

PHILOSOPHY (PHIL)

PHIL 301

Ancient Philosophy

A study of major works by Plato, Aristotle, and other important ancient philosophers.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 302

Origins of Modern Philosophy

The study of major 17th and 18th century philosophers, such as Descartes, Hobbes, Spinoza, Locke, Leibniz, Berkeley, Hume, and Kant.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 304

Judgment and Decision-Making

A philosophical and psychological examination of good reasoning, the origins of judgment errors and biases, the impact of reasoning on individuals and societies, and the methods for improving judgment.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 305

Twentieth Century Philosophy

A study of recent philosophical trends (or movements), including logical positivism, existentialism, ordinary language philosophy, etc.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 306

Rationality and Science Policy

A realistic, evidence-based look at the powers and challenges in making science policy, looking at such topics as group polarization, conspiracy theories, deference to experts and "judging from the gut". Our goal is to identify the reasoning skills and knowledge necessary in order for citizens and political officials to reason reliably about scientific matters.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 308

Philosophy and Psychology of Language

A richly illustrated examination of the evidence for the nature and origin of language, from both philosophical and psychological perspectives. The course will cover such topics as animal communication, reference, the nature of meaning, and the biological basis of language.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 311

Great Philosophers

An in-depth study of a single outstanding philosopher, chosen by the instructor. The focus of the course will be announced when the course is scheduled.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 326

Philosophy of Language

An analysis of the concept of language in both the works of philosophers and the works of linguists. The course looks into theories of linguistic meaning, sentence structure, speech acts, and the assumptions underlying research in modern linguistics.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 328

Comparative Philosophy

This course draws upon two or more widely different traditions in considering one or more topics of philosophical interest. Usually, the course will include both Western and non-Western sources. The course may be organized around a given philosophical issue or may compare and contrast two or more thinkers from the relevant traditions.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 332

Political Philosophy

Examination of different conceptions of legitimate political authority; includes discussion of ideas of social justice, natural rights, sovereignty.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 333

Social Philosophy

A systematic examination of contemporary Social issues such as abortion, euthanasia, war, environmental destruction, poverty, terrorism, and sexual morality.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 336

Metaphysics

Metaphysics.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 341

Philosophy of Science

Through an analysis of the concepts of explanation, theory, hypothesis, experiment, and observation, this course seeks an understanding of how the growth of scientific knowledge is possible.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 342

Philosophy of Mind

An examination of the conception of "mind" as opposed to body implications for psychology, artificial intelligence, and neuroscience.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 343

Philosophy of Social Inquiry

An examination of the methods and theories of the social sciences, especially sociology and anthropology, and their relationships to the natural sciences.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 350

Science and Method

A history of interaction between science and philosophy showing how changing conceptions of metaphysics and scientific method have influenced the development of Renaissance astronomy, nineteenth century atomic theory, ether theories, theories of geological and biological change, etc.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 351

Science and Values

This course will consider questions such as: What role should values play in scientific inquiry? Should scientists consider only epistemic or cognitive values, or should they also take into account social and cultural values? Could science be objective and make progress if it is shaped by social and cultural values?

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 360

Ethics

A study of the fundamental issues of moral philosophy.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 362

Philosophy of Law

An analysis of the concept of law and how it differs from custom, religion, and morality. The course looks into issues of judicial reasoning, the assumptions that underlie the criminal justice system and the imposition of liability, and legal ethics.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 363

Aesthetics

The philosophy of the fine arts, including an analysis of the concepts of beauty, representation, expression and the purpose of art.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 365

Philosophy of Free Speech

Analysis of the philosophical foundations of the right of free speech within the American Constitution's framework. Topics include: the philosophical underpinnings of the right of free speech, judicial review under the Constitution, selected free speech issues such as libel, defamation, speech in the workplace, pornography, flag-burning, and others.

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 370

Engineering Ethics

A study of the problems of moral and social responsibility for the engineering profession, including such topics as safety, confidentiality and government regulation.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 371

Ethics in Architecture

A study of the moral problems architects must resolve in the practice of their profession, including problems of confidentiality, candor, esthetics, and economy arising from the special responsibilities of architects to and public, client, employer, and colleagues.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 373

Business Ethics

Ethical issues relating to individual and corporate responsibility, self and governmental regulation, investment, advertising, urban problems, the environment, preferential hiring.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 **Lab:** 0 **Credits:** 3

Satisfies: Communications (C), Humanities (H)

PHIL 374**Ethics in Computer Science**

Moral problems that confront professionals in computer-related fields, including questions raised by the concept of intellectual property and its relationship to computer software, professional codes of ethics for computer use, responsibility for harm resulting from the misuse of computers.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Humanities (H)

PHIL 375**Computer Ethics**

This course focuses on the examination of ethical problems associated with computer technology and computer science. The course is conducted within the framework of philosophical ethical theories, policy and regulative issues are also discussed. The course focuses on fostering ethical decision-making when dealing with issues pertaining to privacy and confidentiality, cyber security, cybercrime, professional codes and responsibilities, intellectual property, and the impact of computers on society in general. In order to understand the vast implications of computing, students will analyze ethical dilemmas from historical and current events including, but not limited to, issues raised by AI, robots, cyborgs, and neurotechnology.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Ethics (E)

PHIL 377**Communication Law and Ethics**

This course explores ethical and legal issues concerning communication in diverse contexts, such as: the mass media - e.g. print, broadcast, and electronic; government and politics; organizational hierarchies - e.g. public and private sector workplaces; academic life - e.g. the classroom, student, and faculty affairs; and interpersonal relations - e.g. love, friendship, marriage.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Humanities (H)

PHIL 380**Topics in Philosophy**

An investigation into a topic of current interest in philosophy; which will be announced by the instructor when the course is scheduled.

