

INTERFACE COURSE REQUIREMENTS

Biology and Society, B.S. Majors must take at least one course from each of the three areas for a total of 12 credit hours. While these specific courses will fulfill the requirement without further approval, students may propose other courses as well.

*Please e-mail fsnyder@asu.edu or maienschein@asu.edu to petition for a course approval (either a special topics or something not on this list.).

ETHICS

These courses include rigorous analysis of ethics and values in the context of the products and processes of the life sciences.

BIO 394/PHI 320 Bioethics

BIO 394/ PHI 394/ REL 394 Bioethics: Religious Issues

BIO 494 Advanced Environmental Ethics

PHI 310/BIO 394 Environmental Ethics

BIO 394/ ENG 394 Science, Ethics and the Public

BIO 416/HPS 410 Professional Values in Science

*Other Courses with Topics Related to Bioethics

HISTORY AND PHILOSOPHY OF SCIENCE

These courses focus on 1) the development of science over time and the way that science changes with and within society or 2) promoting a deep understanding and appreciation of the nature of scientific arguments and logic and how you determine what counts as evidence in science.

BIO 316/ HPS 330 History of Biology

BIO 318/HPS 331 History of Medicine

HPS 325/HST 385 Chinese Science and Medicine

HPS 322 History of Science

HPS 323 History of Science

HPS 394 Exploration

PHI 312 Theory of Knowledge

HPS 314/PHI 314 Philosophy of Science

PHI 394 Philosophy of Biology

HPS 494/BIO 494 Darwin and Design

HPS 394 Selected Special Topics*

HPS 494 Selected Special Topics *

SCIENCE IN CONTEMPORARY SOCIETY

These courses must expose students to the methods of inquiry and results in the social study of science. They explore contemporary interactions between biology and society. Each course must clearly recognize and analyze current issues relating to both science and society, not just science, and may draw from religious studies, philosophy, economics, policy, law, anthropology, political science, business, and other disciplines.

ASB 311 Principles of Social Anthropology

ASB 462 Medical Anthropology: Culture and Health

ASM 348 Social Issues in Human Genetics

BIO 302 Cancer and Heart Disease

BIO 303 Radiation and Life

BIO 304 Radiation Medicine and Biology

BIO 349/HPS 332/HUM 372 Darwinian Revolution

BIO 317 Conservation Biology

BIO 411 & 412 Advanced Conservation Biology

BIO 344/ HUM 371/ HPS 311/REL 383 Origins: Evolution and Creation

BIO 394 Taking Science to the Public

BIO 427 History of Fire

CHM 107 Chemistry and Society

CSS 494 Race, Medicine, and the Body

HPS 394 Staging of Illness

JMC 445 Science Writing

SOC 334 Technology and Society

* Other Courses Related to Law and Science