Website (http://www.northeastern.edu/cssh/philosophy/)

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Philosophy addresses questions and theories related to morality, society, religion, and the natural and social sciences. Coursework in philosophy provides students with an understanding of the methods and traditions of philosophical thought, as well as with opportunities to critically and collaboratively reflect on the nature of the world and the human situation in it. Through readings, discussion, and writing, students examine questions concerning the validity of moral judgments, political ideas, and scientific theories, as well as questions about values and policy in such areas as law, medicine, environment, and technology. Coursework in philosophy significantly strengthens study in other areas. The major emphasizes development of analytic, reasoning, and communication abilities, and it is designed to enable students to tailor it to their particular interests.

Religious studies offers students the opportunity to acquire an understanding of religious experience within its social, historical, literary, and political context. Courses in religious studies examine specific religious traditions such as Judaism, Islam, and Hinduism, and using a comparative approach they explore themes across faith traditions. The religious studies major at Northeastern emphasizes the lived religious experience, or how religion permeates and impacts people's lives through everything from politics and economics to fashion, relationships, and music. Through the major, students have the opportunity to study a range of religions and a variety of methods of understanding the key dimensions of religious life.

Information on experiential learning opportunities, student life, and department faculty can be found at the department website (http://www.northeastern.edu/cssh/philosophy/).

Academic Progression Standards
A minimum cumulative grade-point average of 2.000 is required to remain in good standing in the major.

The Philosophy Major
The department offers five ways to major in philosophy: the standard major, the concentration in law and ethics, the concentration in ethics, the concentration in formal methods (e.g., game theory, social choice theory, and logic), and the concentration in religious studies. More information on these can be found on the program page.

Major in Religious Studies
The religious studies major is designed to introduce students to a wide variety of religious experience and expression in the world. Through this major, students are exposed to the basic features of the world's religions and the ethical systems that accompany them. Students also have an opportunity to explore diverse methodological approaches to the study of religion.

Combined Majors
The analytical and critical skills gained from the study of philosophy are a valuable complement to any other area of study. So, too, is having an understanding of the history of ideas and of alternative world views and value systems. For this reason, the department offers combined majors with political science, economics, physics, environmental studies, history, English, computer science, behavioral neuroscience, criminal justice, and media and screen studies. Details regarding these majors can be found on the program pages.

The combined majors in religious studies bring together knowledge of religious traditions, theology, and practice; awareness of religious experience within its social, historical, literary, and political contexts; and methods of understanding the key dimensions of religious life with other areas of study in which religion plays a large role. Current combined majors include history and religious studies, international affairs and religious studies, religious studies and Africana studies, and Jewish studies and religion. More information on these majors can be found on the program pages.

Preapproved Template Programs in Philosophy and in Religious Studies
The Department of Philosophy and Religion offers preapproved combined major templates in philosophy and religious studies. Each template may be paired with another preapproved template to create a combined major. To see a list of current preapproved templates, visit the combined majors webpage (https://registrar.northeastern.edu/article/combined-majors/).

Students may request such a combined major via the Combined Major Approval form (https://registrar.northeastern.edu/article/combined-majors/), which requires approval by both disciplines/colleges together with an approved curriculum. For additional information on the preapproved template program, see “Student-Requested Combined Major (https://registrar.northeastern.edu/article/combined-majors/).” For template program requirements, visit the myNortheastern web portal (https://my.northeastern.edu/), click on the “Self-Service” tab, then on “My Degree Audit.”

Minors
The Department of Philosophy and Religion offers minors in philosophy and religious studies, as well as popular minors in ethics and information ethics. Each of these minors is structured to be highly flexible and to complement study in other majors, while also providing depth of knowledge in philosophy, religion, and ethics. Information on these minors can be found on the program pages.

Programs
Bachelor of Arts (BA)
- Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-philosophy–ba/)
- Religious Studies (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-philosophy/religious-studies-ba/)
- English and Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/english/english-philosophy-ba/)
- Environmental Studies and Philosophy (http://catalog.northeastern.edu/undergraduate/science/marine-environmental/environmental-studies-philosophy-ba/)
• History and Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/history/history-philosophy-ba/)

• History and Religious Studies (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/history/history-religious-studies-ba/)

• International Affairs and Religious Studies (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/international-affairs-religious-studies-ba/)

• Jewish Studies and Religion (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/jewish-studies/jewish-studies-religion-ba/)

• Media and Screen Studies and Philosophy (http://catalog.northeastern.edu/undergraduate/arts-media-design/communication-studies/media-screen-studies-philosophy-ba/)

• Political Science and Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/political-science/political-science-philosophy-ba/)

• Religious Studies and Africana Studies (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-religion/religious-studies-africana-studies-ba/)

Bachelor of Science (BS)

• Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-religion/philosophy-bs/)

• Behavioral Neuroscience and Philosophy (http://catalog.northeastern.edu/undergraduate/science/behavioral-neuroscience/behavioral-neuroscience-philosophy-bs/)

• Computer Science and Philosophy (http://catalog.northeastern.edu/undergraduate/computer-information-science/computer-information-science-combined-majors/computer-science-philosophy-bs/)

• Criminal Justice and Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/criminology-criminal-justice/criminal-justice-philosophy-bs/)

• Economics and Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/economics/economics-philosophy-bs/)

• Physics and Philosophy (http://catalog.northeastern.edu/undergraduate/science/physics/physics-philosophy-bs/)

• Political Science and Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/political-science/political-science-philosophy-bs/)

• Politics, Philosophy, and Economics (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/interdisciplinary/politics-philosophy-economics-bs/)

Minor

• Information Ethics (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-religion/information-ethics-minor/)

• Philosophy (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-religion/philosophy-minor/)

• Religious Studies (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-religion/religious-studies-minor/)

• Ethics (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/philosophy-religion/ethics-minor/)

Accelerated Programs

See Accelerated Bachelor/Graduate Degree Programs (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/accelerated-bachelor-graduate-degree-programs/#programstext)

Courses

Philosophy Courses

Search PHIL Courses using FocusSearch (http://catalog.northeastern.edu/class-search/?subject=PHIL)

PHIL 1000. Philosophy at Northeastern. 1 Hour.