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Humanities (H)

PHIL 381**Artificial Intelligence, Philosophy and Ethics**

In the course, we will discuss philosophical and ethical questions related to artificial intelligence (AI) and reflect about possible future developments. The course gives an introduction to the way ethical arguments, concepts and principles are used in debates relating to AI and robots. Topics to be discussed include: What is artificial intelligence? What is the role of algorithmic bias in hiring processes and facial recognition? What would it mean for AI to have capabilities like sentience, emotions, consciousness, or a mind? What are good rules for decision-making in self-driving cars? How do we perceive and talk about AI and robots? What is the moral and legal status of robots?.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Humanities (H)

PHIL 382**Bioethics**

How should researchers and society proceed with gene editing technologies, stem cell research, neurotechnology, human enhancement, and the challenges of climate change? In this course we will investigate ethical aspects and social implications of recent developments in the life sciences, biomedical engineering and biomedicine. The course gives an introduction to ethical theories, concepts and principles and the way ethical arguments are used in current debates relating to science and technology.

Lecture: 3 Lab: 0 Credits: 3

Satisfies: Communications (C), Ethics (E), Humanities (H)

PHIL 490**Independent Study**

Supervised individual research for advanced students. Instructor permission required.

Credit: Variable

Satisfies: Communications (C), Humanities (H)

PHIL 491**Independent Study**

Supervised individual research for advanced students. **Instructor permission required.**

Prerequisite(s): HUM 102 or HUM 104 or HUM 106 or HUM 200-299

Credit: Variable

Satisfies: Humanities (H)

PHIL 550**Science and Method**

This course serves as an introduction to the history and philosophy of science, analyzing the issues and arguments in science from ancient astronomy up through the end of the nineteenth century. It will be cross-listed with Phil 350.

Lecture: 3 Lab: 0 Credits: 3

PHIL 551**Science and Values**

This course will consider questions such as: What role should values play in scientific inquiry? Should scientists consider only epistemic or cognitive values, or should they take into account social and cultural values? Could science be objective and make progress if it is shaped by social and cultural values?.

Lecture: 3 Lab: 0 Credits: 3

PHIL 560

Ethics

A study of the fundamental issues of moral philosophy.

Lecture: 3 Lab: 0 Credits: 3

PHIL 570

Engineering Ethics

A study of moral and social responsibility for the engineering profession including such topics as safety, confidentiality, and government regulation.

Lecture: 3 Lab: 0 Credits: 3

PHIL 571

Ethics in Architecture

A study of the moral problems architects must resolve in the practice of their profession, including problems of confidentiality, candor, esthetics, and economy, arising from the special responsibilities of architects to the public, client, employer, and colleagues.

Lecture: 3 Lab: 0 Credits: 3

PHIL 573

Business Ethics

Ethical issues relating to individual and corporate responsibility, self and governmental regulation, investment, advertising, urban problems, the environment, and preferential hiring.

Lecture: 3 Lab: 0 Credits: 3

PHIL 574

Ethics in Computer Science

Moral problems that confront professionals in computer-related fields, including questions raised by the concept of intellectual property and its relationship to computer software, professional codes of ethics for computer use, and responsibility for harm resulting from the misuse of computers.

Lecture: 3 Lab: 0 Credits: 3

PHIL 580

Topics in Philosophy

An investigation into a topic of current or enduring interest in philosophy, which will be announced by the instructor when the course is scheduled. Graduate standing required.

Lecture: 3 Lab: 0 Credits: 3

PHIL 581

Artificial Intelligence, Philosophy and Ethics

In the course, we will discuss philosophical and ethical questions related to artificial intelligence (AI) and reflect about possible future developments. The course gives an introduction to the way ethical arguments, concepts and principles are used in debates relating to AI and robots. Topics to be discussed include: What is artificial intelligence? What is the role of algorithmic bias in hiring processes and facial recognition? What would it mean for AI to have capabilities like sentience, emotions, consciousness, or a mind? What are good rules for decision-making in self-driving cars? How do we perceive and talk about AI and robots? What is the moral and legal status of robots?.

Lecture: 3 Lab: 0 Credits: 3

PHIL 582

Bioethics

How should researchers and society proceed with gene editing technologies, stem cell research, neurotechnology, human enhancement, and the challenges of climate change? In this course we will investigate ethical aspects and social implications of recent developments in the life sciences, biomedical engineering and biomedicine. The course gives an introduction to ethical theories, concepts and principles and the way ethical arguments are used in current debates relating to science and technology.

Lecture: 3 Lab: 0 Credits: 3

PHIL 597

Special Problems in Philosophy

Advanced topics in the study of philosophy, in which there is special student and faculty interest. Variable Credit: 1-6 Prerequisite: Instructor permission required.

Credit: Variable

PHIL 691

Research and Dissertation

This a research hours course for PhD candidates who need to consult with a philosopher on their dissertation.

Credit: Variable