

Name: _____
 Plan: Science, Technology, and Society, B.A.
 SubPlan/Option: _____
 Min. Units Required: **120 units**

Major Required 24 units	Ethics and Policy of Science and Technology Electives	General Education Requirements 48 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)	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)	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) <i>At least 3 units from each sub-area</i> 1. Oral Communication 2. Written Communication 3. Critical Thinking Area B. Scientific Inquiry and Quantitative Reasoning (12 units) <i>At least 3 units from B1, B2, B4, and B5 including 1 unit of lab from B1 or B2 to fulfill B3</i> 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) <i>At least 3 units from each sub-area and 3 additional units from sub-areas 1 and/or 2</i> 1. Visual and Performing Arts 2. Literature, Modern Languages, Philosophy and Civilization 3. Arts and Humanities Synthesis Area D. Social Sciences (12 units) <i>At least 3 units from each sub-area</i> 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)															
Major Electives 21 units	Other Requirements 18-47 units	Interdisciplinary General Education 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)	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 Sciences, 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).	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:															
Select one course from the following: 3 Units SOC2201 - Introduction to Sociology (3) (D3) IGE2300 - Ways of Doing: Culture, Society, and the Sciences (3) (D1 or D3)	Select a sufficient number of courses so that the total from "Major Required", "Major Electives", "GE", and "Unrestricted Electives" is at least 120 units.	<table border="1"> <thead> <tr> <th>Year</th> <th>Completion of IGE Courses</th> <th>Satisfies GE Requirements</th> </tr> </thead> <tbody> <tr> <td>First</td> <td>IGE 1100, IGE 1200</td> <td>A2 and C2</td> </tr> <tr> <td>Second/Third</td> <td>IGE 2100, IGE 2200</td> <td>C1 and C2</td> </tr> <tr> <td></td> <td>IGE 2300, IGE 2400</td> <td>D1 and D3</td> </tr> <tr> <td>Third/Fourth</td> <td>IGE 3100</td> <td>C3 or D4</td> </tr> </tbody> </table>	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
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															
History of Science and Technology Electives	Unrestricted Electives 0-33 units	American Institutions 6 Units															
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) MUJ3100 - History of Technology in Music (3) (B5 or C3 or D4) PHY3060 - History of Physics (3) (B5) PSY4100 - History and Systems of Psychology (3)	American Cultural Perspectives Requirement 3 Units	Courses that satisfy this requirement may also satisfy GE Area D1 and D2. 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.															
Social and Cultural Studies of Science and Technology Electives	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.															
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)																	