Intended for freshmen in the College of Social Sciences and Humanities. Introduces freshmen to the liberal arts in general; familiarizes them with their major; helps them develop the academic skills necessary to succeed (analytical ability and critical thinking); provides grounding in the culture and values of the University community; and helps them develop interpersonal skills—in short, familiarizes students with all skills needed to become a successful university student.

PHIL 1101. Introduction to Philosophy. 4 Hours.

Introduces students to philosophy by acquainting them with the theories and arguments of classical and contemporary philosophers and by teaching skills of constructing and analyzing arguments. Emphasizes philosophical inquiry. Topics include the basis of morality, free will vs. determinism, the existence of God, the problem of suffering, and the nature of knowledge.

PHIL 1102. Introduction to Contemporary Moral Issues. 4 Hours.

Focuses on current controversial issues and moral debates. Specific topics vary but include subjects like abortion, euthanasia, global poverty, economic justice, affirmative action, gender relations, animal rights, the environment, the death penalty, war, cloning, and same-sex marriage. Offers an opportunity to learn to apply both the methods of philosophical analysis and various ethical and political theories to these controversies.

PHIL 1104. Goddesses, Witches, Saints, and Sinners: Women in Western Religions. 4 Hours.

Introduces and examines the theory that Western religions were originally goddess centered through analyses of image, text, and ritual in the ancient world. Explores scholarship about the patriarchalization of these primal religions. Includes a consideration of scripture such as the Hebrew Bible, Greek Testament, and Qu’ran, as well as noncanonical texts. PHIL 1104 and WMNS 1104 are cross-listed.

PHIL 1105. Science and Pseudoscience. 4 Hours.

Examines the distinction between science and pseudoscience, how scientific theories change over time, the limits of scientific explanation, and whether or not scientific practice is rational and objective. What makes a theory scientific? Does culture influence scientific reasoning? What separates Einstein’s theory of relativity and astrological horoscopes? Covers a variety of topics in the history of science such as the Copernican revolution and the practice of psychoanalysis. Also covers contemporary issues regarding the scientific status of IQ tests, intelligent design theory, and others.

PHIL 1106. Ethics and Politics of Work. 2 Hours.

Offers students an opportunity to explore the ethical challenges people face as employees, managers, founders, business owners, board members, stockholders, and clients. Aims to identify a set of ethical challenges people in these positions face. Explores how ethical and political theory helps us to understand and perhaps even resolve questions such as what it means to work ethically and the political dimensions of our working lives. Introduces philosophical tools for making sense of the differences between individual and collective responsibilities people have within both their workplace and their political communities.
PHIL 1110. Introduction to Religious Studies. 4 Hours.
Examines the methods, disciplines, and theories employed in the academic study of religion. Focuses on major theories of religion employed in the discipline of religious studies, including historical, psychological, anthropological, and sociological approaches. Introduces students to the primary methods of research in the academic study of religion.

PHIL 1111. Introduction to World Religions. 4 Hours.
Offers a historical and thematic overview of the most widely recognized religions in the world today: Christianity, Judaism, Islam, Hinduism, and Buddhism. Focuses on the formative periods and historical developments of the great religions, ritual practices, and the differing ways in which they answer the fundamental religious questions. Considers ways in which religious practitioners have attempted to understand the nature of the world, human society, and a person’s place within them.

PHIL 1112. Debating Ethical Controversies. 4 Hours.
Introduces students to the fundamentals of moral theory; ethical reasoning; social and political philosophy; as well as theories of social, political, and institutional change. Emphasizes in-depth ethical analysis and evaluation of the issues studied, their social and historical sources and context, as well as the way in which responses to them can and should lead to institutional and policy changes. Offers students an opportunity to be selected for an off-campus competitive debate experience. This course is modeled after the Intercollegiate Ethics Bowl debates on current social and ethical issues.

PHIL 1115. Introduction to Logic. 4 Hours.
Covers the fundamentals of (formal) deductive and inductive logic. Begins with a thorough treatment of Boolean (i.e., truth-functional or propositional) logic, which provides the foundation for both mathematical and statistical reasoning. Discusses various applications of Boolean logic, including the reconstruction and evaluation of (natural language) deductive arguments. Covers inductive-logical reasoning, such as the fundamentals of the probability calculus and its applications to inductive (ampliative) inference. Offers students an opportunity to understand both deductive (e.g., mathematical) and inductive (e.g., statistical) reasoning.

PHIL 1120. Understanding the Bible. 4 Hours.
Introduces students to the Old and New Testaments of the Bible in its social, political, and cultural contexts.

PHIL 1130. Ethics: East and West. 4 Hours.
Focuses on how traditions imagine the moral life in cross-cultural contexts. Topics may include ideals of human flourishing, notions of virtue and vice, and conceptions of self and community. Offers students an opportunity to learn methods of philosophical analysis and argumentation in cross-cultural contexts.

