

DEPARTMENT OF LINGUISTICS AND PHILOSOPHY

As its name suggests, the Department of Linguistics and Philosophy houses a linguistics section and a philosophy section. Though they share a number of intellectual interests and a joint undergraduate major, these two sections are administratively autonomous with separate chairpersons, faculties, admissions procedures, curricular and degree requirements, and financial aid programs.

Undergraduate Study

Bachelor of Science in Philosophy (Course 24-1)

This major (<http://catalog.mit.edu/degree-charts/philosophy-course-24-1>) is designed to provide familiarity with the history and current status of the main problems in epistemology, metaphysics, and ethics; mastery of some of the technical skills requisite for advanced work in philosophy; facility at independent philosophical study; and work at an advanced level in an allied field. A relatively large amount of unrestricted elective time is available so that students can devise programs suited to individual needs and interests.

Bachelor of Science in Linguistics and Philosophy (Course 24-2)

This major, also known as the Program in Language and Mind, aims to provide students with a working knowledge of a variety of issues that currently occupy the intersection of philosophy, linguistics, and cognitive science. Central among these topics are the nature of language, of those mental representations that we call "knowledge" and "belief," and of the innate basis for the acquisition of certain types of knowledge (especially linguistic knowledge). Students have the option of pursuing either a philosophy track (<http://catalog.mit.edu/degree-charts/linguistics-philosophy-course-24-2/#philosophytext>) or a linguistics track (<http://catalog.mit.edu/degree-charts/linguistics-philosophy-course-24-2/#linguisticstext>). Both require a core set of subjects drawn from both fields and are designed to teach students the central facts and issues in the study of language and the representation of knowledge. Each track requires, in addition, a set of subjects drawn primarily from its discipline and is designed to prepare students for graduate study either in philosophy/cognitive science or in linguistics. A coherent program of three restricted electives (drawn from one or two of the following three areas: linguistics, philosophy, or a related area) rounds out the major.

Note that students are prohibited from majoring in both 24-1 and 24-2.

Minor in Philosophy

The goal of the Minor in Philosophy is to introduce students to the methods of analytic philosophy and then to have them study a

broad range of philosophers and philosophical issues at a more sophisticated level, culminating in an advanced seminar.

The minor consists of six subjects arranged into three levels of study as follows:

Tier I

Select any introductory philosophy subject numbered 24.00 - 24.09 ¹	12
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Select one of the following logic subjects: ²	12
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24.118	Paradox and Infinity
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24.241	Logic I
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24.242	Logic II
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24.243	Classical Set Theory
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24.244	Modal Logic
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24.245	Theory of Models
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Tier II

Select three non-introductory philosophy subjects, approved by the minor advisor	36
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Tier III

24.260	Topics in Philosophy	12
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Total Units	72
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¹ Students may substitute an appropriate philosophy course subject with the permission of the minor advisor.

² Students may take a logic subject offered by another department (e.g., Mathematics) with the permission of the minor advisor.

Minor in Linguistics

The Minor in Linguistics consists of six subjects arranged in three levels of study, intended to provide students with breadth in the field of theoretical linguistics as a whole. The three levels are as follows:

Tier I

24.900	Introduction to Linguistics ¹	12
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Tier II

24.901	Language and Its Structure I: Phonology	12
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24.902	Language and Its Structure II: Syntax	12
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24.903	Language and Its Structure III: Semantics and Pragmatics	12
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Tier III

Select two of the following:	24
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24.904	Language Acquisition
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24.905[J]	Laboratory in Psycholinguistics
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24.906[J]	The Linguistic Study of Bilingualism
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24.909	Field Methods in Linguistics
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24.910	Advanced Topics in Linguistic Analysis
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24.914	Language Variation and Change	
24.915	Linguistic Phonetics	
Total Units		72

¹ 24.9000 *How Language Works* is also an acceptable option.

Graduate Study

Master of Science in Linguistics

The Department of Linguistics (<http://linguistics.mit.edu>) and Philosophy (<http://web.mit.edu/philosophy>) has an Indigenous Language Initiative program leading to a Master of Science in Linguistics. For more information about this experimental degree, visit the website or contact the program administrator (mitili@mit.edu).

Doctor of Philosophy in Linguistics

The Linguistics Section offers a demanding program leading to the degree of Doctor of Philosophy in Linguistics. The normal course of study is five years, including the writing of the dissertation. The orientation of the program is highly theoretical, its central aim being the development of a general theory that reveals the rules and laws that govern the structure of a given language and the general laws and principles that govern all natural languages. The topics that form the core of this program are the traditional ones of phonology, syntax, and semantics, but the program's interests also extend into questions of the interrelations between linguistics and other disciplines such as philosophy and logic, speech science and technology, computer science and artificial intelligence, and study of the brain and cognition.

Approximately eight students enter the program each year in a highly selective admissions process. The department does not require that applicants have taken any particular set of subjects or that they be trained in any particular discipline. Instead, applicants must present evidence that they are able to engage in serious scholarly inquiry of complex subject matter.

All students in the linguistics program must complete a set of required subjects unless they have acquired adequate preparation elsewhere. Before degree candidates begin their doctoral research, they are required to pass a comprehensive general examination, in conformity with Institute requirements.

The following subjects are normally required of all doctoral candidates in linguistics:

24.951	Introduction to Syntax	12
24.961	Introduction to Phonology	12
24.970	Introduction to Semantics	12
24.952	Advanced Syntax	12
24.962	Advanced Phonology	12
24.973	Advanced Semantics	12

24.993	Tutorial in Linguistics and Related Fields	
24.942	Topics in the Grammar of a Less Familiar Language	12
24.949[[]]	Language Acquisition I	9
24.991	Workshop in Linguistics (two terms)	12

Two additional subjects, including:

An advanced subject with research paper requirement in syntax/semantics

An advanced subject with research paper requirement in phonology/morphology

Before students begin their doctoral research, they are required to pass a comprehensive general examination that is composed of two parts. The first part is a written examination consisting of two substantial papers on topics chosen in consultation with members of the faculty. The two papers must present research on two distinct topics in two distinct subdisciplines of linguistics. The subdisciplines include phonetics, phonology, syntax, semantics, pragmatics, language acquisition, language processing, or any other area of linguistics, so long as there is a substantial theoretical-linguistic component to the papers. In conformity with Institute regulations, the second part of the examination is oral. It deals with topics treated in the candidate's written examination, but is not limited to these and probes into the candidate's competence in linguistics in general.

For more information about the PhD program requirements, visit the website (<http://web.mit.edu/philosophy/PhDprogram.html>).

Doctor of Philosophy in Philosophy

The program of studies leading to the doctorate in philosophy provides subjects and seminars in such traditional areas as logic, ethics, metaphysics, epistemology, philosophy of science, philosophy of language, philosophy of mind, aesthetics, social and political philosophy, and history of philosophy. Interest in philosophical problems arising from other disciplines, such as linguistics, psychology, mathematics, and physics, is also encouraged.

To enter the doctoral program, students must have done well in their previous academic work and must be formally accepted as candidates for the degree by the Department of Linguistics and Philosophy. Although there are no formal course requirements for admission, applicants must satisfy the committee on admissions that their preparation in philosophy and allied disciplines is sufficient for undertaking the study of philosophy at the graduate level.

