

TO: Faculty Council Members
FROM: Alan Freitag, Faculty President
DATE: October 7, 2009
RE: Consent Calendar

Attached is the Consent Calendar (See Article V, Section 3.A (3 & 4), J. (3 & 5) and K.3 of the Standing Rules of the Faculty Council.) consisting of these proposals:

- PHYS 2-12-09 Change to the degree requirements for the M.S. in Optical Science and Engineering
- PHIL 04-06-09 Revision of the Graduate Curriculum in Philosophy (M.A. and Certificate)
- PHIL 03-30-09 Revision of Undergraduate Curriculum in Philosophy

Below are the catalog copy descriptions. If you wish to read the full proposals, they are posted on the Academic Affairs website.

If there are any objections regarding these proposals, they must be registered with the Faculty Governance Secretary (Julie Putnam, ext. 5719) by **5 PM on October 21, 2009**. If no objections are registered, the proposals will stand approved.

PHYS 2-12-09 Change to the degree requirements for the M.S. in Optical Science and Engineering

M.S. IN OPTICAL SCIENCE AND ENGINEERING

Degree Requirements

The degree of Master of Science in Optical Science and Engineering with the thesis option is awarded for completion of scholarly research that advances the knowledge base in the field of that research. Evidence of this is demonstrated by a successful thesis defense. The degree of Master of Science in Optical Science and Engineering with the non-thesis option is awarded for completion of formal course work. Additionally, recipients of this degree should demonstrate mastery of relevant subject matter and a potential for success, usually in a position with government or industry.

The minimum requirement for the M.S. degree in Optical Science and Engineering is 32 credit hours beyond the baccalaureate degree. For the thesis option, the requirement includes a minimum of 9 credit hours of thesis research, 2 credit hours of seminar (OPTI 6110), and a minimum of 21 credit hours of formal course work. For the non-thesis option, the requirement includes 2 credit hours of seminar (OPTI 6110), and a minimum of 30 credit hours of formal course work. Both options must include at least 15 credit hours in approved courses having an OPTI prefix.

All graduates of the program must demonstrate competency in the Core Curriculum. Students may demonstrate competency in the subject matter of the Core Curriculum by earning a grade of Pass on each of the five sections of a comprehensive qualifying examination. Each section of the comprehensive examination is based on subject matter in one of the five courses comprising the Core Curriculum. Students who do not receive a grade of Pass on a given section of the comprehensive examination must enroll in the corresponding Core Curriculum course. Students demonstrate competency in the Core Curriculum by passing the comprehensive examination or by earning a grade of B or better in those core courses not passed during the comprehensive examination.

Well-prepared students may earn a grade of pass on one or more of the five sections of the comprehensive examination. In those cases, credit hours that would have been earned in the courses, upon which the sections passed were based, may be replaced by credit hours in other electives approved by the student's Advisory Committee and the Optics Program Director.

A student in the M.S. program must maintain a minimum GPA of 3.0 in all coursework attempted for the degree. An accumulation of two C grades will result in termination of the student's enrollment in the program. A grade of U earned in any course will result in termination of the student's enrollment in the program.

Qualifier and Admission to Candidacy

All graduates of the program must demonstrate competency in the Core Curriculum. Students in the thesis program must prepare a Plan of Study before the end of the second semester following admission to the program. The Plan of Study must be approved by the Advisory Committee.

Residency Requirement

The student must satisfy the residence requirement for the program by completing 12 credit hours of continuous enrollment in coursework/thesis credit. Residence is considered continuous if the student is enrolled in one or more courses in successive semesters until 12 credit hours are earned.

Time Limit for Completion of Program Requirements

All program requirements must be completed within 5 calendar years from the date the student is admitted into the program.

Transfer Credit Accepted

Up to 6 credit hours of approved coursework may be transferred from other accredited masters and doctoral programs. Only courses in which the student earned a grade of B or better (or its equivalent) can be transferred. No more than 6 credit hours of approved coursework taken as a post-baccalaureate student may be applied toward the degree. Credit for thesis research cannot be transferred.

Assistantships

Support for beginning graduate students is usually a teaching assistantship. Continuing students are often supported by research assistantships.

Language Requirement

The program has no language requirement.

