Department of Philosophy

Chair: David K Chan, PhD

The Department of Philosophy offers the Bachelor of Arts degree with a major in philosophy, as well as a minor in philosophy and course offerings for non-majors and non-minors. The department also sponsors an interdisciplinary minor in Philosophy and Law, described below.

The program for majors is built around two aims. First, the major offers study of the methods, problems, and history of philosophy. Second, it exposes the student to analysis of contemporary moral issues and philosophical puzzles. Throughout the major goal is to teach students to present and analyze critically arguments, both orally and in writing. Graduates of the department have pursued such careers as teaching, law, medicine, counseling, and business.

Further information about the department and its programs may be obtained at the department's website: www.uab.edu/philosophy.

Besides the general major, there are two other ways in which to major in philosophy at UAB:

• The Ethics Track.
• The Honors Track.

When a student first declares a major in philosophy, he or she is classified in the general path. Students remain in this path unless they request entry into the individually designed path or are successfully admitted upon request into the honors path. These requests are made of the department chair.

Students graduating in the Honors Track graduate “With Honors in Philosophy.” The Ethics Track emphasizes study in ethics, value theory, and public policy.

Bachelor of Arts with a Major in Philosophy

Requirements Hours

Philosophy Requirements

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>PHL 100</td>
<td>Introduction to Philosophy</td>
<td>30</td>
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<tr>
<td>PHL 115</td>
<td>Contemporary Moral Issues</td>
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<td>PHL 116</td>
<td>Bioethics</td>
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<td>PHL 120</td>
<td>Practical Reasoning</td>
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<td>PHL 125</td>
<td>Introduction to Ethics</td>
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<td>PHL 135</td>
<td>The Rule of Law</td>
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<td>PHL 203</td>
<td>Philosophy of Religion</td>
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<td>PHL 204</td>
<td>Philosophy and Christianity</td>
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<td>PHL 205</td>
<td>Existentialism</td>
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<td>PHL 209</td>
<td>Philosophy of Art</td>
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<td>PHL 215</td>
<td>History of Moral Philosophy</td>
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<td>PHL 216</td>
<td>Intermediate Bioethics</td>
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<td>PHL 220</td>
<td>Introduction to Symbolic Logic</td>
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<td>PHL 225</td>
<td>Environmental Ethics</td>
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<tr>
<td>PHL 230</td>
<td>Social and Political Philosophy</td>
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Total Hours 30

Grade Requirement

No course in which a grade below "C" has been earned may be counted toward the major.
Bachelor of Arts with a Major in Philosophy: Ethics Track

### Requirements

**Hours**

<table>
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<tr>
<th>Choose Four 1</th>
<th>12</th>
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<tbody>
<tr>
<td>PHL 115</td>
<td>Contemporary Moral Issues</td>
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<td>PHL 116</td>
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<td>PHL 225</td>
<td>Environmental Ethics</td>
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<td>PHL 230</td>
<td>Social and Political Philosophy</td>
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<tr>
<td>PHL 315</td>
<td>Ethics: Theories of Good and Evil</td>
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<tr>
<td>PHL 318</td>
<td>Ethics of War</td>
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<td>PHL 335</td>
<td>Philosophy of Law</td>
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<tr>
<td>PHL 435</td>
<td>Philosophy of Law</td>
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<tr>
<td>PHL 390</td>
<td>Topics in Philosophy</td>
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<td>PHL 391</td>
<td>Topics in Philosophy</td>
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<td>PHL 392</td>
<td>Topics in Philosophy</td>
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<tr>
<td>PHL 402</td>
<td>Neuroethics</td>
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**Required Capstone Course: Choose One 2**

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<td>PHL 490</td>
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**Elective Courses: Choose Five 3**

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<tr>
<td>PHL 100</td>
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<td>PHL 343</td>
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<td>PHL 348</td>
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**Total Hours**

30

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1 The department chairperson may, on a case by case basis, allow substitutions to count for required courses when deemed appropriate.

2 The department chairperson may, on a case by case basis, allow substitutions to count for required courses when deemed appropriate.

3 Any 5 philosophy courses may be chosen, so long as the student satisfies the general requirements for the philosophy major. Also, students must have 9 hours at the 400-level to graduate with this major.

### Grade Requirement

No course in which a grade below “C” has been earned may be counted toward the major.

