

# SCIENCE, TECHNOLOGY AND SOCIETY CONCENTRATION

## Science Communication

Select from the following: 4

|          |  |
|----------|--|
| AGC 475  | Crisis Communication in Food and Agriculture   |
| COMS 317 | Technology and Human Communication             |
| COMS 390 | Environmental Communication                    |
| COMS 395 | Science Communication                          |
| COMS 418 | Health Communication                           |
| COMS 422 | Rhetorics of Science, Technology, and Medicine |
| ISLA 305 | Topics in Public Engagements with STEM         |

## Philosophy of Science and Technology

Select from the following: 4

|          |                                    |
|----------|------------------------------------|
| PHIL 321 | Philosophy of Science              |
| PHIL 322 | Philosophy of Technology           |
| PHIL 323 | Ethics, Science and Technology     |
| PHIL 327 | Robot Ethics                       |
| PHIL 328 | Technologies and Ethics of Warfare |
| PHIL 340 | Environmental Ethics               |

## Gender, Race, Culture, Science & Technology

Select from the following: 4

|          |   |
|----------|---|
| ANT 425  | Meaning, Gender, and Identity in Anthropological Theory                                   |
| ISLA 320 | Topics and Issues in Values, Media and Culture (Topic Requires Department Approval)       |
| LAES 411 | Technology and Community Engagement   |
| SOC 308  | Sociology of the Environment  |
| WGQS 301 | Contemporary Issues in Women's and Gender Studies (Topic Requires Department Approval)    |
| WGQS 302 | Contemporary Issues in Queer Studies (Topic Requires Department Approval)                 |
| WGQS 350 | Gender, Race, Culture, Science & Technology   |
| WGQS 351 | Gender, Race, Class, Nation in Global Engineering, Technology & International Development |

## Science, Technology, and Society Electives

Select from the following: 20

|  |   |
|--|---|
| Any courses that were not taken to satisfy the core requirements above can count as electives. |   |
| BRAE 348   | Energy for a Sustainable Society        |
| GEOG 325   | Climate and Humanity                    |
| HIST 350   | The Scientific Revolution, c. 1500-1800 |

|          |  |
|----------|--|
| HIST 355 | History of Network and Information Technologies                  |
| HIST 407 | Science and Society in Cold War America                          |
| HIST 432 | United States Environmental History                              |
| ISLA 303 | Values and Technology  |
| ISLA 330 | Cal Poly Land: Nature, Technology, and Society                   |
| ISLA 350 | The Global Environment   |
| ISLA 440 | Advanced Interdisciplinary Studies Seminar <sup>4</sup>          |
| ISLA 456 | Advanced Project-Based Learning in Science, Technology & Society |
| POLS 451 | Technology and Public Policy                                     |
| PSC 307  | Nuclear Energy and Weapons in the Modern World                   |
| PSC 320  | Energy, Society and the Environment                              |
| WLC 370  | Language, Technology and Society                                 |

**Total units 32**

- <sup>1</sup> To ensure an interdisciplinary course of study, courses chosen should be from at least two different disciplines (as indicated by distinct course prefixes) and no more than half of them can have the same course prefix.
- <sup>2</sup> If a course is taken to fulfill a Major requirement, it cannot be double-counted in the Concentration. There are some exceptions for topics courses. Please consult with academic advisor.
- <sup>3</sup> The student is responsible for checking prerequisites for all courses.
- <sup>4</sup> ISLA 440 is required in the Major core and repeatable in the Concentration with a different topic as long as the topic has been approved. Total credit limited to 8 units.
- <sup>5</sup> Topic courses require department approval. Please contact department for a list of approved topics.