Thesis option:

After successful completion of the Core Curriculum requirement and approval of the Plan of Study, the student will prepare a Research Plan for the thesis that is approved by the Advisory Committee. The Research Plan must demonstrate: (a) the student's knowledge of the relevant literature base, and (b) a research plan that, if successfully completed, will lead to an approved thesis. The student must present a written plan to the Advisory Committee. The student must also make an oral defense of the Research Plan at a presentation before the Advisory Committee.

After successfully demonstrating competency in the Core Curriculum, preparation of an approved Plan of Study, and approval of the Research Plan by the Advisory Committee, the student is admitted to candidacy. The qualifier, as described, must be completed within two years following admission to the program. A full-time student is normally expected to complete the qualifier prior to the end of the third semester following admission to the program.

Thesis

Each student will complete a minimum of 9 credit hours of thesis research. The student must present a written thesis to the Advisory Committee. The student must defend the thesis at a presentation before the Optics Faculty. Upon approval of the written thesis and oral presentation by the Advisory Committee, the student has successfully completed the thesis requirement. The thesis must be written using a format acceptable to the Graduate School.

Thesis Advisor and Advisory Committee

Each student in the program must have a Thesis Advisor and an Advisory Committee before being admitted to candidacy. The student should select a thesis advisor before the end of the first year of residency. The student and the thesis advisor jointly determine the advisory committee. The Thesis Advisor serves as Chair of the Advisory Committee and must be a member of the Optics Faculty at UNC Charlotte. The advisory committee must have at least 3 members, the majority of which must be members of the Optics Faculty. Composition of the Advisory Committee must be approved by the Optics Program Director.

Comprehensive Examination

The thesis defense is the final examination.

Non-thesis option:

After successfully demonstrating competency in the Core Curriculum, the student is admitted to candidacy. All courses used to satisfy the degree requirements must be approved by the Optics Program Director.

PHIL 04-06-09 Revision of the Graduate Curriculum in Philosophy (M.A. and Certificate)

COMPLETE, REVISED CATALOG COPY AND COURSE DESCRIPTIONS

- **M.A. in Ethics and Applied Philosophy**
- **Graduate Certificate in Applied Ethics**

Department of Philosophy

103 Winningham

704-687-2161

<http://philosophy.uncc.edu>

Coordinator

Dr. Marvin Croy

Graduate Faculty

Dan Boisvert, Lecturer

Marvin Croy, Associate Professor

Michael Eldridge, Lecturer

William Gay, Professor

Gordon Hull, Assistant Professor

Robin James, Assistant Professor

Michael Kelly, Professor and Chair

Lisa Rasmussen, Assistant Professor

Eddy Souffrant, Associate Professor

Rosemarie Tong, Mecklenburg County Medical Society Distinguished Professor in Health Care Ethics

MASTER OF ARTS IN ETHICS AND APPLIED PHILOSOPHY

The program is designed to foster the application of ethical and philosophical knowledge to currently pressing concerns in social, economic, medical, legal, commercial, cultural, and political contexts and

associations. The department offers both theoretical and applied courses. These courses provide students with a comprehensive, normative, politically-informed and logically consistent training relevant to current challenges encountered in business, medical associations, national and international political contexts, as well as public education.

Admission Requirements

In addition to meeting the university's graduate admission requirements, all prospective students must:

- Submit a personal statement outlining why the applicant seeks admission to the program.
- Submit three academic letters of recommendation, attached to the recommendation forms required by the graduate school, which address the student's philosophical skills and/or ethical reasoning.

Degree Requirements

The Master of Arts in Ethics and Applied Philosophy requires the completion, with a GPA of 3.0 or better, of a minimum of 30 semester hours of approved graduate course work. The successful completion of a Thesis or Internship is also required for the Master of Arts. Prior to starting a thesis or Internship, a student in the M.A. program will have to apply for readmission if the student has not taken any class for two years. All degree requirements must be completed within six calendar years of first enrollment in the program.