### Proposed Program of Study for a Major in Philosophy

#### Freshman

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hours</th>
<th>Second Term</th>
<th>Hours</th>
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<tbody>
<tr>
<td>PHL 100 or 115</td>
<td>3</td>
<td>PHL 100 or 115</td>
<td>3</td>
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<tr>
<td>PHL 116</td>
<td>3</td>
<td>Any 200 level philosophy classes</td>
<td>3</td>
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<tr>
<td>PHL 120</td>
<td>3</td>
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9 | 6
Sophomore
First Term Hours Second Term Hours
Any two 200 or 300 level philosophy classes 6 Any 200 or 300 level philosophy class 3
6 3

Junior
First Term Hours Second Term Hours
Any two 300 or 400 level philosophy classes 6 One 300 and one 400 level course 6
6 6

Senior
First Term Hours
PHL 490 3
400 level course/capstone seminar 3
6

Total credit hours: 42

Minor in Philosophy

Requirements Hours
Philosophy Requirement 18
Select 18 hours from Philosophy (PHL) courses, with at least 9 hours at the 200-level or above.
Total Hours 18

A grade of “C” or better is required in all philosophy courses for the minor.

Minor in Philosophy & Law

Director: Matt King (Philosophy)

The Philosophy and Law minor provides interested students with a secondary specialization focusing upon the philosophical underpinnings of the political and legal systems of the United States as well as the modes of thought found in the legal system. Because legal argument frequently uses ideas found in moral thought, exposure to the theory or history of ethics is critical. The program may be of interest to students contemplating a career in law and in related careers, though it is not intended as a pre-law or legal studies program.

Requirements Hours
Required Philosophy Courses
PHL 135 The Rule of Law 3
PHL 230 Social and Political Philosophy 3
PHL 335 Philosophy of Law 3

Ethical Theory
Select one of the following: 3
PHL 125 Introduction to Ethics
PHL 215 History of Moral Philosophy
PHL 315 Ethics: Theories of Good and Evil

Electives 6
Select two of the following (other courses may be selected with approval of director):
CJ 230 The Judicial Process in America: An Overview
PHL 435 Advanced Topics in Philosophy of Law
PSC 330 The American Judicial Process
PSC 380 The Politics of Constitutional Law
PSC 381 The Bill of Rights

Major in Philosophy with Honors

The Philosophy Honors Program is designed for qualified, self-motivated students. It is suited for those contemplating graduate work in philosophy or in professional fields in which an honors degree is desired. Through special distribution and credit hour requirements and a directed honors thesis, honors students are prepared for in-depth philosophical research and related graduate and professional opportunity. For acceptance in Philosophy Honors Program a student must

• be a philosophy first major
• have at least sophomore standing
• have at least nine semester hours in UAB philosophy courses
• have at least a 3.5 GPA in UAB philosophy course work
• submit an application to the department (applications are available from department office)

Additional Requirements For Honors in Philosophy Degree

Course Grade and GPA Requirement
No course in which a grade below C has been earned may be counted toward the major. A 3.6 GPA in philosophy (PHL) courses is required for graduation with honors.

Requirements Hours
Ethics and Value Theory
Select two of the following: 6
PHL 115 Contemporary Moral Issues
PHL 116 Bioethics
PHL 125 Introduction to Ethics
PHL 135 The Rule of Law
PHL 215 History of Moral Philosophy
PHL 216 Intermediate Bioethics
PHL 230 Social and Political Philosophy
PHL 225 Environmental Ethics
PHL 232 Classical Political Thought
PHL 233 Modern Political Theory
PHL 315 Ethics: Theories of Good and Evil
PHL 318 Ethics of War
PHL 335 Philosophy of Law
PHL 402 Neuroethics

History of Philosophy
Select two of the following: 6
PHL 205 Existentialism
PHL 215 History of Moral Philosophy
PHL 239 Classical Thought of India China and the West
PHL 240 History of Philosophy: Socrates Plato and Aristotle
PHL 341 History of Philosophy: Descartes to Hume
PHL 342 History of Philosophy: Kant and 19th Century
PHL 343 History of Philosophy: Twentieth Century
PHL 348 American Philosophy
PHL 441 History of Philosophy: Descartes to Hume
PHL 442 Hist of PHL:Kant and 19th Cent
PHL 443 History of Philosophy: Twentieth Century
Epistemology/Metaphysics/ Philosophy of Mind/ Logic/ Philosophy of Language/Philosophy of Science

