)

← No Course Articulated

END OF AGREEMENT