PHIL 1133. Selling Spirituality. 4 Hours.
Focuses on two popular practices—yoga and mindfulness—to explore the ethics of Western commodification of Eastern spiritual practices. Topics include whether cultural appropriation applies to spiritual/religious borrowings; debates over whether yoga or meditation are properly understood as religious, philosophical, or something else; and how and to whom these practices are marketed. Includes readings, informal and formal research and writing assignments, and experiential mindfulness learning assignments.

PHIL 1135. Philosophical Problems of Law and Justice. 4 Hours.
Focuses on general questions about the law: What is the nature and proper scope of the law? How should the law be enforced and are there alternatives to punishment? How can laws be properly interpreted? Examples of legal controversies are related to the theories studied.

PHIL 1145. Technology and Human Values. 4 Hours.
Studies philosophy of technology, as well as ethics and modern technology. Considers the relationship between technology and humanity, the social dimensions of technology, and ethical issues raised by emerging technologies. Discusses emerging technologies such as biotechnology, information technology, nanotechnology, and virtual reality.

PHIL 1155. Introduction to Human Rights. 4 Hours.
Introduces human rights taught from an interdisciplinary perspective. Begins by looking at some philosophical questions around human rights. Explores what human rights are, where they come from, and what their historical and social roots are. Then looks at current human rights mechanisms in a global context, such as the functioning of the United Nations, the effectiveness of various human rights declarations, and mechanisms of transitional justice, such as the International Criminal Court. Concludes by discussing human rights issues such as genocide, women’s rights, refugees, and torture in today’s world.

PHIL 1160. Introduction to Economic Justice. 4 Hours.
Attempts to answer the questions: What is economic justice? What are the criteria by which we tell whether a society is (or is not) an economically just society? Looks at views on these issues developed by advocates of capitalism, socialism, and the welfare state.

PHIL 1162. Ethics and Philosophy through Sport. 4 Hours.
Introduces issues in ethics, epistemology, and metaphysics through sports. Each topic consists of a case study from the domain of sports in which an ethical or philosophical issue arises, paired with a classical or contemporary reading on the issue. Thus, this course uses examples from sport that exemplify core philosophical topics that arise as well in domains beyond sport. Studies justice and fairness, ability and disability, conceptual clarity/definition, individual vs. collective welfare, social goods, punishment, animal welfare, and the rationality of group identification. Uses data analysis, prediction models, and rational expectations in sports to illustrate several central issues in epistemology, including the problem of induction, counterfactual reasoning, decision theory, and game theory.

PHIL 1165. Moral and Social Problems in Healthcare. 4 Hours.
Introduces ethical theories and moral principles, and then uses these theories and principles to analyze the moral problems that arise in the medical context. Topics include euthanasia, medical paternalism, informed consent, patient confidentiality, the right to die, the ethics of medical research, abortion, the right to healthcare, distribution of scarce medical resources, and the ethical implications of health maintenance organizations.

PHIL 1170. Business Ethics. 4 Hours.
Examines ethical principles and considerations involved in making moral business decisions. Studies basic ethical viewpoints as a foundation; analyzes specific characteristics of business life through case studies and examples. Topics include corporate responsibility, employee rights, conflict of interest and roles, advertising and information disclosure, environmental issues, and self- and governmental regulations.

PHIL 1180. Environmental Ethics. 4 Hours.
Focuses on a current ecological crisis and addresses the values that underlie our concern over this crisis, whether the values at issue are anthropocentric or biocentric. Explores the ethical implications these ecological concerns have for our individual lifestyles, and for our role as members of communities.
PHIL 1185. The Ethics of Food. 4 Hours.
Introduces the ethics of food. Elucidates a wide range of ethical issues associated with food production, processing, distribution, and consumption. Offers students an opportunity to develop skills in ethics and values analysis that can be applied to evaluate food-related practices and policies. Includes topics such as the ethics of different food systems, genetically modified crops, meat eating, hunting, food security, food justice, sustainability, synthetic meat, food advertising, food safety, and foodie culture.

PHIL 1195. Research Ethics. 4 Hours.
Addresses how to engage in scientific, medical, and technological research in an ethically responsible manner. Research is crucial to understanding social, environmental, and health problems, as well as to developing effective responses to them. If the paradigm of responsible research is too restrictive, the benefits of scientific progress and technological innovation can be delayed or unrealized. At the same time, researchers have a responsibility to protect research subjects, to appropriately engage with members of the community, and to avoid behaving in ways that undermine scientific research in the long run. Explores the many ethical dimensions of research, and introduces students to the ethical foundations and controversies that are central to developing appropriate ethical frameworks for engaging in research.

PHIL 1220. The Meaning of Death. 4 Hours.
Offers an inquiry into different philosophical and religious perspectives on death and life after death, including an examination of some powerful contemporary accounts of personal confrontation with death along with investigations into attitudes toward death in other traditions (for example, Hinduism and Buddhism).

PHIL 1230. Sound, Music, and Religion. 4 Hours.
Explores the relationship between religion, sound, and musical expression using the lenses of gender studies, cultural studies, and performance theory. Emphasizes the interpretive and symbolic understandings of sonic expressions of religiosity, including chanting, mantra use, choir and congregational singing, and speaking in tongues. Seeks to familiarize students with some of the key sonic expressions within the Christian, Islamic, Hindu, and Buddhist traditions; to explore the methods of studying musical and sonic theology; and to analyze these traditions’ own debates about the use of sound and music in religious practice.

