436. Philosophical Logic
Winter. 4(4-0) May reenroll for a maximum of 8 credits if different topic is taken. PHL 337 or approval of department.
Such topics as metatheory, model theory, artifical intelligence and deviant logics, e.g., logic of existence, intuitionist logic, many valued logic.

440. Epistemology
Fall of even-numbered years. 4(4-0)
Three credits in philosophy at 300 level or higher or 9 credits in philosophy or approval of department.
Study of evidence, grounds of assent, conviction, belief, and certainty.

441. Metaphysics
Fall of odd-numbered years. 4(4-0)
Three credits in philosophy at 300 level or higher or 9 credits in philosophy or approval of department.
Fundamental concepts and categories in metaphysics: substance, process, cause, universal, belief, and certainty.

445. Philosophy of Mind
Winter, Spring. 4(4-0) Three credits in philosophy at 300 level or higher or 9 credits in philosophy or approval of department.
Examines classical and contemporary treatments of such concepts as 'mind', 'self', 'intentionality', 'mental act', and associated problems (the body-mind relation, 'thinking' machines, the connection of thought with action, etc.).

447. Philosophy of Science
Spring, 4(4-0) Three credits in philosophy at 300 level or higher or 9 credits in philosophy or approval of department.
Selected problems in the methodology of the behavioral sciences, including such topics as: concept formation and theory construction, explanation and insight, subjectivity and value judgments, emergence and teleology, historicism, reductionism, measurement, and statistical inference.

449. Ethical Dimensions
Winter, Spring, 4(4-0) 1 credit. May reenroll for credit. Approval of department.
May reenroll for maximum of 6 credits if different topic is taken. Approval of department.
Ethical dimensions of such topics as corporate responsibility, preferential hiring, profit and taxation, deception and bribery, self-regulation versus government regulation, 'whistleblowing', and advertising. Readings from philosophical and business sources.

450. Topics in Physical Science
Fall, Winter, Spring. 2(2-0) to 4(4-0) 1 to 3 credits. May reenroll for credit. Approval of department.
Topics are selected from physics, chemistry, and the earth and space sciences.

451. Philosophy of the Social Sciences
Spring. 4(4-0) Three credits in philosophy at 300 level or higher or 9 credits in philosophy or approval of department.
May reenroll for a maximum of 12 credits. Approval of department.
Specified problems in the methodology of the behavioral sciences, including such topics as: concept formation and theory construction, explanation and insight, subjectivity and value judgments, emergence and teleology, historicism, reductionism, measurement, and statistical inference.

455. Philosophy of Language
Fall. 2 to 4 credits. May reenroll for a maximum of 12 credits. Approval of department.
Concrete bases of language and nature of meaning.

456. Social Philosophy
Winter, Summer. 2(2-0) to 4(4-0) 1 to 3 credits. May reenroll for credit. Approval of department.
Topics selected from ethics, political philosophy, philosophy of law and of the state.