Course Distribution

Required Courses (9 credits)

:

PHIL 6110 Ethical Theory
PHIL 6120 Philosophical Methods and Analysis
PHIL 6190 Directed Readings/Research

Core Elective Courses (18 credits), drawn from the following:

PHIL 6050 Topics in Philosophy
PHIL 6190 Supervised Teaching
PHIL 6210 Ethics and Aesthetics
PHIL 6220 Health Law and Ethics
PHIL 6230 Ethics, Biotechnology, and the New Genomics
PHIL 6240 Research Ethics in the Biomedical and Behavioral Sciences
PHIL 6250 Ethics of Public Policy
PHIL 6260 Ethics and International Affairs
PHIL 6310 Language and Violence
PHIL 6320 Feminist Theory and Its Applications
PHIL 6330 Race and Philosophy
PHIL 6340 Philosophy of Mind
PHIL 6350 Philosophy of Technology
PHIL 6360 Philosophy of Education

Capstone Course (3 credits), drawn from the following:

PHIL 6410 Internship
PHIL 6920 Thesis

Admission to Candidacy Requirements

An Admission to Candidacy form is to be filed upon the completion of 24 hours of course work.

Advising

The coordinator of graduate studies serves as formal advisor to the graduate students.

Transfer Credit

Up to 6 hours earned from other accredited institutions may be eligible for transfer credit. Formal approval must be obtained from the coordinator of graduate studies and the Dean of the Graduate School.

Language Requirement

Although students are not required to demonstrate proficiency in a foreign language as a formal requirement of the program, they are expected to acquire competency in and use whatever languages they need to pursue their research interests.

Thesis

Students have the option of writing a thesis (3 semester hours credit) in fulfilling the capstone/concluding project requirements. Both Thesis and its alternative (Internship) are linked to the Directed Readings/Research course.

Application for Degree

Graduation information, including deadlines for candidacy and degree application, are available online from the Graduate School at www.uncc.edu/gradmiss/c_graduation.html.

GRADUATE CERTIFICATE IN APPLIED ETHICS

The Graduate Certificate in Applied Ethics is of interest to three groups of students: (1) professionals working in areas of applied ethics; (2) students just beginning to explore graduate work in philosophy; (3) students in other master's and doctoral programs, such as biology, health administration, and public policy, who expect their careers to include work in applied ethics.

Admission Requirements

In addition to meeting the university's graduate admission requirements, all prospective students must:

- Submit a personal statement outlining why the applicant seeks admission to the program
- Submit two academic letters of recommendation, in addition to the recommendation forms required by the graduate school, which address the student's philosophical skills and/or ethical reasoning

Prerequisite Requirements

A bachelor's degree from an accredited institution and a minimum undergraduate GPA of 2.75 is required for admission to the Graduate Certificate program.

Certificate Requirements

The Graduate Certificate in Applied Ethics requires the completion of 15 credits of graduate course work in philosophy. The coursework should be distributed as follows:

Required Courses (3 credits):

PHIL 6110 Ethical Theory

Core Elective Courses (12 credits), drawn from the following:

PHIL 6050 Topics in Philosophy
PHIL 6210 Ethics and Aesthetics
PHIL 6220 Health Law and Ethics
PHIL 6230 Ethics, Biotechnology, and the New Genomics
PHIL 6240 Research Ethics in the Biomedical and Behavioral Sciences
PHIL 6250 Ethics of Public Policy
PHIL 6260 Ethics and International Affairs
PHIL 6310 Language and Violence
PHIL 6320 Feminist Theory and Its Applications
PHIL 6330 Race and Philosophy
PHIL 6340 Philosophy of Mind
PHIL 6350 Philosophy of Technology
PHIL 6360 Philosophy of Education

Approval of the Philosophy Department Graduate Coordinator is required in order to substitute related courses offered by other departments and programs.

Advising

The coordinator of graduate studies serves as formal advisor to the graduate students.

Transfer Credit

Transfer credit is not accepted in the certificate program.