PHIL 1260. Apocalypticism in Film. 4 Hours.
Begins with an investigation of biblical texts that give rise to apocalypticism, definitions of apocalypticism, and an introductory exploration of the various ways in which apocalypticism has manifested itself in Western culture. Examines the diverse and changing presentation of apocalypticism in film and includes titles such as 'The Book of Eli,' 'The Day the Earth Stood Still,' 'Independence Day,' 'The Seventh Seal,' and 'Blade Runner.'

PHIL 1270. Judaism, Christianity, and Islam: Abrahamic Religions. 4 Hours.
Introduces the three major religious traditions: Judaism, Christianity, and Islam, sometimes called "Abrahamic traditions," as they all claim a special relationship with the biblical figure Abraham. Explores the foundation narratives, doctrines, rituals, and ethics of these three traditions, independently and in relation to each other. Focuses on how these traditions adapted to specific cultural and historical contexts. Offers students firsthand experience of the complex issues involved in the academic study of religion in comparative context.

PHIL 1271. Sex in Judaism, Christianity, and Islam. 4 Hours.
Explores approaches to gender, social organization of sexuality and gender, sexual ethics, and marriage in Judaism, Christianity, and Islam. Explores various sources within each tradition that serve as normative foundations, contemporary cultural and sociological dynamics that challenge those foundations, and psychological/existential considerations for understanding the general nature of human sexuality. Addresses how these traditions understand gender and gender roles, seek to shape and control interactions between men and women, regulate sexual relations outside of and within marriage, view sexuality education, regard homosexuality, and examine historical and contemporary approaches to marriage, divorce, and parenting. PHIL 1271 and WMNS 1271 are cross-listed.

PHIL 1272. Contemporary Religious Ethics. 4 Hours.
Examines the ethical systems emerging from various religions. Includes Eastern religions with an emphasis on the Abrahamic religions (Judaism, Christianity, and Islam) and the different stances taken within the branches of each religion. Explores, for example, different perspectives among various types of Christianity, Islam, and Judaism. Examines the religious ethics of various indigenous peoples, Native Americans, Australian Aborigines, Maori, and some of the African peoples.

PHIL 1275. Hinduism, Buddhism, and Beyond: Eastern Religions. 4 Hours.
Examines Hinduism, Jainism, Theravada Buddhism, Mahayana Buddhism, Confucianism, Taoism, and Shinto within South Asia (India) and east Asia (China and Japan). Combines readings in primary source materials (the religious texts of these traditions) with secondary examinations of the historical and doctrinal developments within each tradition and region. This course intends to give students a context in which to examine the ways in which religions develop in interlocking sociocultural and political contexts and to provide a grounding in the lived experiences of these religious traditions.

PHIL 1280. Islam: Rituals, Traditions, and Debates. 4 Hours.
Explores Islam through its foundations narrative, rituals, doctrines, and ethical teachings. Presents Islam in terms of its diversity by focusing on a series of key debates in Islamic thought and practice from its early history to the present day in cross-cultural perspectives.

PHIL 1285. Jewish Religion and Culture. 4 Hours.
Explores the basic features of Judaism in the ancient, rabbinic, and modern periods. Employs an historical critical approach to the formative texts and their interpreters. Analyzes Jewish practices within specific historical contexts and discusses the ways in which practices relate to the texts and history of Judaism. Examines the rich varieties of Jewish cultural expressions. JWSS 1285 and PHIL 1285 are cross-listed.

PHIL 1290. Chinese Philosophy and Religion. 4 Hours.
Surveys the origins and development of the indigenous religious traditions of China, from the oracle bone divinations of the Shang Dynasty to the philosophical and religious traditions of Confucianism, Mohism, Yangism, Daoism, and Legalism. Identifies and elucidates those elements of ancient Chinese thought that have had the most lasting influence on the Chinese ethos and worldview. Studies the foundational texts of ancient China and also examines the relevant practices that helped to define the various traditions of thought. Focuses on how religious and philosophical ideas influenced the larger culture of Chinese life in regard to the arts, medicine, the social order, and government.
PHIL 1295. Religious Perspectives on Health and Healing. 4 Hours.
Explores aspects of the historical, religious, and cultural context for contemporary alternatives in healthcare, beginning with an examination of several examples of traditional healing practices and their accompanying religious and philosophical views about human life. Explores this “holistic” tradition in two frames of reference: the ascendancy of scientific rationalism over religion; and the takeover, by male-dominated professions, of healing functions that society has traditionally assigned to women (that is, the rise of obstetrics and the suppression of midwifery). Emphasizes major women healers of the nineteenth century. Includes some contemporary efforts at integration of scientific and traditional values in the modern healthcare system.

PHIL 1300. Knowledge in a Digital World. 4 Hours.
Examines the impact that information technologies (such as the internet, search engines, blogs, wikis, and smartphones); information processing techniques (such as big data analysis, machine learning, crowdsourcing, and cryptography); and information policies (such as privacy norms and speech restrictions) have on what we know and how much we know, as individuals and as a society. The digital world can enhance our ability to acquire knowledge by providing us with fast and cheap access to huge amounts of information. However, it can also undermine our cognitive abilities and provide us with inaccurate or misleading information. Studies normative frameworks from epistemology and ethics (such as epistemic value theory, the extended mind hypothesis, and moral rights) to evaluate these technologies and policies.