Before beginning dissertation research, students are required to take two years of coursework, including a proseminar in contemporary philosophy that all students must complete in their first year of graduate study. Students are also required to

demonstrate competence in the following areas: value theory, logic, and the history of philosophy.

Interdisciplinary study is encouraged, and candidates for the doctorate may take a minor in a field other than philosophy. Options for minors include linguistics, psychology, and logic. Students who elect one of these options are expected to complete three approved graduate subjects in their minor field. There is no general language requirement for the doctorate, except in those cases in which competence in one or more foreign languages is needed to carry on research for the dissertation.

For more information about the PhD program requirements, visit the website (<http://web.mit.edu/philosophy/PhDprogram.html>).

Inquiries

Information regarding undergraduate or graduate academic programs, research activities, admissions, financial aid, and assistantships may be obtained from the Department of Linguistics and Philosophy, Room 32-D808, 617-253-9372.

Faculty and Teaching Staff

Alex Byrne, PhD
Professor of Philosophy
Head, Department of Linguistics and Philosophy

Professors

Adam Albright, PhD
Professor of Linguistics

Noam Chomsky, PhD
Institute Professor
Professor of Linguistics

Michel DeGraff, PhD
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Suzanne Flynn, PhD
Professor of Second Language Acquisition

Daniel Fox, PhD
Anshen-Chomsky Professor in Language and Thought
Professor of Linguistics

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Professor of Philosophy

Sabine Iatridou, PhD
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Michael John Kenstowicz, PhD
Professor of Linguistics

Vann McGee, PhD
Professor of Philosophy

Shigeru Miyagawa, PhD
Kochi Prefecture-John Manjiro Professor in Japanese Language and Culture
Professor Post-Tenure of Linguistics

Wayne O'Neil, PhD
Professor of Linguistics

David Pesetsky, PhD
Ferrari P. Ward Professor of Modern Languages and Linguistics
(On leave, fall)

Agustín Rayo, PhD
Professor of Philosophy
Associate Dean, School of Humanities, Arts, and Social Sciences

Norvin W. Richards, PhD
Professor of Linguistics

Roger Schwarzschild, PhD
Professor of Linguistics

Kieran Setiya, PhD
Professor of Philosophy

Bradford Skow, PhD
Laurance S. Rockefeller Professor
Professor of Philosophy

Donca Steriade, PhD
Class of 1941 Professor
Professor of Linguistics

Kai von Fintel, PhD
Andrew E. Mellon Professor in the Humanities
Professor of Linguistics
(On leave, fall)

Roger White, PhD
Professor of Philosophy

Stephen Yablo, PhD
David W. Skinner Professor
Professor of Philosophy

Associate Professors

Edward Flemming, PhD
Associate Professor of Linguistics

Martin Hackl, PhD
Associate Professor of Linguistics

Justin Khoo, PhD
Associate Professor of Philosophy

Tamar Schapiro, PhD
Associate Professor of Philosophy

Miriam Schoenfield, PhD
Associate Professor of Philosophy
(On leave)

John Haven Spencer II, PhD
Associate Professor of Philosophy

Assistant Professors

Edwin Green, PhD
Assistant Professor of Philosophy

Research Staff

Research Specialists

Leo Rosenstein, MA
Research Specialist in Linguistics and Philosophy

Professors Emeriti

James Wesley Harris, PhD
Professor Emeritus of Linguistics
Professor Emeritus of Spanish

Irene R. Heim, PhD
Professor Emerita of Linguistics

Samuel Jay Keyser, PhD
Professor Emeritus of Linguistics

Robert Stalnaker, PhD
Laurance S. Rockefeller Professor in Philosophy Emeritus

Judith Jarvis Thomson, PhD
Professor Emerita of Philosophy

Kenneth Wexler, PhD
Professor Emeritus of Psychology
Professor Emeritus of Linguistics

Philosophy

Undergraduate Subjects

24.00 Problems of Philosophy

Prereq: None
U (Fall)
3-0-9 units. HASS-H; CI-H

Introduction to the problems of philosophy- in particular, to problems in ethics, metaphysics, theory of knowledge, and philosophy of logic, language, and science. A systematic rather than historical approach. Readings from classical and contemporary sources, but emphasis is on examination and evaluation of proposed solutions to the problems.

C. Hare

24.01 Classics of Western Philosophy

Prereq: None
U (Spring)
3-0-9 units. HASS-H; CI-H

Introduction to Western philosophical tradition through the study of selected major thinkers such as Plato, Aristotle, Lucretius, Descartes, Hobbes, Leibniz, Locke, Berkeley, Hume, Kant, Nietzsche and Marx. Emphasis on changes of intellectual outlook over time, and the complex interplay of scientific, religious and political concerns that influence the development of philosophical ideas.

S. Haslanger

24.013 Philosophy and the Arts (24.130)

Prereq: None
U (Fall)
3-0-9 units. HASS-H; CI-H

Explores philosophical questions about art in general, and about the particular arts, such as literature and music. Measures the answers philosophers have proposed to these questions against our own experiences with the arts. Readings include short works of literature. Includes a museum visit with no charge to students.

B. Skow

24.02 Moral Problems and the Good Life

Prereq: None

U (Fall)

3-0-9 units. HASS-H; CI-H

Introduction to important philosophical debates about moral issues and what constitutes a good life: What is right, what is wrong, and why? How important are personal happiness, longevity, and success if one is to live a good life? When is it good for you to get what you want? To what extent are we morally obliged to respect the rights and needs of others? What do we owe the poor, the discriminated, our loved ones, animals and fetuses?

*K. Setiya***24.03 Good Food: The Ethics and Politics of Food**

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-H; CI-H

Explores the values (aesthetic, moral, cultural, religious, prudential, political) expressed in the choices of food people eat. Analyzes the decisions individuals make about what to eat, how society should manage food production and consumption collectively, and how reflection on food choices might help resolve conflicts between different values.

*S. Haslanger***24.04[] Justice**

Same subject as 17.01[]

Prereq: None

U (Fall)

3-0-9 units. HASS-H; CI-H

Introduces contemporary political thought centered around the ideal of justice and the realities of injustice. Examines what a just society might look like and how we should understand various forms of oppression and domination. Studies three theories of justice (utilitarianism, libertarianism, and egalitarian liberalism) and brings them into conversation with other traditions of political thought (critical theory, communitarianism, republicanism, and post-structuralism). Readings cover foundational debates about equality, freedom, recognition, and power.

*B. Zacka***24.05 Philosophy of Religion**

Prereq: None

U (Spring)

3-0-9 units. HASS-H; CI-H

Uses key questions in the philosophy of religion to introduce tools of contemporary philosophy. Explores what defines a god, the possibility of the existence of gods, the potential conflict between religion and science, whether morality requires a divine author, and religious tolerance.