Courses In Philosophy

PHIL 5050. Topics in Philosophy. (1-3) Prerequisite: Permission of the department. In-depth treatment of selected problems and issues in philosophy. May be repeated for additional credit as topics vary. (Upon approval by the Department Graduate Committee)

PHIL 6050. Topics in Philosophy. (1-3) Prerequisite: Permission of the department. In-depth treatment of selected problems and issues in philosophy. May be repeated for additional credit as topics vary. (Upon Approval by the Department Graduate Committee)

PHIL 6110. Ethical Theory. (3) Examination of major normative and meta theories that undergird our practical judgments about morally right actions and morally good persons, organizations, or policies. This examination may include central problems and issues concerning morality's: requirements (e.g. utility, duty, virtue, care), authority (e.g. absolutism, relativism, pluralism, multiculturalism), scope (e.g. deceased or future human beings, animals, environment), justification (e.g. rationality, intuition), source (e.g. reason, sentiment, disagreement), and nature (e.g. realism/antirealism, objectivity/subjectivity). (Yearly)

PHIL 6120. Philosophical Methods and Analysis. (3) Explores the distinctive and various methods within philosophy (logical, phenomenological, feminist, conceptual, linguistic, deconstructive, and others), their uses in particular contexts (including links to other disciplines), and how methodology shapes philosophy (including its social impact). One aim is to clarify "applied philosophy" by examining its methods. Students will analyze, evaluate, reconstruct, and originate arguments, judgments, and decisions. They will do so in connection with both texts shared among all the students in the class and the particular interests of individual students. Each student will develop a paper over the course of the semester to bring these issues together. (Yearly)

PHIL 6190. Supervised Teaching. (1) Offers an opportunity to work closely with a faculty member and to engage in supervised teaching as a form of applied philosophy exploring pedagogical practices, theories, issues, and educational research within the philosophy classroom. Normally connected with a graduate assistantship. (Upon Approval by the Department Graduate Committee)

PHIL 6210. Ethics and Aesthetics. (3) Art often generates ethical conflicts because of its forms, content, or functions in society, and ethical debates are sometimes played out through art, so ethics and aesthetics are deeply intertwined. In turn, aesthetics has been strongly tied to politics. The course will cover a range of ethical/political issues in aesthetics across various arts (visual arts, film, music, literature, etc.), including readings from classical and contemporary authors such as Plato, Hume, Kant, Nietzsche, Adorno, Said, Nussbaum, and Piper. (Regularly)

PHIL 6220. Health Law and Ethics. (3) This course interprets and uses the main normative principles of bioethics (autonomy, non-maleficence, beneficence and justice) to guide the practice of healthcare professionals and policymakers. It also increases understanding, interpretation, and monitoring of the impact of legal, regulatory, and political environments on healthcare organizations. Topics include medical malpractice, Medicare and Medicaid law, informed consent, privacy and confidentiality, reproductive freedom, death and dying, pain and suffering, allocation of scarce medical resources, developments in genetics, and regenerative medicine. (Regularly)

PHIL 6230. Ethics, Biotechnology, and the New Genomics. (3) This course uses a range of normative theories (e.g., deontology, utilitarianism, virtue ethics, and feminist ethics) to assess the morality of developments in biotechnology and the new genomics. It also probes the ethical, legal, political, and social implications of genetically modifying food and animals, genetically enhancing human beings, extending the human life span, assisting human reproduction, creating chimeras, and fusing humans with machines. (Regularly) **PHIL 6240/8240. Research Ethics in the Biomedical and Behavioral Sciences. (3)** This course is designed to identify the fundamental elements that characterize not only

methodologically grounded but also morally appropriate scientific research. Class discussion and readings will focus on key issues in biomedical and behavioral research including informed consent, privacy and confidentiality, risk-benefit assessments, mechanisms for protecting animal and human research subjects, international research, vulnerable populations, conflicts of interest and data management, publication ethics, intellectual property issues and the politics of research. (Regularly)

PHIL 6250. Ethics of Public Policy. (3) This course examines the conceptual tools available in the development of policies, regulations and guidelines that are responsive to normative standards of character and conduct. The course will include discussion of ethical and political theory, as well as its intersection with policy-making at topics such as equity, efficiency, security, and liberty. Issues may include how specific policies express moral commitments and choices, how some policies favor certain values over others, as well as on issues such as whistle-blowing, "dirty hands" (doing wrong to do right), "many hands" (hiding accountability in bureaucracy) and professional incompetence. (Regularly)