PHIL 1410. From Vodou and the Rastas to Afro-Islam: African Religions in the Americas. 4 Hours.
Explores the religions of Africa as they express themselves in the Americas in various Christian forms; in new religions such as Vodou, Santeria, and the Rastafari; and unique forms of Islam, Judaism, and Christianity. Begins by exploring indigenous African religions, then traces the forced transplantation of those religions and the way in which new religions emerge from the combination, or syncretism, of African symbols and belief and the forms of Christianity that existed in the New World when Africans arrived. To examine these religious traditions, the course draws on the methodology of comparative religion to explore the theory, practice, and symbol systems of the religions of Africa and the African Diaspora in the New World.

PHIL 1666. The Problem of Evil in Film. 4 Hours.
Seeks to answer the question, “What is evil?” Uses a variety of film genres to examine the definitions of evil in relation to concepts such as power, sin, hate, greed, envy, murder, neglect, fear, terror, tragedy, and “the Other.” Studies the problem of evil from the perspectives of religious studies and philosophy. Examines the various explanations for evil from a variety of Western religious traditions and explores the presentation of ethical dilemmas and moral theory to assess the content of a variety of films. Studies film titles such as The Dark Knight, The Exorcist, Silence of the Lambs, Frankenstein, Life Is Beautiful, Rear Window, Dr. Strangelove, Phone Booth, Crash, Star Wars, and The Wizard of Oz.

PHIL 1667. Science Fiction and Film: Moral Dilemmas and Ethical Analysis. 4 Hours.
Explores how science fiction films function as mythical cautionary tales about moral dilemmas of the twentieth and twenty-first centuries and as projections about how these dilemmas may be resolved or continue in the future. Provides a framework for an ethical analysis and examines how themes such as manifest destiny, nationalism, utopia, good vs. evil, war, and concepts of “the Other” are presented in classic and contemporary film. Also shows how science fiction film sometimes reinterprets pre-existing stories from world cultures and world religious traditions, updating earlier moral dilemmas to the contemporary situation.

PHIL 1990. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

PHIL 2001. Ethics and Evolutionary Games. 4 Hours.
Surveys the basic ideas and principles from evolutionary game theory and how they can be applied to philosophical questions about ethical and social norms. Investigates how cooperation evolves and is maintained; where our sense of fairness comes from and how it affects the way we interact with others; why individuals are altruistic; and whether there is a rational basis for our most basic social norms. Basic ethical norms can involve cooperation, altruism, mutual aid, fairness, coordination, and communication. Evolution and game theory, the formal study of social interaction, have recently been applied to these areas in order to better understand how these norms can arise naturally. Prior completion of PHIL 1115, PHIL 1215, or the NU Core requirement for mathematical/analytical thinking level 1 recommended.

PHIL 2016. The Philosophy and Ethics of Lying and Deception. 4 Hours.
Examines lying and other forms of deception in a wide range of modern contexts from advertising to politics, using different theoretical approaches. Offers students an opportunity to use philosophical and economic theories to investigate what lying is, why people lie, when and why it is wrong to lie, how we can learn from other people even though they might be lying, and how social institutions affect—and are affected by—all of this lying. In modern society, we are confronted with lies, spin, fake news, and even “BS” on a daily basis. Since these forms of deception play such a central role in human life, many philosophers—including Plato, Augustine, and Kant—have studied the ontology, ethics, epistemology, economics, and logic of lying and deception.

PHIL 2050. Information and Uncertainty. 4 Hours.
Introduces the foundations of probabilistic inference, information theory, and their uses for drawing conclusions from noisy data. Applications include diagnosing diseases with inconclusive medical tests, locating autonomous vehicles when sensors are imperfect, and how best to make inferences with incomplete or partial information. Central topics include distinguishing deductive and probabilistic inference, philosophical interpretations of probability, fundamental justifications for the rules of probability, and key concepts of information theory. Introduces analytic and mathematical methods of analysis in these cases and contemporary computational (i.e., programming) techniques for implementing and applying theories of information and probabilistic inference.

PHIL 2143. Philosophy for Children. 4 Hours.
Explores big questions in philosophy—how should one conduct oneself, what does it mean to know something, are there object values in an aesthetic domain such as art? Offers students an opportunity to learn methodologies and tools of philosophical inquiry and apply them to works of children’s literature in order to be able to facilitate philosophical discussions in the elementary school classroom. Emphasizes creating a community of inquiry and learning how to devise and communicate different answers to philosophical questions at the elementary level. Students develop lesson plans to help engage young children in philosophical discussion and reflection.

PHIL 2155. Human Rights. 4 Hours.
Offers students an opportunity to obtain a solid understanding of the political, philosophical, and legal dimensions of human rights as well as an overview of some of the current debates in human rights. Discusses the intellectual history of human rights and explores their philosophical and historical roots. Examines their legal and political dimensions and human rights laws and institutions. Explores in-depth a number of contemporary human rights issues including genocide, women’s rights, children’s rights, refugees, and torture.
PHIL 2320. Music and Religion. 4 Hours.
Explores the relationship between religion, sound, and musical expression using the lenses of gender studies, cultural studies, and performance theory. Emphasizes the interpretive and symbolic understandings of sonic expressions of religiousity, including chanting, mantra use, choir and congregational singing, and speaking in tongues. Seeks to familiarize students with some of the key sonic expressions within the Christian, Islamic, Hindu, and Buddhist traditions; to explore the methods of studying musical and sonic theology; and to analyze these traditions' own debates about the use of sound and music in religious practice.