*J. Spencer***24.06[] Bioethics**

Same subject as STS.006[]

Prereq: None

Acad Year 2018-2019: U (Fall)

Acad Year 2019-2020: Not offered

3-0-9 units. HASS-H; CI-H

Considers ethical questions that have arisen from the growth of biomedical research and the health-care industry since World War II. Should doctors be allowed to help patients end their lives? If so, when and how? Should embryos be cloned for research and/or reproduction? Should parents be given control over the genetic make-up of their children? What types of living things are appropriate to use as research subjects? How should we distribute scarce and expensive medical resources? Draws on philosophy, history, and anthropology to show how problems in bioethics can be approached from a variety of perspectives.

*A. Jaques, R. Scheffler***24.07 The Ethics of Climate Change**

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-H; CI-H

Deals with ethical questions raised by the way in which our climate is changing as a result of fossil fuel consumption. Explores the moral problems raised by these effects, the obligations of individuals and governments, the difficulties involved in dealing with uncertainty, catastrophe, and the ethics of future generations.

C. Hare, K. Setiya

24.08[J] Philosophical Issues in Brain Science

Same subject as 9.48[J]

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Fall)

3-0-9 units. HASS-H; CI-H

An introduction to some central philosophical questions about the mind, specifically those intimately connected with contemporary psychology and neuroscience. Discussions focus on arguments over innate concepts; 'mental images' as pictures in the head; whether color is in the mind or in the world; and whether there can be a science of consciousness. Explains the relevant parts of psychology and neuroscience as the subject proceeds.

E. J. Green

24.09 Minds and Machines

Prereq: None

U (Spring)

3-0-9 units. HASS-H; CI-H

Introduction to philosophy of mind. Can computers think? Is the mind an immaterial thing? Alternatively, is the mind the brain? How can creatures like ourselves think thoughts that are about things? Can I know whether your experiences are the same as mine when we both look at raspberries, fire trucks, and stoplights? Can consciousness be given a scientific explanation?

E. J. Green

24.111 Philosophy of Quantum Mechanics

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-H

Quantum mechanics is said to describe a world in which physical objects often lack "definite" properties, indeterminism creeps in at the point of "observation," ordinary logic does not apply, and distant events are perfectly yet inexplicably correlated. Examination of these and other issues central to the philosophical foundations of quantum mechanics, with special attention to the measurement problem, no-hidden-variables proofs, and Bell's Inequalities. Rigorous approach to the subject matter nevertheless neither presupposes nor requires the development of detailed technical knowledge of the quantum theory.

B. Skow

24.118 Paradox and Infinity

Prereq: None

U (Spring)

3-0-9 units. HASS-H

Presents highlights of the more technical side of philosophy. Studies a cluster of puzzles, paradoxes, and intellectual wonders - from the higher infinite to Godel's Theorem - and discusses their philosophical implications. Recommended prerequisites: 6.0001, 18.01.

A. Rayo

24.120 Moral Psychology

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-H

An examination of philosophical theories of action and motivation in the light of empirical findings from social psychology, sociology and neuroscience. Topics include belief, desire, and moral motivation; sympathy and empathy; intentions and other committing states; strength of will and weakness of will; free will; addiction and compulsion; guilt, shame and regret; evil; self-knowledge and self-deception; virtues and character traits.

E. J. Green

24.131 Ethics of Technology (New)

Prereq: None

Acad Year 2018-2019: U (Spring)

Acad Year 2019-2020: Not offered

3-0-9 units. HASS-H

Introduces the tools of philosophical ethics through application to contemporary issues concerning technology. Takes up current debates on topics such as privacy and surveillance, algorithmic bias, the promise and peril of artificial intelligence, automation and the future of work, and threats to democracy in the digital age from the perspective of users, practitioners, and regulatory/governing bodies.

A. Jaques

24.132 Workshop in Ethical Engineering (New)

Prereq: None

Acad Year 2018-2019: U (IAP)

Acad Year 2019-2020: Not offered

2-0-1 units

Students study and apply a protocol for identifying and addressing ethical issues in a computer science, software development, or other engineering project. Builds a vocabulary to advocate for and justify ethical decisions in engineering contexts. For the final project, students either apply the protocol to a project they are working on, or develop their own protocol.

E. Awad, A. Jaques, M. Phillips-Brown

24.140[J] Literature and Philosophy (New)

Same subject as 21L.452[J]

Prereq: None

U (Fall)

3-0-9 units. HASS-H

Highlights interactions between literary and philosophical texts, asking how philosophical themes can be explored in fiction, poetry, and drama. Exposes students to diverse modes of humanistic thought, interpretation, and argument, putting the tools and ideas of philosophy into conversation with those of the literary humanities. Students engage closely with selected literary and philosophical texts, explore selected topics in philosophy - such as ethics, epistemology, and aesthetics - through a literary lens, and participate in class discussion with peers and professors. Limited to 20.

M. Gubar, K. Setiya

24.200 Ancient Philosophy

Prereq: One Philosophy subject or permission of instructor

U (Spring)

3-0-9 units. HASS-H

Investigates the origins of Western philosophy in ancient Greece. Aims both to understand the philosophical questions the Greeks were asking on their own terms, and to assess their answers to them. Examines how a human being can lead a good life, the relationship between morality and happiness, our knowledge of the world around us, and the entities we need to appeal to in order to explain that world. Students taking graduate version complete additional assignments.

K. Meadows

24.201 Topics in the History of Philosophy

Prereq: One philosophy subject or permission of instructor

U (Fall, Spring)

3-0-9 units. HASS-H

Can be repeated for credit.

Close examination of a text, an author, or a theme in the history of philosophy. Can be repeated for credit with permission of the instructor and advisor.

Fall: K. Meadows Spring: T. Schapiro

24.211 Theory of Knowledge

Prereq: One philosophy subject

U (Spring)

3-0-9 units. HASS-H

Study of problems concerning our concept of knowledge, our knowledge of the past, our knowledge of the thoughts and feelings of ourselves and others, and our knowledge of the existence and properties of physical objects in our immediate environment.

J. Spencer

24.212 Philosophy of Perception (New)

Prereq: None

U (Fall)

3-0-9 units. HASS-H

In-depth examination of philosophical issues concerning perception, such as whether we see mind-independent physical objects or, alternatively, mind-dependent representations; whether perception is a source of theory-neutral observations or is affected by the perceiver's beliefs in a way that compromises the objectivity of science. Readings primarily drawn from contemporary literature in both philosophy and psychology.

J. Van Cleve

24.215 Topics in the Philosophy of Science

Prereq: One philosophy subject

U (Fall)

3-0-9 units. HASS-H

Can be repeated for credit.

Close examination of a small number of issues central to recent philosophy of science, such as the demarcation problem, causal relations, laws of nature, underdetermination of theory by data, paradoxes of confirmation, scientific realism, the role of mathematics in science, elimination of bias, and the objectivity of scientific discourse.

E. J. Green

24.221 Metaphysics

Prereq: One philosophy subject
 U (Fall)
 3-0-9 units. HASS-H

Study of basic metaphysical issues concerning existence, the mind-body problem, personal identity, and causation plus its implications for freedom. Classical as well as contemporary readings. Provides practice in written and oral communication.

