

Major Required 24 units

 HST4408 - History of American Science and Technology (3) (C3 or D4)
 IME4020 - Ethical Concepts in Technology and Applied Science (3) (B5 or C3)
 PHL2180 - Logic and Computing (3) (B4)
 PHL3830 - Philosophy of Science (3) (B5)
 SOC4440 - Technology & Society (3) (D4)
 STS2010 - Introduction to Science, Technology, and Society (3) (C2)
 STS4610 - Science, Technology, and Society Capstone Seminar (3)
 STS4620 - Science, Technology, and Society Senior Project (3)

Major Electives 21 units
Select one course from the following: 3 Units
 STA1200 - Statistics with Applications (3) (B4)
 STA2260 - Probability and Statistics for Computer Scientists and Engineers (3)
Select one course from the following: 3 Units
 SOC2201 - Introduction to Sociology (3)
 IGE2300 - Ways of Doing: Culture, Society, and the Sciences (3)

History of Science and Technology Electives
Select 1 course from the following 3 units

 ANT4800 - History of Anthropological Theory (3)
 HST4200 - Islamic Science in World History (3)
 HST4210 - History of the Scientific Revolution (3) (D4)
 HST4230 - Modern Science in World History (3) (C3 or D4)
 MAT3060 - History of Mathematics (3)
 MU3100 - History of Technology in Music (3) (B5 or C3 or D4)
 PHY3060 - History of Physics (3) (B5)
 PSY4100 - History and Systems of Psychology (3)

Social and Cultural Studies of Science and Technology Electives
Select 2 courses from the following 6 units

 ANT3500 - Environment, Technology and Culture (3) (B5 or D4)
 ANT3520 - Anthropology of Globalization and Development (3)
 ENG2880 - Science Fiction (3) (C2)
 EWS4250 - Gender, Identity and Technology (3) (D4)

 GEO3300 - Environmental Geography (2) *and*
 GEO3300L - Environmental Geography Laboratory (1)

 IGE3200 - Visions of Science and Technology (3)
 PHY3010 - Energy and Society (3) (B5)
 PHY3020 - Physics for Future Presidents (3) (B5)
 PLT4311 - Plants and Civilization (3) (B5)
 RS3010 - Life Support Processes (3) (B5)
 RS3020 - Global Regenerative Systems (3) (D4)
 RS3030 - Organization for Regenerative Practices (3) (C3 or D4)

 RS4140 - Current Applications in Regenerative Studies (2) *and*
 RS4140L - Current Applications in Regenerative Studies Laboratory (1)

 RS4500 - Sustainable Communities (3) (C3 or D4)
 SOC3340 - Social Change and Social Movements (3)

Ethics and Policy of Science and Technology Electives
Select 2 courses from the following 6 units

 ABM3130 - Food and Agriculture Policy (3)
 AG4010 - Ethical Issues in Food, Agricultural and Apparel Industries (3) (D4 or C3)
 BIO3000 - Genetics and Human Issues (3) (B5)
 BIO3040 - Environment and Society (3) (B5)
 CS3750 - Computers and Society (3) (B5 or D4)
 EC4435 - Environmental Economics (3)
 EC4437 - Natural Resource Economics (3)
 EC4441 - Industry Studies (3) (B5 or D4)
 EGR4050 - Role of Design Professionals In Society (3) (D4)
 FST3250 - Food Safety and Current Issues (3) (B5)
 GEO4130 - Environmental Law (3)
 GSC1100 - Water in a Changing World (3) (B1)
 GSC3200 - Studies of a Blue Planet (3) (B5)
 GSC3500 - Natural Disasters (3) (B5)
 IME4030 - Fiscal Implications in Technical Decision Making (3) (B5 or D4)
 NTR4450 - Nutrition and International Development (3)
 PHL3330 - Bioethics (3) (B5 or C3)

 PHL4300 - Ethics, Environment, and Society (3)
 URP3340 - Policy Analysis for Planning (2)
 URP4750 - Planning in a Global Economy (3) (D4)
 URP4870 - Environmental Policy (3)

Other Requirements 18-47 units
Qualifying Foundation in Science and Technology Electives 18-47 units

A Qualifying Foundation in Science and Technology (i.e. a Major or Minor in Biological Sciences, Chemistry and Biochemistry, Computer Science, Geological Sciences, Kinesiology and Health Promotion, Mathematics and Statistics, or Physics and Astronomy; a Major in Aerospace Engineering, Chemical and Materials Engineering, Civil Engineering, Electrical and Computer Engineering, Electro-Mechanical Engineering Technology, Industrial and Manufacturing Engineering, or Mechanical Engineering; a Minor in Energy Engineering, or Materials Engineering; a Major or Minor in Computer Information Systems; a Major or Minor in Animal and Veterinary Sciences, Human Nutrition and Food Systems, or Plant Sciences; the Environmental Health Specialist Minor; the Geographical Information Systems Minor; the Physiology Minor; or the Geography Major, with the Environmental Studies or Geospatial Analysis Options).

Unrestricted Electives 0-30 units

Select a sufficient number of courses so that the total from "Major Required", "Major Electives", "GE", and "Unrestricted Electives" is at least 120 units.

General Education Requirements 48 Units

Students should view their Degree Progress Report (DPR) for information regarding their General Education requirements. Unless specific GE courses are required for their major, please refer to the list of approved courses in the General Education Program in the University Catalog, catalog.cpp.edu. When viewing the catalog, students should select the catalog year associated with the GE requirements listed in their Degree Progress Report.

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 (9 units)

At least 3 units from each sub-area

1. U.S. History and American Ideals
2. U.S. Constitution and California Government
4. Social Science Synthesis

Area E. Lifelong Learning and Self-Development (3 units)
Area F. Ethnic Studies (3 units)
Interdisciplinary General Education 18 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 2150, IGE 2250 | D1 and C2 |
| | IGE 2350 | C1 |
| | IGE 3100 | C3 or D4 |

American Institutions 6 Units

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

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.