Select three of the following: 9

- PHL 270 Science, Knowledge, and Reality
- PHL 311 Philosophy of Science
- PHL 312 Philosophy of Biology
- PHL 350 Philosophy of Language
- PHL 372 Minds and Machines
- PHL 405 Epistemology: Theories of Knowledge
- PHL 408 Metaphysics
- PHL 470 Philosophical Problems in the Natural and Social Sciences

Seminar

Select one of the following: 3

- PHL 490 Philosophy Seminar
- PHL 491 Philosophy Seminar
- PHL 492 Philosophy Seminar

Philosophy Electives

Select three of the following: 9

- PHL 100 Introduction to Philosophy
- PHL 115 Contemporary Moral Issues
- PHL 116 Bioethics
- PHL 120 Practical Reasoning
- PHL 125 Introduction to Ethics
- PHL 135 The Rule of Law
- PHL 203 Philosophy of Religion
- PHL 204 Philosophy and Christianity
- PHL 205 Existentialism
- PHL 209 Philosophy of Art
- PHL 215 History of Moral Philosophy
- PHL 220 Introduction to Symbolic Logic
- PHL 225 Environmental Ethics
- PHL 230 Social and Political Philosophy
- PHL 232 Classical Political Thought
- PHL 233 Modern Political Theory
- PHL 239 Classical Thought of India China and the West
- PHL 240 History of Philosophy: Socrates Plato and Aristotle
- PHL 270 Science, Knowledge, and Reality
- PHL 290 Topics in Philosophy
- PHL 291 Topics in Philosophy
- PHL 292 Topics in Philosophy
- PHL 314 Philosophy and Feminism
- PHL 315 Ethics: Theories of Good and Evil
- PHL 318 Ethics of War
- PHL 335 Philosophy of Law
- PHL 341 History of Philosophy: Descartes Hume
- PHL 348 American Philosophy
- PHL 350 Philosophy of Language
- PHL 372 Minds and Machines
- PHL 375 Philosophy of Mind
- PHL 390 Topics in Philosophy
- PHL 391 Topics in Philosophy
- PHL 392 Topics in Philosophy
- PHL 393 Topics in Philosophy
- PHL 394 Topics in Philosophy
- PHL 395 Topics in Philosophy
- PHL 396 Topics in Philosophy
- PHL 397 Topics in Philosophy
- PHL 398 Topics in Philosophy
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- PHL 405 Epistemology: Theories of Knowledge
- PHL 408 Metaphysics
- PHL 435 Advanced Topics in Philosophy of Law
- PHL 442 Hist of PHL Kant and 19th Cent
- PHL 443 History of Philosophy: Twentieth Century
- PHL 470 Philosophical Problems in the Natural and Social Sciences
- PHL 490 Philosophy Seminar
- PHL 491 Philosophy Seminar
- PHL 492 Philosophy Seminar
- PHL 493 Philosophy Seminar
- PHL 494 Philosophy Seminar
- PHL 499 Directed Studies

Honors Thesis

- PHL 499 Directed Studies

Total Hours 36

* To register for this course, contact the Department of Philosophy

Courses

PHL 100. Introduction to Philosophy. 3 Hours.
Introductory survey of philosophy, its nature, methods and problems. Topics typically include, among others, existence of God, freedom, knowledge, right and wrong. Classical and/or contemporary readings. This course meets the Core Curriculum requirements for Area II: Humanities.

PHL 115. Contemporary Moral Issues. 3 Hours.
Survey of contemporary moral problems and dilemmas; introduction to methods and concepts of moral philosophy. Topics may include abortion, euthanasia, capital punishment, economic justice, homosexuality, animal rights, and respect for nature. Ethics and Civic Responsibility are significant components of this course. This course meets the Core Curriculum requirements for Area II: Humanities.

PHL 116. Bioethics. 3 Hours.
Moral problems and dilemmas in medicine and health professions; elementary methods and concepts of moral philosophy. Problems typically include, among others, AIDS and human and animal experimentation. Ethics and Civic Responsibility are significant components of this course. This course meets the Core Curriculum requirements for Area II: Humanities.

PHL 120. Practical Reasoning. 3 Hours.
Survey of skills in critical thinking and scientific reasoning, including the ability to identify different kinds of arguments, recognize common fallacies of reasoning, and evaluate analogical, causal, and statistical arguments. Quantitative Literacy is a significant component of this course. This course meets the Core Curriculum requirements for Area II: Humanities.