S. Yablo

24.222 Decisions, Games and Rational Choice

Prereq: None
 Acad Year 2018-2019: Not offered
 Acad Year 2019-2020: U (Spring)
 3-0-9 units. HASS-H

Foundations and philosophical applications of Bayesian decision theory, game theory and theory of collective choice. Why should degrees of belief be probabilities? Is it always rational to maximize expected utility? If so, why and what is its utility? What is a solution to a game? What does a game-theoretic solution concept such as Nash equilibrium say about how rational players will, or should, act in a game? How are the values and the actions of groups, institutions and societies related to the values and actions of the individuals that constitute them?

V. McGee

24.230 Meta-ethics

Prereq: One philosophy subject or permission of instructor
 U (Spring)
 3-0-9 units. HASS-H

Considers a range of philosophical questions about the foundations of morality, such as whether and in what sense morality is objective, the nature of moral discourse, and how we can come to know right from wrong.

J. Khoo

24.231 Ethics

Prereq: One philosophy subject
 U (Fall)
 3-0-9 units. HASS-H

Systematic study of central theories in ethics, including egoism, act and rule utilitarianism, intuitionism, emotivism, rights theories, and contractualism. Discussion and readings also focus on problems associated with moral conflicts, justice, the relationship between rightness and goodness, objective vs. subjective moral judgments, moral truth, and relativism.

T. Schapiro

24.235[] Philosophy of Law

Same subject as 17.021[]
 Prereq: One Philosophy subject or permission of instructor
 U (Spring)
 Not offered regularly; consult department
 3-0-9 units. HASS-H

Examines fundamental issues in philosophy of law, such as the nature and limits of law and a legal system, and the relation of law to morality, with particular emphasis on the philosophical issues and problems associated with privacy, liberty, justice, punishment, and responsibility. Historical and contemporary readings, including court cases. Instruction and practice in oral and written communication provided.

Staff

24.236 Topics in Social Theory and Practice

Subject meets with 24.636
 Prereq: One philosophy subject or permission of instructor
 Acad Year 2018-2019: Not offered
 Acad Year 2019-2020: U (Spring)
 3-0-9 units. HASS-H

An in-depth consideration of a topic in social theory with reflection on its implications for social change. Examples of topics include race and racism; punishment and prison reform; global justice and human rights; gender and global care chains; environmentalism and industrial agriculture; bioethics, disability, and human enhancement; capitalism and commodification; and sexuality and the family. Readings draw from both social science and philosophy with special attention to the normative literature relevant to the issue. Students taking graduate version complete additional assignments.

S. Haslanger

24.237[] Feminist Thought

Same subject as 17.007[], WGS.301[]
 Subject meets with 17.006[], 24.637[]
 Prereq: None
 U (Spring)
 3-0-9 units. HASS-H

Analyzes theories of gender and politics, especially ideologies of gender and their construction; definitions of public and private spheres; gender issues in citizenship, the development of the welfare state, experiences of war and revolution, class formation, and the politics of sexuality. Graduate students are expected to pursue the subject in greater depth through reading and individual research.

E. Wood

24.241 Logic I

Prereq: None

U (Fall)

3-0-9 units. HASS-H

Introduction to the aims and techniques of formal logic. The logic of truth functions and quantifiers. The concepts of validity and truth and their relation to formal deduction. Applications of logic and the place of logic in philosophy.

*V. McGee***24.242 Logic II**

Prereq: 24.241 or permission of instructor

U (Spring)

3-0-9 units. HASS-H

The central results of modern logic: the completeness of predicate logic, recursive functions, the incompleteness of arithmetic, the unprovability of consistency, the indefinability of truth, Skolem-Löwenheim theorems, and nonstandard models.

*V. McGee***24.243 Classical Set Theory**

Prereq: 24.241 or permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-H

Introduction to the basic concepts and results of standard, i.e., Zermelo-Fraenkel, set theory, the axioms of ZF, ordinal and cardinal arithmetic, the structure of the set-theoretic universe, the axiom of choice, the (generalized) continuum hypothesis, inaccessible, and beyond.

*V. McGee***24.244 Modal Logic**

Prereq: 24.241

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Fall)

3-0-9 units. HASS-H

Sentential and quantified modal logic, with emphasis on the model theory ("possible worlds semantics"). Soundness, completeness, and characterization results for alternative systems. Tense and dynamic logics, epistemic logics, as well as logics of necessity and possibility. Applications in philosophy, theoretical computer science, and linguistics.

*V. McGee***24.245 Theory of Models**

Prereq: 24.241 or permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Fall)

3-0-9 units. HASS-H

Studies fundamental results in the model theory of the first-order predicate calculus. Includes completeness, compactness, Löwenheim-Skolem, omitting types, ultraproducts, and categoricity in a cardinal, starting with Tarski's definition of logical consequence, in terms of truth in a model.

*V. McGee***24.251 Introduction to Philosophy of Language**

Prereq: One philosophy subject

U (Fall)

3-0-9 units. HASS-H

Examines views on the nature of meaning, reference, and truth, and their bearing on the use of language in communication. No knowledge of logic or linguistics presupposed. Instruction and practice in oral and written communication provided.

*J. Khoo***24.253 Philosophy of Mathematics**

Prereq: One philosophy subject or permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Fall)

3-0-9 units. HASS-H

Philosophical issues about or related to mathematics, including the existence and nature of basic mathematical objects such as numbers and sets, how we can come to have knowledge of such objects, the status of mathematical truth, the relation of mathematics to logic, and whether classical logic can be called into question.

*V. McGee***24.260 Topics in Philosophy**

Prereq: Two subjects in philosophy

U (Fall)

3-0-9 units. HASS-H

Close examination of a single book, or group of related essays, with major significance in recent philosophy. Subject matter varies from year to year. Intended primarily for majors and minors in philosophy. Opportunities are provided for oral presentation. Students will be required to revise at least one paper in response to instructor's comments.

C. Hare

24.280 Foundations of Probability

Prereq: One philosophy subject or one subject on probability
U (Spring)
3-0-9 units. HASS-H

Topics include probability puzzles, common fallacies in probabilistic reasoning, defenses and criticisms of Kolmogorov's axiomatization, interpretations of probability (including the frequency, logical, propensity, and various subjectivist interpretations), the relation of objective chance to rational subjective credence, conditional probability, rules for updating probability, and proposals for supplementing the probability calculus with further principles.

R. White

24.292 Independent Study: Philosophy

Prereq: Any two subjects in philosophy
U (Fall)
Units arranged

Open to qualified students who wish to pursue special studies or projects. Students electing this subject must consult the undergraduate officer.

Staff

24.293 Independent Study: Philosophy

Prereq: Any two subjects in philosophy
U (Spring)
Units arranged

Open to qualified students who wish to pursue special studies or projects. Students electing this subject must consult the undergraduate officer.

Staff

24.500 Special Subject: Philosophy

Prereq: None
U (Fall, Spring)
Not offered regularly; consult department
3-0-9 units
Can be repeated for credit.

Undergraduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

24.520 Special Subject: Philosophy

Prereq: One philosophy subject or permission of instructor
U (Fall, Spring)
Not offered regularly; consult department
3-0-9 units
Can be repeated for credit.

Undergraduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

24.UR Undergraduate Research

Prereq: None
U (Fall, IAP, Spring, Summer)
Units arranged [P/D/F]
Can be repeated for credit.

