

**Major Required 39 units**

GSC1100 - Water in a Changing World (3) (B1)  
**OR**  
 GSC2120 - Earth Science for Elementary Educators (2) (B1) *and*  
 GSC2120L - Earth Science for Elementary Educators Laboratory (1) (B3)

HST1101 - World Civilizations to 1500 (3) (C2)  
 HST1102 - World Civilizations from 1500 (3) (C2)

KIN3260 - Teaching Elementary Physical Education and Fitness (2) \* *and*  
 KIN3260A - Teaching Elementary Physical Education and Fitness Activity (1) \*  
**OR**  
 KIN4430 - Inequality in Sport and Physical Activity (3) (D4) \*

LS1020 - Integrating Knowledge, Learning, and Engagement for Success (3) (E)  
 LS2011 - History and Purposes of the Liberal Arts: What is a Liberal Studies Mindset? (3)  
 LS3011 - Knowledge and Knowing in the Liberal Arts (3)  
 LS3031 - The Social Sciences and the Liberal Arts (3)  
 LS4011 - Liberal Studies Special Topics in Humanities, Social Science or Natural Sciences (3)  
 LS4211 - Arts Integration II (3)  
 LS4611 - Liberal Studies Senior Capstone -- Activating the Liberal Studies Mindset (3)  
 PLS2010 - Introduction to American Government (3) (D2)  
 TH4230 - Integrated Arts (3)

**Note(s):**

\*Students interested teaching special education should take KIN 3260 / KIN 3260A to prepare for the California State Exam for Teachers (CSET), one requirement to enter a teaching credential program. Taking KIN 3260 / KIN 3260A will make the total units to degree for the ITEP M/M option 125 and for the ITEP M/S option 128. Taking KIN 4430, if it double counts for GE Synthesis Area D4, total units to degree will be 122 for the ITEP M/M option and 125 for the ITEP M/S option. KIN 4430 does not prepare students for the CSET.

**Subplan/Option Required 29 units**

CHM2120 - Chemistry for Elementary Educators (2) (B1)  
 CHM2120L - Chemistry for Elementary Educators Laboratory (1) (B3)  
 ECS3600 - Emergent Literacy in First and Second Language Acquisition (3)  
 LS3021 - The Humanities and the Liberal Arts (3)  
 LS3041 - The Natural Sciences and the Liberal Arts (3)  
 LS4601S - Liberal Studies Synthesis Interdisciplinary Perspective on Contemporary Public Education - Service Learning (3)  
 MAT1940 - Mathematical Concepts for Elementary School Teachers (4) (B4)  
 MAT3940 - Mathematical Concepts for Elementary School Teachers: Algebraic and Statistical Reasoning (4)  
 MAT3950 - Mathematical Concepts for Elementary School Teachers: Geometry (3)  
 PSY2206 - Child Psychology for Educators (3)

**Subplan/Option Electives 9 units**

Any combination of courses listed below will satisfy the required 9 units. Emphases are listed to provide guidance for helping students to choose courses of interest that best fit your career goals, but there is no requirement for choosing a specific emphasis for fulfilling these units.

**Human Development Emphasis**

ECS1100 - Child, Family and Community (3)  
 PSY2201 - Introduction to Psychology (3) (E)  
 PSY2210 - Mind, Brain and Behavior: An Integrated View (3)  
 PSY3325 - Multicultural Psychology (3) (D4)

**History Emphasis**

HST3340 - History of American Institutions and Ideals, 1877-present (3) (C3)  
 HST4408 - History of American Science and Technology (3) (C3 or D4)  
 HST4230 - Modern Science in World History (3) (C3 or D4)  
 HST4433 - Nonviolence in the Modern World (3) (C3 or D4)

**Visual and Performing Arts Emphasis**

AH3333 - History of Design (3)  
 COM2280 - Understanding and Appreciating the Photographic Image (3) (C1)  
 DAN4460 - History of Dance and Its Artistic and Cultural Influences (3) (C3)  
 TH3010 - Through Artists' Eyes (3) (C3)

**Literature Emphasis**

ENG2150 - Multimodal Literacy (3)  
 ENG2801 - Adolescent Literature (3) (C2)  
 ENG2710 - World Literature I (3) (C2)  
 ENG3212 - Language Acquisition (3)

**Kinesiology Emphasis**

KIN2460S - Introduction to Students with a Disability Service Learning (3)  
 KIN2990 - Special Topics for Lower Division Students (1-3) (3 units required; Topic: Contemporary Issues of Kinesiology and Health)  
 KIN3010 - Foundations of Exercise Science (3) (B5)  
 KIN4440 - Sport and Film (3) (D3)

**Science Emphasis**

BIO1060 - Human Biology (3) (B2)  
 BIO3040 - Environment and Society (3) (B5)  
 BIO3090 - Biology of the Brain (3) (B5)  
 BIO3120 - Biodiversity Conservation (3) (B5)

**Mathematics Emphasis**

MAT1050 - College Algebra (3) (B4)  
 MAT1060 - Trigonometry (3) (B4)  
 MAT1200 - Calculus for Life Sciences (3) (B4)  
 STA1200 - Statistics with Applications (3) (B4)

**Unrestricted Electives 0-28 units**

Select a sufficient number of courses from "Major Required", "Subplan/Option Required", "Subplan/Option Electives", "GE", and "Unrestricted Electives" so that they total at least 120 units.

**General Education Requirements 48 Units**

Students should consult the Academic Programs website  
<https://www.cpp.edu/~academic-programs/general-education-course-listings.shtml>  
 for current information regarding this requirement. Unless specific courses are required, please refer to the list of approved courses under General Education Requirements, Areas A through E.

**Area A. English Language Communication and Critical Thinking (9 units)**  
*At least 3 units from each sub-area*

1. Oral Communication
2. Written Communication
3. Critical Thinking

**Area B. Scientific Inquiry and Quantitative Reasoning (12 units)**  
*At least 3 units from B1, B2, B4, and B5 including 1 unit of lab from B1 or B2 to fulfill B3*

1. Physical Sciences
2. Life Sciences
3. Laboratory Activity
4. Mathematics/Quantitative Reasoning
5. Science and Technology Synthesis

**Area C. Arts and Humanities (12 units)**  
*At least 3 units from each sub-area and 3 additional units from sub-areas 1 and/or 2*

1. Visual and Performing Arts
2. Literature, Modern Languages, Philosophy and Civilization
3. Arts and Humanities Synthesis

**Area D. Social Sciences (12 units)**  
*At least 3 units from each sub-area*

1. U.S. History and American Ideals
2. U.S. Constitution and California Government
3. Social Sciences: Principles, Methodologies, Value Systems, and Ethics
4. Social Science Synthesis

**Area E. Lifelong Learning and Self-Development (3 units)**

**Interdisciplinary General Education 21 Units**

An alternate pattern for partial fulfillment of GE Areas A, C, and D available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Please refer to the University Catalog General Education Program section for additional information.

*How IGE fulfills General Education Requirements:*

Year	Completion of IGE Courses	Satisfies GE Requirements
First	IGE 1100, IGE 1200	A2 and C2
Second/Third	IGE 2100, IGE 2200	C1 and C2
	IGE 2300, IGE 2400	D1 and D3
Third/Fourth	IGE 3100	C3 or D4

**American Institutions 6 Units**

Courses that satisfy this requirement may also satisfy GE Area D1 and D2.

**American Cultural Perspectives Requirement 3 Units**

Refer to the University Catalog General Education Program section for a list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.

**Graduation Writing Test**

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 units for undergraduates.