PHL 125. Introduction to Ethics. 3 Hours.
Elements of moral philosophy. Moral objectivity; connections among morality, rationality, and religion; nature and significance of moral value. This course meets the Core Curriculum requirements for Area II: Humanities.
PHL 135. The Rule of Law. 3 Hours.
Critical examination of legal institutions and processes. Role (and history) of legal institutions within political framework. Covers topics such as the duty to obey the law, civil disobedience, theories of punishment, torts, and contracts. Ethics and Civic Responsibility are significant components of this course.

PHL 203. Philosophy of Religion. 3 Hours.
Religion; its nature, justification, and significance. God, evil, religious experience, faith, and reason. This course meets the Core Curriculum requirements for Area II: Humanities.

PHL 204. Philosophy and Christianity. 3 Hours.
What Christians believe and why they believe it; foundations of Christian philosophical thought. Christian concepts of God, Christ, salvation, atonement, faith, and ethics.

PHL 205. Existentialism. 3 Hours.
What Existentialists believe and why they believe it; foundations of Existentialist philosophical thought. Existentialist concepts of freedom, commitment, anxiety, and authenticity.

PHL 207. Meaning of Life: Perspectives. 3 Hours.
This course brings the techniques of philosophy to bear on some of life's most important questions. In particular we examine a variety of answers to the following questions: What is the meaning of life? Can humans have meaningful lives? Is meaning just a matter of subjective satisfaction, or is more required? What makes death a bad thing? Is death bad for the person who dies? What would immortality be like? Would immortality be a good thing?

PHL 209. Philosophy of Art. 3 Hours.
This course is a philosophical exploration of art, aesthetic expression, appreciation and the role of inspiration. We will explore the artistic expressions of various cultures and time periods searching for commonality and difference. We will examine the views about the nature of art not only of philosophers but of artists themselves.

PHL 215. History of Moral Philosophy. 3 Hours.
Socrates to present, focusing on historical development of moral tradition that has shaped Western society. Plato, Aristotle, Aquinas, Hobbes, Hume, Kant, Mill, Nietzsche, and others.

PHL 216. Intermediate Bioethics. 3 Hours.
An in-depth examination of selected issues in Bioethics. Usually 3-4 topics will be selected from the general areas of Death and Dying, Ethical Issues at the Beginning of Human Life, Research Ethics, Justice and Medical Finance, Genetics, and the Doctor-Patient Relationship.

PHL 220. Introduction to Symbolic Logic. 3 Hours.
Modern theory of deductive inference. Emphasis on recognizing valid forms of reasoning. Truth-function theory and some beginning concepts of quantification theory. Quantitative Literacy is a significant component of this course.

PHL 225. Environmental Ethics. 3 Hours.
Environmental ethics examines questions concerning the human impact on nature and looks at the social, historical and political forces which have given rise to environmental problems. We will consider whether we have moral obligations to other animals and whether we have direct or only indirect duties to the natural world. We will look at our relationships to food and consider the rise of genetically modified organisms. We will discuss whether there is such a thing as “optimum pollution” and whether our current practices are socially just. We will address specific problems such as globalization, climate change, sustainability and the loss of biodiversity. In addition we will consider the environmental ethics that other cultures have developed.

PHL 230. Social and Political Philosophy. 3 Hours.
Survey of contemporary debates concerning fundamental principles of political life. Topics typically include justification of political authority, the proper role of government in society, economic justice, freedom and rights, and the free enterprise system. Ethics and Civic Responsibility are significant components of this course.

PHL 232. Classical Political Thought. 3 Hours.
Development of western political thought from Plato to Augustine. Theories of major political thinkers.

PHL 233. Modern Political Theory. 3 Hours.
Development of Western political thought from the early modern era to contemporary debates in works of Machiavelli to Mill. Theories of major political thinkers.

PHL 239. Classical Thought of India China and the West. 3 Hours.
Conceptions of self, society, and natural world.

PHL 240. History of Philosophy: Socrates Plato and Aristotle. 3 Hours.
Origins and development of Western philosophic tradition, with emphasis on writings of Plato and Aristotle. Concepts of knowledge, reality, and the good life.

PHL 270. Science, Knowledge, and Reality. 3 Hours.
Science; its nature, scope, and significance. Scientific reasoning; science as social institution; ethical issues in science.