Research opportunities in linguistics and philosophy. For further information, consult the departmental coordinators.

Staff

24.URG Undergraduate Research

Prereq: None
U (Fall, IAP, Spring, Summer)
Units arranged
Can be repeated for credit.

Research opportunities in linguistics and philosophy. For further information consult the departmental coordinators.

Staff

Undergraduate Seminars

24.191 Being, Thinking, Doing (or Not): Ethics in Your Life

Prereq: None
U (Spring)
2-0-4 units

Provides an opportunity to explore a wide range of ethical issues through guided discussions that are geared to equip students for ongoing reflection and action. Lectures and discussions with guest faculty, as well as attendance at on-and off-campus events, expose students to ethical problems and resources for addressing them. Encourages students to work collaboratively as they clarify their personal and vocational principles. Topics vary each term and will reflect the interests of those enrolled.

Staff

24.192 Language, Information, and Power

Prereq: One philosophy subject or permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Fall)

2-0-4 units

Explores foundational issues about language and communication by investigating different ways language and its use affects various aspects of lived experience. Topics include speech act theory, lying, propaganda, censorship, expressions of knowledge, communication in non-cooperative contexts.

J. Kho

Graduate Subjects**24.400 Proseminar in Philosophy I**

Prereq: Permission of instructor

G (Fall)

6-0-18 units

Advanced study of the basic problems of philosophy. Intended for first-year graduate students in philosophy.

A. Byrne, R. White

24.401 Proseminar in Philosophy II

Prereq: Permission of instructor

G (Spring)

6-0-18 units

Advanced study of the basic problems of philosophy. Intended for first-year graduate students in philosophy.

C. Hare, B. Skow

24.410 Topics in the History of Philosophy

Prereq: Permission of instructor

G (Fall, Spring)

3-0-9 units

Can be repeated for credit.

Intensive study of a philosopher or philosophical movement. Content varies from year to year and subject may be taken repeatedly with permission of instructor and advisor.

Fall: J. Van Cleve Spring: T. Schapiro

24.420 Ancient Philosophy

Prereq: Permission of instructor

G (Spring)

Not offered regularly; consult department

3-0-9 units

Investigates the origins of Western philosophy in ancient Greece. Aims both to understand the philosophical questions the Greeks were asking on their own terms, and to assess their answers to them. Examines how a human being can lead a good life, the relationship between morality and happiness, our knowledge of the world around us, and the entities we need to appeal to in order to explain that world. Students taking graduate version complete additional assignments.

Staff

24.500 Topics in Philosophy of Mind

Prereq: Permission of instructor

G (Spring)

3-0-9 units

Can be repeated for credit.

Selected topics in philosophy of mind. Content varies from year to year. Topics may include consciousness, mental representation, perception, and mental causation.

A. Byrne, E. J. Green

24.501 Problems in Metaphysics

Prereq: Permission of instructor

G (Fall)

3-0-9 units

Can be repeated for credit.

Systematic examination of selected problems in metaphysics. Content varies from year to year and subject may be taken repeatedly with permission of instructor and advisor.

B. Skow, J. Spencer

24.502 Topics in Metaphysics and Ethics

Prereq: Permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: G (Fall)

3-0-9 units

Can be repeated for credit.

Systematic examination of selected problems concerning the relation between metaphysics and ethics, for example questions about personal identity and its relation to issues about fairness and distribution, or questions about the relation between causation and responsibility. Content may vary from year to year, and the subject may be taken repeatedly with the permission of the instructor and the student's advisor.

Staff

24.503 Topics in Philosophy of Religion

Prereq: Permission of instructor
Acad Year 2018-2019: Not offered
Acad Year 2019-2020: G (Fall)
3-0-9 units
Can be repeated for credit.

Selected topics in philosophy of religion. Content varies from year to year. Topics may include the traditional arguments for the existence of God, religious experience, the problem of evil, survival after death, God and ethics.

A. Byrne

24.601 Topics in Moral Philosophy

Prereq: Permission of instructor
G (Spring)
3-0-9 units

Systematic examination of selected problems in moral philosophy. Content varies from year to year. Subject may be repeated only with permission of instructor and advisor.

K. Setiya

24.602 Topics in the Philosophy of Agency

Prereq: Permission of instructor
Acad Year 2018-2019: Not offered
Acad Year 2019-2020: G (Spring)
3-0-9 units
Can be repeated for credit.

Systematic examination of selected problems in the theory of agency. Content varies from year to year and subject may be taken repeatedly with permission of instructor and advisor.

T. Schapiro

24.611[*J*] Political Philosophy

Same subject as 17.000[*J*]
Prereq: Permission of instructor
Acad Year 2018-2019: G (Fall)
Acad Year 2019-2020: Not offered
3-0-9 units
Can be repeated for credit.

See description under subject 17.000[*J*].

B. Zacka

24.635 Topics in Critical Social Theory

Prereq: Permission of instructor
G (Fall)
3-0-9 units
Can be repeated for credit.

Explores topics arising within critical race theory, feminist theory, queer theory, disability studies, working class studies, and related interdisciplinary efforts - both historical and contemporary - to understand and promote social justice.

S. Haslanger

24.636 Topics in Social Theory and Practice

Subject meets with 24.236
Prereq: None
Acad Year 2018-2019: Not offered
Acad Year 2019-2020: G (Spring)
3-0-9 units

An in-depth consideration of a topic in social theory with reflection on its implications for social change. Examples of topics include race and racism; punishment and prison reform; global justice and human rights; gender and global care chains; environmentalism and industrial agriculture; bioethics, disability, and human enhancement; capitalism and commodification; and sexuality and the family. Readings draw from both social science and philosophy with special attention to the normative literature relevant to the issue. Students taking graduate version complete additional assignments.

S. Haslanger

24.637[*J*] Feminist Thought

Same subject as 17.006[*J*]
Subject meets with 17.007[*J*], 24.237[*J*], WGS.301[*J*]
Prereq: Permission of instructor, based on previous coursework
G (Spring)
3-0-9 units

See description under subject 17.006[*J*].

E. Wood

24.711 Topics in Philosophical Logic

Prereq: Permission of instructor

G (Fall, Spring)

3-0-9 units

Can be repeated for credit.

Problems of ontology, epistemology, and philosophy of language that bear directly on questions about the nature of logic and the conceptual analysis of logical theory, such as logical truth, logical consequence, and proof. Content varies from year to year and subject may be taken repeatedly upon permission of instructor and advisor.

*Fall: V. McGee, Spring: J. Khoo, S. Yablo***24.729 Topics in Philosophy of Language**

Prereq: Permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: G (Fall)

3-0-9 units

Can be repeated for credit.

Major issues in the philosophy of language. Topics change each year and subject may be taken repeatedly with permission of instructor.

*J. Khoo, V. McGee***24.805 Topics in Theory of Knowledge**

Prereq: Permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: G (Spring)

3-0-9 units

Can be repeated for credit.

Major issues in theory of knowledge. Topics change each year and subject may be taken repeatedly with permission of instructor.