PHIL 2301. Philosophical Problems of Law and Justice. 4 Hours.
Focuses on general questions about the law: What is the nature and proper scope of the law? How should the law be enforced and are there alternatives to punishment? How can laws be properly interpreted? Examples of legal controversies are related to the theories studied.

PHIL 2302. Philosophical Problems of War and Peace. 4 Hours.
Concentrates on ethical and philosophical issues about war and peace. Focuses on the nature and justification of war, moral questions about tactics in war, ideas for avoiding war, concepts of and strategies for attaining peace, and the morality of relations between nations.

PHIL 2303. Social and Political Philosophy. 4 Hours.
Focuses on basic questions about the nature of the state and the relationship of individuals to the state. What basis is there for individuals to obey the laws of the state? What conditions must a government meet to be legitimate? What justification can be given for democratic forms of government? Also examines what sorts of controls the state should exert over citizens, and what benefits citizens have a right to expect from the state. Includes readings from both classical and contemporary sources. Not open to freshmen students.

PHIL 2322. Responses to the Holocaust. 4 Hours.
Explores the variety of responses to the mass death brought on by the Holocaust. Examines the responses of theology and literature, as well as relevant ethical issues. Requires prior completion of one philosophy course.

PHIL 2325. Ancient Philosophy and Political Thought. 4 Hours.
Examines the philosophers of classical Greece, primarily Socrates, Plato, and Aristotle. These philosophers examined the nature of the material world, of the city, and of the person. The course takes up both the moral and political writings as well as the metaphysical writings. Devotes considerable attention to major works such as Plato's Republic. Some time is given to early Greek philosophers, to the Sophists, and to later developments. Requires written analysis of philosophical texts.

PHIL 2330. Modern Philosophy. 4 Hours.
Focuses on the hundred years between 1650 and 1750, sometimes called "the century of genius." It was a period in which philosophers reacted to the new scientific discoveries of Copernicus, Kepler, and Galileo. Out of this reaction came new ways of thinking about the nature of knowledge and the nature of reality. Focuses on such major figures as the rationalists Descartes, Leibniz, and Spinoza, and the empiricists Locke, Berkeley, and Hume. Requires prior completion of one philosophy course.

PHIL 2395. Japanese Buddhism. 4 Hours.
Surveys the major forms of Japanese Buddhism, from the earliest transmission of Buddhism to the maturation of Buddhist thought and practice during the Kamakura and Muromachi periods. Focuses not only on the major schools and figures of each period but also the ways in which Buddhism influenced and shaped Japanese culture. Examines, in particular, the formative influence of Buddhism on Japanese aesthetic sensibilities, samurai culture, and ritual. Focuses thematically on the religious practices that defined each school and how those practices were incorporated into a holistic religious vision.

PHIL 2990. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

PHIL 2991. Research Practicum. 2-4 Hours.
Involves students in collaborative research under the supervision of a faculty member. Offers students an opportunity to learn basic research methods in the discipline. Requires permission of instructor. May be repeated once for up to 4 total credits.

PHIL 3000. Interdisciplinary Methods for PPE. 4 Hours.
Trains students in interdisciplinary use of the tools of the three disciplines constituting the PPE major: Philosophy, Political Science and Economics. Through guest lectures, discipline specific research, course lecture and discussion, and a service learning opportunity that accompanies the duration of the course, students are exposed to the evaluative process through the lens of each of the disciplines that comprise the PPE major. Facilitates both an appreciation for each discipline and the value of their combination with respect to the evaluation and solution of a social issue. PPE students should plan to take this course when the majority of the major core courses are complete.

PHIL 3100. The Religious Worlds of Boston: Faith and Devotion in Urban Life. 4 Hours.
Examines the nature of religion and religious life in Boston, emphasizing the lived experience of the sacred in an urban setting. Offers students an opportunity to develop research methods based in ethnography, the analysis of texts, and the interpretation of material culture. Readings include works in the method and theory of religious studies, the practice of ethnography, and case studies of lived religion, especially those that focus on urban religion. Expect students to engage in fieldwork in Boston, examining the implicit religious dimensions of everyday life and particular religious communities. Assignments include field reports, analysis of the religious landscape of Boston, and a research paper on a designated religious community. Requires prior completion of one introductory-level course in the social sciences or humanities.

PHIL 3333. Intercollegiate Ethics Bowl Competition. 1 Hour.
Offers students an opportunity to participate as members of Northeastern's Ethics or Bioethics Bowl team. Students work with their teammates in preparing for regional and national competitions. Preparation includes devising novel arguments for each competition's cases and weekly meetings with teammates leading up to the competition where students polish their arguments, rebuttals, and questions. Culminates with the option of traveling and participating in a regional and possible national debate competition.

PHIL 3343. Existentialism. 4 Hours.
Examines existentialist philosophy in its greatest representatives, such as Kierkegaard, Nietzsche, Heidegger, Camus, and Sartre. Focuses on central themes including self-alienation, inauthenticity, authenticity, and existential experiences. Requires prior completion of two philosophy courses.
PHIL 3360. Scientific Approaches to Philosophy. 4 Hours.
Explores scientific approaches to traditional philosophical questions and to what extent these classic questions can be addressed by contemporary scientific theories and methods. Surveys recent studies in psychology and neuroscience and their relation to free will, consciousness, and the self. Examines the connections between contemporary physics and philosophical questions about determinism, causality, and the nature of reality. Considers the role of scientific methods in addressing skepticism and the connection to the theory of knowledge. Finally, explores the relevance of the social and biological sciences in answering questions about society, ethics, and morality. Requires prior completion of two philosophy and/or science courses.