PHL 290. Topics in Philosophy. 3 Hours.
In-depth examination of one or more problems, authors, or ideas of historical or current interest.

PHL 291. Topics in Philosophy. 3 Hours.
In-depth examination of one or more problems, authors, or ideas of historical or current interest.

PHL 292. Topics in Philosophy. 3 Hours.
In-depth examination of one or more problems, authors, or ideas of historical or current interest.

PHL 293. Topics in Philosophy. 3 Hours.
In-depth examination of one or more problems, authors, or ideas of historical or current interest.

PHL 309. Teaching Practicum. 3 Hours.
Teaching experience in philosophy courses, supervised by a faculty member. Student must have previously taken the course for which the student will work within. Permission of Department Chair required. Pass/Fail.

PHL 311. Philosophy of Science. 3 Hours.
Philosophical issues concerning the nature of science. Topics may include philosophical debates about scientific evidence; scientific explanation; empiricism, instrumentalism, and realism; the problems of induction; the demarcation problem; theories and models; laws and mechanisms; reduction; causation and explanation; observables vs. unobservables; ethical issues in science; and the social structure and impact of science.
PHL 312. Philosophy of Biology. 3 Hours.
This course surveys issues in contemporary philosophy of biology and some closely related issues. Much of the focus may be on philosophical issues concerning evolutionary biology, but issues in developmental biology, molecular biology, and immunology may also be considered. No background in biology is required. Philosophical issues involving evolution and ethics, nature vs. nurture, evolution and psychology, biological mechanisms and models, species and human nature, evolution and intelligent design, and natural selection and chance may be discussed.

PHL 314. Philosophy and Feminism. 3 Hours.
Feminism; conceptual foundations, scope, and applications. Problems typically include, among others, feminist concepts of gender, reasoning, knowledge, and ethics. Prerequisite: One previous PHL course or permission of instructor.

PHL 315. Ethics: Theories of Good and Evil. 3 Hours.
Morality; its nature, principles, and scope. Normative and critical problems in moral philosophy; moral obligation. One previous PHL course or permission of instructor required.

PHL 318. Ethics of War. 3 Hours.
This course examines the just war theory that originated in the early years of Christianity and that has developed into a secular doctrine and the basis of international law. We will discuss the issues facing this doctrine and how it applies to recent wars.

PHL 331. Family and Philosophy. 3 Hours.
This course focuses primarily on key questions about the family: Is family a useful institution? What should it look like in order to make people’s lives go better? When should the state interfere with the workings of a particular family, or families in general? Who should be able to rear children? What rights/obligations do those who rear children have? This course examines both philosophical arguments and policy or practice implications of various answers to those questions.

PHL 335. Philosophy of Law. 3 Hours.
Theories of the nature of law (natural law, realism, positivism, critical legal theory); interpretation of precedents, statutes, and Constitution; Constitutional protections such as freedom of speech and religion and the right of privacy; selected issues in criminal and civil law. Ethics and Civic responsibility are significant components of this course.

PHL 341. History of Philosophy: Descartes to Hume. 3 Hours.
Philosophy in modern era, focusing on continental rationalism and British empiricism; emphasis on theories of knowledge and reality; science, religion, and modernism. One previous PHL course or permission of instructor required. Writing is a significant component of this course.

PHL 342. History of Philosophy: Kant and 19th Century. 3 Hours.
Western philosophic tradition from Kant through end of nineteenth century. Kant, Hegel, Marx, Kierkegaard, and Mill, among others.

PHL 343. History of Philosophy: Twentieth Century. 3 Hours.

PHL 348. American Philosophy. 3 Hours.
Major philosophers of classical American period; Pierce, James, and Dewey. Origins and nature of American pragmatism. One previous PHL course or permission of instructor required.

PHL 350. Philosophy of Language. 3 Hours.
Language; its nature, structure, and uses. Reference, meaning, communication, and interpretation; Russell, Wittgenstein, Chomsky, and Quine, among others. One previous PHL course or permission of instructor required.

PHL 372. Minds and Machines. 3 Hours.
Artificial intelligence; its philosophical foundations and implications. Topics may include mind-body problem, nature of intelligence, machine models of mind, computational processes, and mental representation. One previous PHL course or permission of instructor required.

PHL 375. Philosophy of Mind. 3 Hours.
Mind; its nature, forms, and functions. Topics may include: concepts of mind/body, consciousness, rationality, and personal identity; free will. One previous PHL course or permission of instructor required. Writing is a significant component of this course.