*M. Schoenfeld, R. White***24.810 Topics in Philosophy of Science**

Prereq: Permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: G (Fall)

3-0-9 units

Can be repeated for credit.

Topics in the foundations of science: the nature of concepts and theories, the distinction between empirical and theoretical knowledge claims, realist and instrumentalist interpretation of such claims, and the analysis of scientific explanation. The central topic varies from year to year. Subject may be taken repeatedly with the permission of instructor and advisor.

*Staff***24.891 Independent Study: Philosophy**

Prereq: Permission of instructor

G (Fall, Spring, Summer)

Units arranged

Can be repeated for credit.

Open to qualified graduate students in philosophy who wish to pursue special studies or projects. Consult with the intended supervisor and the Chair of the Committee on Graduate Students in Philosophy before registering.

*B. Skow***24.892 Independent Study: Philosophy**

Prereq: Permission of instructor

G (Fall, Spring, Summer)

Units arranged [P/D/F]

Can be repeated for credit.

Open to qualified graduate students in philosophy who wish to pursue special studies or projects. Consult with the intended supervisor and the Chair of the Committee on Graduate Students in Philosophy before registering.

*Consult B. Skow***24.893 Dissertation Workshop**

Prereq: Permission of instructor

G (Fall, Spring)

2-0-1 units

Workshop for students working on their dissertations. Restricted to philosophy doctoral students.

*Fall: A. Rayo Spring: R. White***24.THG Graduate Thesis**

Prereq: Permission of instructor

G (Fall, IAP, Spring, Summer)

Units arranged

Can be repeated for credit.

Program of research and writing of thesis, to be arranged by the student with supervising committee.

*Staff***24.S40 Special Seminar: Philosophy**

Prereq: None

G (Fall, Spring)

Not offered regularly; consult department

3-0-9 units

Can be repeated for credit.

Graduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

24.S41 Special Seminar: Philosophy

Prereq: Permission of instructor

G (Fall, Spring)

Not offered regularly; consult department

3-0-9 units

Graduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

B. Skow

Linguistics

Undergraduate Subjects

24.900 Introduction to Linguistics

Prereq: None

U (Fall)

4-0-8 units. HASS-S; CI-H

Credit cannot also be received for 24.9000

Studies what is language and what does knowledge of a language consist of. It asks how do children learn languages and is language unique to humans; why are there many languages; how do languages change; is any language or dialect superior to another; and how are speech and writing related. Context for these and similar questions provided by basic examination of internal organization of sentences, words, and sound systems. Assumes no prior training in linguistics.

A. Albright

24.9000 How Language Works

Prereq: None

U (Spring)

4-0-8 units. HASS-S

Credit cannot also be received for 24.900

Introduces the field of linguistics as the scientific study of the human capacity for language, and its interaction with other cognitive systems. Examines specific phenomena that reveal the general laws and principles that govern the structure of all human languages, as well as the ways in which languages do differ. Topics include language acquisition and use, language change, dialects, and language technologies, with a special focus on collection and analysis of linguistic data. Assumes no prior training in linguistics.

K. von Fintel

24.901 Language and Its Structure I: Phonology

Subject meets with 24.931

Prereq: 24.900

U (Fall)

3-0-9 units. HASS-S

Introduction to fundamental concepts in phonological theory and their relation to issues in philosophy and cognitive psychology. Articulatory and acoustic phonetics, distinctive features and the structure of feature systems, underlying representations and underspecification, phonological rules and derivations, syllable structure, accentual systems, and the morphology-phonology interface. Examples and exercises from a variety of languages.

D. Steriade

24.902 Language and Its Structure II: Syntax

Subject meets with 24.932

Prereq: 24.900

U (Fall)

3-0-9 units. HASS-S

Introduction to fundamental concepts in syntactic theory and its relation to issues in philosophy and cognitive psychology. Examples and exercises from a variety of languages.

D. Fox

24.903 Language and Its Structure III: Semantics and Pragmatics

Subject meets with 24.933

Prereq: 24.900

U (Spring)

3-0-9 units. HASS-S

Introduction to fundamental concepts in semantic and pragmatic theory. Basic issues of form and meaning in natural languages. Ambiguities of structure and of meaning. Compositionality. Word meaning. Quantification and logical form. Contexts: indexicality, discourse, presupposition and conversational implicature.

L. Crnic

24.904 Language Acquisition

Prereq: 24.900 or permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-S

Covers the major results in the study of first-language acquisition concentrating on the development of linguistic structure, including morphology, syntax, and semantics. Universal aspects of development are discussed, as well as a variety of cross-linguistic phenomena. Theories of language learning are considered, including parameter-setting and maturation.

M. Hackl

24.905[J] Laboratory in Psycholinguistics

Same subject as 9.59[*J*]

Prereq: 9.00 or 24.900

U (Spring)

3-3-6 units. Institute LAB

See description under subject 9.59[*J*].

E. Gibson

24.906[*J*] The Linguistic Study of Bilingualism

Same subject as 21G.024[*J*]

Prereq: 24.900

U (Fall)

3-0-9 units. HASS-S; CI-H

Development of bilingualism in human history (from *Australopithecus* to present day). Focuses on linguistic aspects of bilingualism; models of bilingualism and language acquisition; competence versus performance; effects of bilingualism on other domains of human cognition; brain imaging studies; early versus late bilingualism; opportunities to observe and conduct original research; and implications for educational policies among others. Students participate in six online web meetings with partner institutions. Taught in English. Enrollment limited.

S. Flynn

24.908 Creole Languages and Caribbean Identities

Prereq: None

U (Spring)

3-0-9 units. HASS-S; CI-H

Caribbean Creole languages result from language contact via colonization and the slave trade. Explores creolization from cognitive, historical and comparative perspectives and evaluates popular theories about "Creole genesis" and the role of language acquisition. Also explores non-linguistic creolization in literature, religion and music in the Caribbean and addresses issues of Caribbean identities by examining Creole speakers' and others' beliefs toward Creole cultures. Draws comparisons with aspects of African-American culture.

M. DeGraff

24.909 Field Methods in Linguistics

Prereq: 24.901, 24.902, and permission of instructor

Acad Year 2018-2019: U (Fall)

Acad Year 2019-2020: Not offered

3-1-8 units. Institute LAB

Explores the structure of an unfamiliar language through direct work with a native speaker. Students complete a grammatical sketch of the phonology and syntax, work in groups on specific aspects of the language's structure, and assemble reports to create a partial grammar of the language. Provides instruction and practice in written and oral communication. Enrollment limited.

N. Richards

24.910 Advanced Topics in Linguistic Analysis

Prereq: (24.901, 24.902, and 24.903) or permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-S

Can be repeated for credit.

In-depth study of an advanced topic in phonetics, phonology, morphology, syntax or semantics, with a focus on the interfaces among these grammar components. Provides practice in written and oral communication.

S. Flynn

24.912[*J*] Black Matters: Introduction to Black Studies

Same subject as 21H.106[*J*], 21L.008[*J*], 21W.741[*J*], WGS.190[*J*]

Prereq: None

U (Spring)

3-0-9 units. HASS-A, HASS-H; CI-H

Interdisciplinary survey of people of African descent that draws on the overlapping approaches of history, literature, anthropology, legal studies, media studies, performance, linguistics, and creative writing. Connects the experiences of African-Americans and of other American minorities, focusing on social, political, and cultural histories, and on linguistic patterns. Includes lectures, discussions, workshops, and required field trips that involve minimal cost to students.