PHIL 6260. Ethics and International Affairs (3) The relations between nation states and other trans-national organizations are often assumed to be governed by realist power relations, and outside the scope of ethical deliberation. In this course we will examine what sorts of ethical norms can or should be brought to bear on international relations. Possible topic areas include both theoretical issues such as the applicability of ethical theory to the behavior of trans-cultural and international issues, the appropriateness of "Western" ethical norms to the discussion; as well as more specific topics such as global hunger, uneven development more generally, arms proliferation, and environmental security.. (Regularly)

PHIL 6310. Language and Violence. (3) Explores philosophical theories on the relationship between language and violence, on a continuum from subtle forms of covert personal violence to grievous forms of covert institutional violence. (Regularly)

PHIL 6320. Feminist Theory and Its Applications. (3) This course will cover feminist critiques of the philosophical canon, feminist approaches to philosophical problems (e.g., feminist ethics, feminist epistemology), and philosophical studies of topics related to gender, sexuality, and the intersection of these categories with race and class. Students will have the opportunity to investigate how feminist philosophy bears on their individual projects and areas of interest. (Regularly)

PHIL 6330. Race and Philosophy. (3) In this course, students will both study the role of race in the history of philosophy and examine, from a philosophical perspective, contemporary discourses of race and racism. Critical race theory and postcolonial theory will be studied, as well as their intersection with feminism, queer theory, among other critical political philosophies. (Regularly)

PHIL 6340. Philosophy of Mind. (3) Examines questions concerning the relationship between body and mind, the existence of other minds, the nature of consciousness, and the architecture of cognition. Approaches to these questions include traditional philosophical sources (emphasizing metaphysics and epistemology) and more recent developments in cognitive science (including the computational model of mind, mental representation, connectionist systems, and artificial intelligence). Also addressed are ethical and social issues involved in the design and implementation of intelligent systems. Inquiries bear on issue such as free will and determinism, emotion and reasoning, and the nature of rationality. (Regularly)

PHIL 6350. Philosophy of Technology. (3) Examines philosophical views on the nature of technology, focusing on its effects on society and nature. Computer technologies and other cases will be considered. (Regularly)

PHIL 6360. Philosophy of Education. (3) Exploration of modern philosophies of education, with a focus on the relationships between pedagogy and society. (Regularly)

PHIL 6910. Directed Readings/Research. (3) . Students will write and revise a substantial paper based on their research, which will be linked to Thesis or Internship. (Upon Approval by Department Graduate Committee)

PHIL 6920 Thesis. (3) Appropriate research and written exposition of that research is required. (Upon Approval of Department Graduate Committee).

PHIL 7999. Master's Degree Graduate Residency Credit. (1) Continuation of individual Concluding Project or Thesis for students completing the program but not enrolled in other graduate courses. (Fall, Spring, Summer)

PHIL 8050. Topics in Philosophy. (1-3) Prerequisite: Permission of the department. In-depth treatment of selected problems and issues in philosophy. May be repeated for additional credit as topics vary. (Upon approval by the Department Graduate Committee)

PHIL 03-30-09 Revision of Undergraduate Curriculum in Philosophy

PHILOSOPHY (<http://philosophy.uncc.edu>)

Philosophy is reasoned inquiry about the nature of persons, reality, thought, knowledge, values, and beauty. It seeks to establish standards of evidence, to provide rational methods of resolving conflicts, and to create techniques for evaluating fundamental ideas, principles and arguments in all areas of human existence and knowledge. Equally concerned with human endeavor in both the arts and the sciences, philosophy continues to reside at the core of a liberal education.

Students major or minor in Philosophy because of their desire to pursue fundamental ideas, principles, and arguments in general or in relation to other disciplines. Philosophy helps students develop strong skills in writing, critical thinking, reading, and understanding complex texts. These skills are indispensable for any committed and concerned citizen. The study of philosophy also provides a deeper understanding and enjoyment of the challenges and issues people face throughout their personal and professional lives.

Students may choose to major solely in Philosophy, or to pursue it as a second major or as a minor. As several members of the department teach regularly within Interdisciplinary Studies, many philosophy courses introduce a wide range of ethical, political, scientific, technological, literary, and aesthetic ideas into discussions of philosophical issues. Courses in critical thinking and logic are a benefit to students in all their coursework and can be especially useful to students who plan to enter graduate school or professional school. Given the department's association with the Center for Professional and Applied Ethics, many philosophy courses give students a deeper understanding of contemporary issues in business, law, medicine, public policy, information technology, and environmental studies.