PHIL 3410. Religion and Spirituality in the African Diaspora. 4 Hours.
Examines religious thought and rituals and its Diaspora in a comparative context. Topics include traditional religions, Islam, Christianity, and Judaism in Africa, and the Diaspora. Emphasizes the transformation of religions practiced in Africa when African captives were forced into the three slave trades affecting the continent of Africa: trans-Saharan, Indian Ocean, and transatlantic.

PHIL 3435. Moral Philosophy. 4 Hours.
Explores two basic questions: What sorts of things are good or bad? What actions are right or wrong? Covers major philosophical theories about the nature of morality—whether it is relative or absolute, whether it accords or conflicts with self-interest. Such classic theories as utilitarianism and Kant are examined as well as contemporary developments and debates. Requires prior completion of two philosophy courses.

PHIL 3460. Philosophy and Literature. 4 Hours.
Provides the student the opportunity to learn to recognize, appreciate, and criticize philosophical themes in literature. Includes readings from acknowledged classics by philosophical authors. Requires prior completion of two philosophy courses.

PHIL 3500. Sexuality, Gender, and the Law. 4 Hours.
Examines the legal regulation of gender and sexuality. Investigates concrete legal cases to study the history of constitutional interpretation and the current status of rights for women and sexual minorities. Focuses on important theoretical issues emerging in the writings of diverse feminist and queer legal scholars. Addresses debates over the value of conventional equality approaches in legal doctrine; equality vs. difference perspectives; ways in which legal language constructs gender and sexuality; the incorporation of sexuality and gender in ideologies of law; and the intersections of gender, sexuality, and race in legal doctrine and legal theory. PHIL 3500, POLS 3500, and WMNS 3500 are cross-listed.

PHIL 3990. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

PHIL 4390. Cults and Sects. 4 Hours.
Offers an examination of the varieties of religious experience from the perspectives of sociology and psychology of religion. Focuses on such cultic and sectarian groups as Christian Science, the American Shakers, the Unification Church, the Hare Krishna movement, and the Black Muslims. Provides students the opportunity to acquire critical investigative tools with which to analyze different religious expressions. Requires prior completion of three philosophy courses or permission of instructor.

PHIL 4393. Asian Religions in the United States. 4 Hours.
Examines challenges from Americans to Asian religions and from Asians to the American interpretations of Asian religions. Asian religions in the United States include two basic groups of believers. The first are the immigrant communities and their children who retain their religion and reinterpret this tradition in the North American setting. The second group are American converts to Asian religions who recreate the traditions to answer their needs. While no religion is static, the movement of a tradition to a new land always involves a certain amount of reinterpretation. Also explores some of the challenges of a study such as this class.

PHIL 4395. Ramayana. 4 Hours.
Examines the Ramayana, the story of Ram, Lakshmana, Sita, and Hanuman—from Ram’s exile and Sita’s abduction to the victorious battle to recapture her—one of the world’s great epics and a central religious story for Hindus. Explores the classical Sanskrit Ramayana, regional variants, subverted interpretations, and pop culture representations. From Sanskrit text recitation to ritual dance-drama performances, from comic books and a television series to Hindu nationalist politics, the Ramayana has provided a ground for debates about what it means to be a good king, what it means to be a good person, and also what it means to be Hindu. All texts are read in English. Prior knowledge about Hinduism would be very useful.

PHIL 4500. Theory of Knowledge. 4 Hours.
Focuses on questions about the nature and justification of claims to knowledge. Is there genuine knowledge? How do we tell when a belief or theory is sufficiently justified to count as knowledge? Discusses theories such as various forms of rationalism, empiricism, and skepticism. Requires careful reading of works by such influential thinkers as René Descartes, Bertrand Russell, A. J. Ayer, and T. S. Kuhn. Requires prior completion of three philosophy courses.

PHIL 4510. Philosophy of Science. 4 Hours.
Focuses on the nature of scientific method, scientific theories, and scientific explanations. Examines the central question of why science is thought to provide the most reliable account of the nature of reality. Requires prior completion of three philosophy courses (PHIL 1115 or PHIL 1215 recommended) or permission of instructor.

PHIL 4515. Advanced Logic. 4 Hours.
Studies the major results in the metatheory of first-order logic. Examines consistency, completeness, and decidability. Discusses the general notion of an effectively computable process, Church’s thesis, and the existence of unsolvable problems.

PHIL 4535. Philosophy of Mind. 4 Hours.
Seeks to show what puzzles and problems result from an honest attempt to answer these questions in a reasonable way. What is the relation between mind and body? Is the mental merely a function of bodily process and behavior, or does it somehow exist “over and above” the material? How are self-knowledge and knowledge of other minds achieved, and what is the relation between words and thoughts? Examines classical sources, such as Descartes and Locke, and contemporary sources, such as Wittgenstein and Putnam. Also seeks to arrive at some answers—however tentative or provisional—to these questions. Constantly challenges students to think and write well about these difficult subjects. Requires prior completion of three philosophy courses or permission of instructor.
PHIL 4545. Religion and Politics in South Asia. 4 Hours.
Analyzes how to think critically both about the ways religion is presented to us and the connections we make between political movements and religious groups. Explores questions such as: What could it mean for politics to be religious and for religions to be political? Are "religious conflicts" essentially religious? What is the relationship between socioeconomic movements and religion? Do religions take the blame for political movements? Focuses on two South Asian communal conflicts that are couched in terms of religious identity: the Hindu-Muslim conflicts and Hindu-Sikh conflicts. Uses primary and secondary sources to study these conflicts to analyze the workings of religious rhetoric and political rhetoric about religions.