M. Degraff

24.914 Language Variation and Change

Prereq: 24.900

U (Spring)

3-0-9 units. HASS-S

Explores how linguistic systems vary across time and space. Uses case studies in particular languages to examine how language transmission and social factors shape the grammatical systems of individual speakers, and how grammar constrains variation and change. Students work in groups to analyze corpus or survey data. Provides instruction and practice in written and oral communication.

E. Flemming

24.915 Linguistic Phonetics

Subject meets with 24.963

Prereq: 24.900

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-S

The study of speech sounds: how we produce and perceive them and their acoustic properties. The influence of the production and perception systems on phonological patterns and sound change. Acoustic analysis and experimental techniques. Students taking the graduate version complete different assignments.

E. Flemming

24.916[J] Old English and Beowulf

Same subject as 21L.601[J]

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: U (Spring)

3-0-9 units. HASS-H

See description under subject 21L.601[J]. Limited to 16.

A. Bahr

24.917 ConLangs: How to Construct a Language (New)

Prereq: None

U (Fall)

3-0-9 units. HASS-S

Explores languages that have been deliberately constructed (ConLangs), including Esperanto, Klingon, and Tolkien's Elvish.

Students construct their own languages while considering phenomena from a variety of languages of the world. Topics include writing systems, phonology (basic units of speech and how they combine), morphology (structure of words), syntax (how words are put together), and semantics (the expression of meaning, and what language leaves unexpressed). Through regular assignments, students describe their constructed language in light of the topics discussed. Final assignment is a grammatical description of the new language.

N. Richards

24.918 Workshop in Linguistic Research

Prereq: (24.901, 24.902, and 24.903) or permission of instructor
U (Spring)

3-0-9 units. HASS-S

Students pursue individual research projects in linguistic analysis under the guidance of an advisor. Class meets weekly for presentation of student research and to critically discuss background reading. Focuses on developing skills in linguistic argumentation and presentation of findings. Provides practice in written and oral communication. Includes a 20-page final paper that each student presents to the class.

Staff

24.919 Independent Study: Linguistics

Prereq: None

U (Fall, Spring, Summer)

Units arranged

Can be repeated for credit.

Open to qualified students who wish to pursue special studies or projects.

Consult Department Headquarters

24.UR Undergraduate Research

Prereq: None

U (Fall, IAP, Spring, Summer)

Units arranged [P/D/F]

Can be repeated for credit.

Research opportunities in linguistics and philosophy. For further information, consult the departmental coordinators.

Staff

24.URG Undergraduate Research

Prereq: None
 U (Fall, IAP, Spring, Summer)
 Units arranged
 Can be repeated for credit.

Research opportunities in linguistics and philosophy. For further information consult the departmental coordinators.

Staff

24.S90 Special Subject: Linguistics

Prereq: 24.900 or permission of instructor
 U (Fall, Spring)
 Not offered regularly; consult department
 3-0-9 units
 Can be repeated for credit.

Undergraduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

Graduate Subjects**24.921 Independent Study: Linguistics**

Prereq: Permission of advisor
 G (Fall, Spring, Summer)
 Units arranged
 Can be repeated for credit.

Open to qualified graduate students in linguistics who wish to pursue special studies or projects.

Consult Department Headquarters

24.922 Independent Study: Linguistics

Prereq: Permission of advisor
 G (Fall, Spring, Summer)
 Units arranged [P/D/F]
 Can be repeated for credit.

Open to qualified graduate students in linguistics who wish to pursue special studies or projects.

Consult Department Headquarters

24.931 Language and Its Structure I: Phonology

Subject meets with 24.901
 Prereq: 24.900 or permission of instructor
 G (Fall)
 3-0-9 units

Meets with 24.901, but assignments differ. See description under 24.901.

M. Kenstowicz

24.932 Language and Its Structure II: Syntax

Subject meets with 24.902
 Prereq: 24.900 or permission of instructor
 G (Fall)
 3-0-9 units

Meets with 24.902, but assignments differ. See description under 24.902.

D. Fox

24.933 Language and Its Structure III: Semantics and Pragmatics

Subject meets with 24.903
 Prereq: 24.900 or permission of instructor
 G (Spring)
 3-0-9 units

Meets with 24.903, but assignments differ. See description under 24.903.

L. Crnic

24.942 Topics in the Grammar of a Less Familiar Language

Prereq: 24.951
 G (Spring)
 3-0-9 units
 Can be repeated for credit.

Students work with a native speaker of a language whose structure is significantly different from English, examining aspects of its syntax, semantics, and phonology. In the course of doing this, students will acquire techniques for gathering linguistic data from native speakers. Enrollment limited.

M. Kenstowicz, N. Richards

24.943 Syntax of a Language (Family)

Prereq: Permission of instructor
 G (Fall)
 3-0-9 units

Detailed examination of the syntax of a particular language or language family, and theories proposed in the existing literature to account for the observed phenomena.

Staff

24.946 Linguistic Theory and Japanese Language

Prereq: Permission of instructor
 Acad Year 2018-2019: Not offered
 Acad Year 2019-2020: G (Fall)
 3-0-6 units

Detailed examination of the grammar of Japanese and its structure which is significantly different from English, with special emphasis on problems of interest in the study of linguistic universals. Data from a broad group of languages studied for comparison with Japanese. Assumes familiarity with linguistic theory.

S. Miyagawa

24.947 Language Disorders in Children

Prereq: None
 G (Spring)
 3-0-9 units

Reading and discussion of current linguistic theory, first language acquisition and language disorders in young children. Focus on development of a principled understanding of language disorders at the phonological, morphological and syntactic levels. Examines ways in which these disorders confront theories of language and acquisition.

S. Flynn

24.948 Linguistic Theory and Second and Third Language Acquisition in Children and Adults

Prereq: Permission of instructor
 Acad Year 2018-2019: Not offered
 Acad Year 2019-2020: G (Spring)
 3-0-6 units

Students read and discuss current linguistic theory, first language acquisition research, and data concerning second and third language acquisition in adults and children. Focuses on development of a theory of second and third language acquisition within current theories of language. Emphasizes syntactic, lexical, and phonological development. Examines ways in which these bodies of data confront theories of language and the mind. When possible, students participate in practica with second and/or third language learners.

S. Flynn

24.949]] Language Acquisition I

Same subject as 9.601]]
 Prereq: Permission of instructor
 G (Fall)
 3-0-6 units

See description under subject 9.601]].

M. Hackl

24.951 Introduction to Syntax

Prereq: Permission of instructor
 G (Fall)
 3-0-9 units

Introduction to theories of syntax underlying work currently being done within the lexical-functional and government-binding frameworks. Organized into three interrelated parts, each focused upon a particular area of concern: phrase structure; the lexicon; and principles and parameters. Grammatical rules and processes constitute a focus of attention throughout the course that serve to reveal both modular structure of grammar and interaction of grammatical components.