BACHELOR OF ARTS IN PHILOSOPHY

A major in Philosophy leading to a B.A. degree consists of a minimum of 33 semester hours in philosophy, at least 18 of which are earned at UNC Charlotte with a grade of C or better, with no more than six hours below the 3000 level counting toward the major. A GPA of 2.5 is required for all philosophy courses applied to the major. Majors are strongly encouraged (but not required) to take the Senior Seminar, a capstone course, in one of their last three semesters.

Students majoring in Philosophy must complete either a 2000-level course in a foreign language that uses the Latin alphabet (French, German, Italian, Spanish, etc.) or a 1202-level course in a foreign language that is not written in the Latin alphabet (Greek, Hebrew, Japanese, Russian, etc.), or demonstrate proficiency at that level. Intermediate American Sign Language is accepted. Non-native speakers of English may complete the foreign language requirement by passing ENGL 1101 and ENGL 1102 or the equivalent.

Students who major in Philosophy are required to take the following courses and types of courses:

<i>Category</i>	<i>Courses</i>
Introduction to Philosophy (3 hours)	PHIL 2101 Introduction to Philosophy, or PHIL 2102 Introduction to Philosophy—Writing Intensive
Logic (3 hours)	PHIL 2105 Deductive Logic (PHIL 1105 Critical Thinking is not required, but strongly recommended)
History/Genealogy (9 hours)	PHIL 3010 Ancient Philosophy and PHIL 3020 Modern Philosophy and one of the following: PHIL 3030 Twentieth Century Philosophy PHIL 3110 Medieval Philosophy PHIL 3120 Nineteenth Century Philosophy PHIL 3130 American Philosophy PHIL 3140 Existentialism PHIL 3170 Major Figure PHIL 3190 Topics in History/Genealogy
Ethics/Aesthetics (6 hours)	PHIL 3210 Ethical Theory and one of the following: PHIL 3220 Aesthetics PHIL 3230 Healthcare Ethics PHIL 3310 IT Ethics PHIL 3320 Engineering Ethics PHIL 3330 Philosophy and Literature PHIL 3340 Business Ethics PHIL 3390 Topics in Ethics/Aesthetics
Knowledge/Language (6 hours)	PHIL 3410 Knowledge and Reality and one of the following: PHIL 3420 Philosophy of Language PHIL 3430 Mind, Cognition, and Behavior PHIL 3510 Advanced Logic PHIL 3520 Philosophy of Science PHIL 3530 Philosophy of Religion PHIL 3590 Topics in Knowledge/Language
Identity/Society (6 hours)	PHIL 3810 Social and Political Philosophy and one of the following: PHIL 3820 Feminist Philosophy PHIL 3830 Philosophy and Race

	PHIL 3910 Philosophy of War and Peace PHIL 3920 Philosophy of Technology PHIL 3930 Philosophy of Body PHIL 3940 Philosophy of Education PHIL 3990 Topics in Identity/Society
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MINOR IN PHILOSOPHY

A minor in Philosophy consists of 18 semester hours in philosophy, at least twelve of which are earned at UNC Charlotte with a grade of C or better, with no more than six hours below the 3000 level counting toward the minor. Students who elect the minor are required to take the following courses and types of courses:

Introduction to Philosophy (3 hours)	PHIL 2101 Introduction to Philosophy <u>or</u> PHIL 2102 Introduction to Philosophy—Writing Intensive
Logic (3 hours)	PHIL 1105 Critical Thinking <u>or</u> PHIL 2105 Deductive Logic <u>or</u> PHIL 3510 Advanced Logic
History/Genealogy (6 hours)	PHIL 3010 Ancient Philosophy <u>or</u> PHIL 3020 Modern Philosophy <u>or</u> PHIL 3030 Twentieth Century Philosophy <u>or</u> PHIL 3110 Medieval Philosophy <u>or</u> PHIL 3120 Nineteenth Century Philosophy <u>or</u> PHIL 3170 Major Figure
Ethics/Aesthetics or Knowledge/Language or Identity/Society (6 hours)	Two additional courses selected from among those listed above in the following categories: Ethics/Aesthetics <u>or</u> Knowledge/Language <u>or</u> Identity/Society

HONORS PROGRAM IN PHILOSOPHY

[Note: The first paragraph below has not changed. Changes in the second paragraph were approved by the University Honors Council on April 9, 2009. The changes are: (a) one rather than two courses from University Honors Programs; (b) only three instead of four Honors Thesis Research credits; and (c) G.P.A. of 3.5 instead of 3.2 for Honors courses.]