PHIL 4547. Seminar: Apocalypticism. 4 Hours.
Designed to explore Jewish and Christian apocalypticism from the time it bursts onto the scene c. 165 BCE through its contemporary popular expressions. Begins with an in-depth look at the biblical materials contained in Daniel and Revelation, explores apocryphal and pseudepigraphal texts, and examines millenarian and messianic expectations in their historical perspectives. Requires prior completion of three philosophy courses or permission of instructor.

PHIL 4550. Philosophy of Economics. 4 Hours.
Explores the philosophy behind economics. Surveys central ideas in the foundations of economics and formal methods in economics, including utility theory, rational choice theory, game theory, and social choice. Explores applications of economic modeling to institutions, markets, and social interactions. Examines the philosophical significance of economic inquiry, including fact/value distinctions, the ideal of economic rationality, the nature of economic modeling, and the place of economics among the sciences. Requires prior completion of at least three philosophy and/or economics courses.

PHIL 4555. Philosophy of Biology. 4 Hours.
Explores the conceptual foundations of evolution, ecology, and genetics, with special attention to outstanding philosophical questions. Surveys central philosophical and theoretical issues on topics such as the units of selection, the concept and nature of evolutionary fitness, biological functions, causation, biological individuality, the concept of a species, the biology of social behavior, and the explanatory role of natural selection. Also examines the relationship between biology, the physical sciences, and the social sciences. Requires prior completion of three philosophy and/or biology courses.

PHIL 4606. Seminar: Theories and Methods in Religious Studies. 4 Hours.
Focuses on the history of the study of religion as it developed during the nineteenth and twentieth centuries. Examines readings from a wide range of foundational thinkers and contemporary scholarship to illustrate the roots of religious studies and the state of the field today. Designed to simultaneously acknowledge the interdisciplinary nature of religious studies by asking students to read in several methodological schools while allowing each student to pursue a particular school in more depth. Includes theorists from anthropology, comparative method, cultural studies, hermeneutics, history of religions, mythology, phenomenology, philosophy of religion, ritual and performance studies, sociology, psychology, and visual theology. Offers an opportunity for students to see the ways religious studies methodologies speak to each other and how they might be used to examine particular religious phenomena. Requires prior completion of 16 SH of philosophy and religion.

PHIL 4901. Topics in Philosophy Seminar. 4 Hours.
Focuses on one specific problem or issue in philosophy. Topics vary, and students may register for the course more than once. Requires prior completion of three philosophy courses. May be repeated without limit.

PHIL 4903. Seminar in Religion. 4 Hours.
Examines topics including theology, cosmogony, contemporary issues in religion, and comparative ethics. Topics vary, and students may register for the course more than once. Requires prior completion of three philosophy or religion courses. May be repeated without limit.

PHIL 4990. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

PHIL 4992. Directed Study. 1-4 Hours.
Offers independent work under the direction of members of the department on a chosen topic. Course content depends on instructor. May be repeated without limit.

PHIL 4994. Internship. 4 Hours.
Offers an opportunity for an internship. May be repeated without limit.

PHIL 5001. Global Justice. 4 Hours.
Explores the theoretical, political, and philosophical foundations of the obligations that underlie global justice. Theoretical approaches include human rights, human capabilities, cosmopolitanism, particularism, and universalism. Examines nationalism and the particular set of obligations that it generates. Following the theoretical component, the course considers social issues that arise in a global context: (1) the duties to the distant poor, (2) global philanthropy and problems of donee accountability, (3) global health and essential medicines and issues in environmental justice, and (4) issues in international law.

PHIL 5002. Ethics and Public Policy. 4 Hours.
Offers students from multiple disciplines an opportunity to obtain training in basic methodology in analytic ethics and political philosophy. Focuses on the intersection of ethical analysis and policy evaluation. Organized around different policy areas, such as energy production and distribution, urban planning, healthcare provision, criminal justice, and artificial intelligence. Engages broad issues involving the relationship between ethics and public policy, as well as the scope and limits of legitimate government authority. Looks at specific policies and policy domains and offers students multiple theoretical frameworks for approaching ethical questions embedded in those policy areas.

PHIL 5005. Information Ethics. 4 Hours.
Covers issues of justice and the public good in relation to the creation, collection, storage, analysis, processing, dissemination, and use of information. Discusses theories of justice and human rights, as well as ethical theories such as utilitarianism and principlism. Topics include intellectual and cultural property, freedom of expression, access to information, fair representation, and information privacy. Discusses how to create and use information technologies that promote individual flourishing and the public good while avoiding bias, exploitation, and manipulation.

PHIL 5010. AI Ethics. 4 Hours.
Discusses artificial intelligence and the host of ethical issues it raises: decisions turned over to machine-learning algorithms can be opaque and unfair; autonomous vehicles promise to increase safety but raise challenges for assigning responsibility for accidents; diffusion of AI is likely to transform the labor market in unpredictable ways; and the data that powers machine-learning algorithms raise questions about privacy and security. In order to realize the benefits of AI while responsibly developing and implementing it, it is necessary to identify the ethical issues at stake and work to resolve them. This course takes up the philosophical and ethical questions essential to this project.