PHL 390. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 391. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher. One previous PHL course or permission of instructor required.

PHL 392. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher. One previous PHL course or permission of instructor required.

PHL 393. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 394. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 395. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.
PHL 396. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 397. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 398. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 399. Topics in Philosophy. 3 Hours.
This course is a seminar whose content may be different each time it is taught. It provides instructors with the opportunity to deal with topics that may not be considered in any other course or which may be treated in another course but only at an introductory level. Topics may include: special topics in some area of philosophy, interdisciplinary issues, and important work or works by a great philosopher.

PHL 400. Ethical Issues. 3 Hours.
Ethical issues related to neuroscience and other sciences of the mind. Topics typically include: privacy and side effects of brain technologies; neuroscientific threats to free will; moral responsibility and mental illness; emotion and reason in moral judgment; cognitive enhancement and personality change; ethically sound research practices. A previous course in Philosophy is recommended. Ethics and Civic Responsibility are significant components of this course.

PHL 401. Epistemology: Theories of Knowledge. 3 Hours.
Human knowledge; its nature, sources, and limits. Concepts of truth, objectivity, evidence, and belief. Two previous PHL courses or permission of instructor required. Writing is a significant component of this course.

PHL 402. Metaphysics. 3 Hours.
Reality; its basic elements, principles of existence and identity, and appearance and reality. Concepts of cause, matter, mind, realism, and anti-realism. Two previous PHL courses or permission of instructor required.

PHL 403. History of Philosophy: Descartes to Hume. 3 Hours.
Philosophy in modern era, focusing on Continental rationalism and British empiricism; emphasis on theories of knowledge and reality; science, religion, and modernism. Writing is a significant component of this course.

PHL 404. History of Philosophy: Kant and 19th Cent. 3 Hours.
Western philosophical tradition from Kant through end of nineteenth century. Kant, Hegel, Marx, Kierkegaard, and Mill, among others. One previous PHL course or permission of instructor required.

PHL 405. History of Philosophy: Twentieth Century. 3 Hours.
Major movements and problems of twentieth century philosophy. Moore, Russell, Wittgenstein, and Quine, among others. Two previous PHL courses or permission of instructor required.

PHL 406. Philosophical Problems in the Natural and Social Sciences. 3 Hours.
Nature and uses of science. Topics may include: concepts of explanation, confirmation, scientific law, and theory; special problems in sciences. Two previous PHL courses or permission of instructor required.

PHL 407. Philosophy Seminar. 3 Hours.
In-depth survey of either a topic or individual author of current interest. A systematic survey using previous course work in the main areas of philosophy to produce a substantial paper. Emphasis on detailed analysis of the structure of arguments and standards for empirical evidence where relevant. Proper standards for citation and attribution. Course fulfills capstone requirement for Seniors.

PHL 408. Philosophy Seminar. 3 Hours.
In-depth survey of either a topic or individual author of current interest. A systematic survey using previous course work in the main areas of philosophy to produce a substantial paper. Emphasis on detailed analysis of the structure of arguments and standards for empirical evidence where relevant. Proper standards for citation and attribution. This course fulfills the capstone requirement for seniors.

PHL 409. Philosophy Seminar. 3 Hours.
In-depth survey of either a topic or individual author of current interest. A systematic survey using previous course work in the main areas of philosophy to produce a substantial paper. Emphasis on detailed analysis of the structure of arguments and standards for empirical evidence where relevant. Proper standards for citation and attribution. This course fulfills the capstone requirement for seniors.

PHL 410. Philosophy Seminar. 3 Hours.
In-depth survey of either a topic or individual author of current interest. A systematic survey using previous course work in the main areas of philosophy to produce a substantial paper. Emphasis on detailed analysis of the structure of arguments and standards for empirical evidence where relevant. Proper standards for citation and attribution. This course fulfills the capstone requirement for seniors.

PHL 411. Philosophy Seminar. 3 Hours.
In-depth survey of either a topic or individual author of current interest. A systematic survey using previous course work in the main areas of philosophy to produce a substantial paper. Emphasis on detailed analysis of the structure of arguments and standards for empirical evidence where relevant. Proper standards for citation and attribution. This course fulfills the capstone requirement for seniors.
PHL 499. Directed Studies. 1-3 Hour.
Special arrangement opportunity for in-depth study. Permission of Instructor Only.