Students seeking a greater academic challenge may contact the Department Chair with a request to pursue the Honors Track within the philosophy major. Honors work may be undertaken as early as the first semester a student is enrolled at the University. Graduation with Honors will be noted on the student's transcript and the phrase "Honors in Philosophy" inscribed on the student's diploma.

To qualify for graduation with Honors in Philosophy a student must receive the recommendation of the Honors Committee in Philosophy. The Honors Committee will consider as candidates for

graduation with Honors in Philosophy students who have completed the standard philosophy major and the following requirements: (a) one three-hour course chosen by the student from University Honors Program courses; (b) a grade of A for three hours of Honors Thesis research (which count toward the 33-hour major requirement); (c) oral presentation of the Honors Thesis before the Department of Philosophy Honors Committee, other faculty, and students; (d) GPA of at least 3.5 in all Philosophy courses counted toward the major; and (e) GPA of at least 3.5 for all departmental and University Honors Program courses submitted towards graduation with Honors.

PHILOSOPHY COURSE DESCRIPTIONS

PHIL 1105. Critical Thinking. (3) (W) Fundamental skills of clear thinking that will help people reason better during communication, problem-solving, and design, particularly as these integrate scientific/engineering efforts with social needs and values. The course will focus on clarifying goals, identifying constraints, and generating and evaluating ideas or solutions. (Fall, Spring, Summer)

PHIL 2101. Introduction to Philosophy. (3) Exploration of some of the basic problems that have shaped the history of philosophy (truth, knowledge, justice, beauty, etc.) and remain relevant to students today on personal and professional levels. Readings will range from classical to contemporary texts by a variety of philosophers representing diverse perspectives on these problems. Please see the descriptions in Banner attached to each section to appreciate the different ways this course will be taught every semester. Crosslisted as PHIL 2102, but does not fulfill the general education writing goal. Students can receive credit for either PHIL 2101 or PHIL 2102, but not both. (Fall, Spring, Summer)

PHIL 2102. Introduction to Philosophy – Writing Intensive. (3) (W) Exploration of some of the basic problems that have shaped the history of philosophy (truth, knowledge, justice, beauty, etc.) and remain relevant to students today on personal and professional levels. Readings will range from classical to contemporary texts by a variety of philosophers representing diverse perspectives on these problems. Please see the descriptions in Banner attached to each section to appreciate the different ways this course will be taught every semester. Makes substantial use of writing as a tool for learning. Crosslisted as PHIL 2101, but fulfills the general education writing goal. Students can receive credit for either PHIL 2101 or PHIL 2102, but not both. (Fall, Spring, Summer)

PHIL 2105. Deductive Logic. (3) Principles of deductive logic, both classical and symbolic, with emphasis on the use of formal logic in analysis of ordinary language discourse. (Fall, Spring, Summer)

Prerequisites for upper level courses. While PHIL 2101/2102 is not a prerequisite for courses at the 3000 level and above, students who have taken PHIL 2101/2102 typically benefit more from upper-level philosophy courses than students who have not.

PHIL 3010. Ancient Philosophy. (3) Western intellectual and philosophic thought from the early Greeks to the post Aristotelian period, often with an eye to issues in contemporary philosophy.