S. Iatridou

24.952 Advanced Syntax

Prereq: 24.951
 G (Spring)
 3-0-9 units

Problems in constructing an explanatory theory of grammatical representation. Topics drawn from current work on anaphora, casemarking, control, argument structure, Wh- and related constructions. Study of language-particular parameters in the formulation of linguistic universals.

S. Iatridou, D. Pesetsky

24.954 Pragmatics in Linguistic Theory

Prereq: Permission of instructor
 G (Spring)
 3-0-9 units

Formal theories of context-dependency, presupposition, implicature, context-change, focus and topic. Special emphasis on the division of labor between semantics and pragmatics. Applications to the analysis of quantification, definiteness, presupposition projection, conditionals and modality, anaphora, questions and answers.

D. Fox

24.955 More Advanced Syntax

Prereq: 24.951 and 24.952
 G (Fall)
 3-0-9 units

An advanced-level survey of topics in syntax.

S. Iatridou

24.956 Topics in Syntax

Prereq: 24.951

G (Spring)

3-0-9 units

Can be repeated for credit.

The nature of linguistic universals that make it possible for languages to differ and place limits on these differences. Study of selected problem areas show how data from particular languages contribute to the development of a strong theory of universal grammar and how such a theory dictates solutions to traditional problems in the syntax of particular languages.

*S. Iatridou, D. Pesetsky***24.960 Syntactic Models**

Prereq: 24.951 and 24.952

G (Spring)

3-0-9 units

Comparison of different proposed architectures for the syntax module of grammar. Subject traces several themes across a wide variety of approaches, with emphasis on testable differences among models. Models discussed include ancient and medieval proposals, structuralism, early generative grammar, generative semantics, government-binding theory/minimalism, LFG, HPSG, TAG, functionalist perspectives and others.

*D. Pesetsky***24.961 Introduction to Phonology**

Prereq: Permission of instructor

G (Fall)

3-0-9 units

Introduction to the current research questions in phonological theory. Topics include metrical and prosodic structure, features and their phonetic basis in speech, acquisition and parsing, phonological domains, morphology, and language change and reconstruction. Activities include problemsolving, squibs, and data collection.

*E. Flemming, M. Kenstowicz***24.962 Advanced Phonology**

Prereq: 24.961

G (Spring)

3-0-9 units

Continuation of 24.961.

*A. Albright, D. Steriade***24.963 Linguistic Phonetics**

Subject meets with 24.915

Prereq: None

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: G (Spring)

3-0-9 units

The study of speech sounds: how we produce and perceive them and their acoustic properties. The influence of the production and perception systems on phonological patterns and sound change. Acoustic analysis and experimental techniques. Students taking the graduate version complete different assignments.

*E. Flemming***24.964 Topics in Phonology**

Prereq: 24.961

G (Spring)

3-0-9 units

Can be repeated for credit.

In-depth study of a topic in current phonological theory.

*D. Steriade***24.965 Morphology**

Prereq: Permission of instructor

Acad Year 2018-2019: Not offered

Acad Year 2019-2020: G (Fall)

3-0-9 units

Structure of the lexicon and its function in grammar. Properties of word-formation rules. Problems of selection, productivity, and compositionality. Systems of inflectional categories: case and tense. Phonological aspects of word structure: allomorphy, cyclic phonology, constituent structure, and boundaries. Detailed analysis of languages with complex morphology.

*Staff***24.966]] Laboratory on the Physiology, Acoustics, and Perception of Speech**

Same subject as 6.542]], HST.712]]

Prereq: Permission of instructor

G (Spring)

2-2-8 units

See description under subject 6.542]].

L. D. Braid, S. Shattuck-Hufnagel, J.-Y. Choi

24.967 Topics in Experimental Phonology

Prereq: 24.961, 24.963, or permission of instructor

G (Fall)

3-0-9 units

Experimental techniques to test predictions drawn from current phonological theory. Includes a survey of experimental methodologies currently in use, an introduction to experimental design and analysis, and critical consideration of how experimental results are used to inform theory.

E. Flemming

24.970 Introduction to Semantics

Prereq: Permission of instructor

G (Fall)

3-0-9 units

Basic issues of form and meaning in formalized and natural languages. Conceptual, logical, and linguistic questions about truth. Reference, modal, and intensional notions. The role of grammar in language use and context-dependency. Ambiguities of structure and meaning, and dimensions of semantic variation in syntax and the lexicon.

M. Hackl, R. Schwarzschild

24.973 Advanced Semantics

Prereq: Permission of instructor

G (Spring)

3-0-9 units

Current work on semantics and questions of logic and meaning for syntactic systems in generative grammar.

L. Crnic, R. Schwarzschild

24.979 Topics in Semantics

Prereq: Permission of instructor

G (Fall, Spring)

3-0-9 units

Can be repeated for credit.

Seminar on current research in semantics and generative grammar. Topics may vary from year to year.

Fall: L. Crnic Spring: D. Fox, M. Hackl, R. Schwarzschild

24.981 Topics in Computational Phonology

Prereq: 24.961 or permission of instructor

G (Spring)

3-0-9 units

Exploration of issues in the computational modeling of phonology: finding generalizations in data, formalisms for representing phonological knowledge, modeling grammar acquisition, and testing phonological theories by means of implemented models. Experience using and developing models, including preparing training data, running simulations, and interpreting their results. No background in programming or machine learning is assumed.

A. Albright

24.991 Workshop in Linguistics

Prereq: Permission of instructor

G (Fall, Spring)

3-0-9 units

Can be repeated for credit.

An intensive group tutorial/seminar for discussion of research being conducted by participants. No listeners.

Fall: D. Fox, M. Kenstowicz Spring: K. von Fintel, M. Kenstowicz

24.993 Tutorial in Linguistics and Related Fields

Prereq: Permission of instructor

G (Fall, Spring)

Units arranged

Can be repeated for credit.

Individual or small-group tutorial in which students, under the guidance of a faculty member, explore the interrelations with linguistics of some specified area.

Consult Department Headquarters

24.THG Graduate Thesis

Prereq: Permission of instructor

G (Fall, IAP, Spring, Summer)

Units arranged

Can be repeated for credit.

Program of research and writing of thesis, to be arranged by the student with supervising committee.

Staff

24.S93 Special Seminar: Linguistics

Prereq: None

G (Fall, Spring)

Not offered regularly; consult department

Units arranged

Can be repeated for credit.

Covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

24.S94 Special Seminar: Linguistics

Prereq: Permission of instructor

G (Fall; first half of term)

Not offered regularly; consult department

3-0-3 units

Can be repeated for credit.

Half-term subject that covers topics in linguistics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

24.S95 Special Seminar: Linguistics

Prereq: Permission of instructor

G (Fall, Spring)

Not offered regularly; consult department

3-0-9 units

Can be repeated for credit.

Graduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff

24.S96 Special Seminar: Linguistics

Prereq: Permission of instructor

G (Fall, Spring)

Not offered regularly; consult department

3-0-9 units

Can be repeated for credit.

Graduate subject that covers topics not offered in the regular curriculum. Consult department to learn of offerings for a particular term.

Staff