3. Language and Logic (3) F and S (Same as Engl. 3) **Staff**
Meets general education requirement either in philosophy (if followed by Engl. 4) or in written English (if followed by Engl. 1b). Prerequisites: passing grade on the English entrance examination or equivalent; Psych. 7, preferably concurrently. Functions of language, informal logic, elementary deduction, and scientific method; philosophical issues associated with scientific method. Exercises; ten papers emphasizing logic in writing.

5. Logic (3) F and S (Former Philos. 2) **Staff**
Modern deductive logic, induction, and probability.

10a-b. History of Philosophy (3-3) F-S **Colver**
(a) Ancient philosophy; development of scientific and philosophical thought in its social context from Thales to St. Augustine. (b) Medieval and modern philosophy; impact of the scientific revolution on development of philosophical systems from Descartes to Kant.

102. Ethics (3) **Jensen-Smith**
Analysis and discussion of concepts in moral discourse; investigation of the nature of moral reasoning and of claims to moral knowledge.

103. Philosophical Problems (3) **Staff**
Maximum total credit 6 units. Prerequisite: 6 units of philosophy. Study of a particular philosopher or problem as selected by the instructor.

110. Symbolic Logic (3) (Same as Math. 110) **Pitt**
Prerequisite: Philos. 3, 5, Math. 3, or permission of instructor. Intermediate logic—propositional calculus, functional calculus, logic of relations, logical and semantical paradoxes and the theory of types, systematic consistency and completeness, alternative notations.

130. Aesthetics (3) **Mathers**
Philosophy of criticism: analysis of problems involved in talking about the arts, and of theories of interpretation and evaluation of the arts such as music, painting, literature.

135. Contemporary Philosophy (3) **Staff**
Prerequisite: 3 units of philosophy. Principles of contemporary science, art, morality, and politics as presented by influential philosophers and philosophical movements of this century.

140. Philosophy of Religion (3) **Uphold**
Prerequisite: 3 units of philosophy. Theories of religious knowledge, religious values, the concepts of God, and the problem of evil.

141. Comparative Religions (3) **Uphold**
Analysis and comparison of answers to the basic philosophical questions raised by Hinduism, Buddhism, Taoism, Confucianism, Shinto, Zoroastrianism, Mohammedanism, Judaism, and Christianity.

150. Plato (3) **Colver**
Prerequisite: 3 units of philosophy. Reading and discussion of selected dialogues of Plato.

151. Aristotle (3) **Colver**
Prerequisite: 3 units of Philosophy. Recommended: Philos. 150. Substantial selections from Aristotle's Logic, Physics, Metaphysics, Psychology, and Ethics.

160. The Age of Reason: Descartes, Spinoza, Leibniz (3) **Colver**
Prerequisite: 3 units of philosophy. Reading and discussion of the major works of Descartes, Spinoza, Leibniz; influence of the New Science on philosophical thought.

161. The Age of Empiricism: Locke, Berkeley, Hume (3) **Jensen-Smith**
Prerequisite: 3 units of philosophy. Reading and discussion of the major works of Locke, Berkeley, and Hume; 17th century background of English empiricism, especially the writings of Bacon and Hobbes.

165. Philosophy of Science (3) **Pitt**
Prerequisite: 9 units of science. Assumptions and methods of scientific inquiry—law, causality, verification, scientific explanation; relation of these concepts to other branches of philosophy.

183. Living Philosophies in World Literature (3) (See Engl. 183) **Uphold**

190. Independent Study (1-3) F and S (See page 64) **Staff**

192. Theory of Language (3) (See Engl. 192) **Lyon**

199. Great Books (1-3) **Staff**
Maximum total credit 6 units. Prerequisite: acceptance of application filed in Humanities Division Office. The regular 3-unit section is open to full-time upper division students of all departments interested in reading in science and the humanities. Independent reading of great books of student's choice; discussion with an interdepartmental faculty group.

GRADUATE COURSE

(See page 85)

200. Introduction to Graduate Mathematics (3) (See Math. 200) **Dubisch**