Readings from the pre Socratics, Plato, Aristotle, Epicureans, Stoics, Skeptics, and Neoplatonists. (Yearly)

PHIL 3020. Modern Philosophy. (3) Modern philosophic and scientific thought from Descartes to Kant. Readings selected from representative works in the 17th and 18th centuries. (Yearly)

PHIL 3030 Twentieth-Century Philosophy. (3) Examination of some central problems, issues, and methodologies of Twentieth Century Philosophy. Examination may include: pragmatism, phenomenology, logical analysis, existentialism, ordinary language philosophy, critical theory, hermeneutics, structuralism, or post-structuralism. (Alternate Years)

PHIL 3110. Medieval Philosophy. (3) Western philosophical tradition from Augustine to William of Ockham. Readings include such other authors as Anselm of Canterbury, Bonaventure, Thomas Aquinas, and Duns Scotus. (Periodically)

PHIL 3120. Nineteenth-Century Philosophy. (3) Examination of some central problems, issues, and methodologies of Nineteenth-Century Philosophy, including from some more contemporary perspectives, such as feminism. Examination may include: German Idealism (e.g. Fichte, Schelling, Hegel, Schopenhauer), Early Existentialism (e.g. Kierkegaard, Nietzsche), Early Phenomenology (e.g. Balzano, Brentano), Social Philosophy (e.g. Comte, Feuerbach, Bentham, Mill, Marx), and American Philosophy (e.g. Peirce, James, Washington, DuBois). (Periodically)

PHIL 3130. American Philosophy. (3) This class will analyze the question of what constitutes American Philosophy, examining the interaction between America and philosophy, and exploring some of the characteristics that may help contribute to the characterization of American Philosophy including: individualism, community, practicality, fallibility, and meliorism. The course will critically examine the narrative of American philosophy, focusing on pragmatism, America's distinctive contribution to philosophy, and assess the role that American philosophy has, can, and should play concerning social and cultural issues in America. (Periodically)

PHIL 3140. Existentialism. (3) Existentialist tradition in philosophy and literature including such issues as: authenticity, absurdity and the meaning of life, freedom and morality, anguish, death, and atheism. (Periodically)

PHIL 3170. Major Figure in Philosophy. (3) An investigation into the thoughts and writings of a major figure in philosophy with special emphasis on primary sources. Included may be Plato, Aristotle, Descartes, Kant, Marx, Nietzsche, Heidegger, Quine, Davidson, Rawls, and others as indicated by departmental needs and interests. May be repeated for additional credit. (Periodically)

PHIL 3190. Topics in History/Genealogy. (3) Specific topics in the history/genealogy of philosophy. May be repeated for additional credit with the approval of the Department. (Periodically)

PHIL 3210. Ethical Theory. (3) Selective examination of major normative and metaethical theories that undergird our practical judgments about morally right actions and virtuous persons. Normative theories studied may include virtue ethics, deontology, consequentialism, and

representative feminist theories. Metaethical theories studied may include cognitivism, expressivism, realism, and error theory. (Yearly)

PHIL 3220. Aesthetics. (3) Discussion and analysis of major theories of art ranging from historical figures (Plato, Aristotle, Hume, Kant, Nietzsche, and Dewey) to contemporary philosophers (Sontag, Danto, Kristeva, and Ranciere). Emphasis will be on the development of aesthetics in relation to the visual and performing arts, new media, and philosophy, but also in response to social-political-cultural issues, such as feminism, racism, and the like. (Yearly)

PHIL 3230. Healthcare Ethics. (3) Major ethical dilemmas within medical science and biology are examined to assist students to identify, analyze, and decide ethical issues in such a way that they can defend their positions to themselves and others. Issues include reproductive and genetic technology, death and dying, patient rights, and justice in distribution of healthcare benefits and burdens. (Yearly)

PHIL 3310. IT Ethics. (3) Looks at ethical issues that emerge in the context of new technologies. We will combine a study of traditional moral theories with a look at how those theories might help us understand some of the many challenges presented by contemporary technologies. Topic areas may include privacy/surveillance, intellectual property (things like cell patents, peer-to-peer file sharing, etc.), and genetically modified foods. (Periodically)

PHIL 3320. Engineering Ethics. (3) This course will familiarize students with the ethical and social dimensions of professional engineering practice. The course is built around discussions of (1) some of the classical philosophical theories (Utilitarianism, Respect for Persons, etc.), (2) concepts and techniques for breaking down complicated scenarios (factual, conceptual, etc.), (3) typical problem areas such as professional integrity and responsibility, risk analysis, and the conflict between engineers and managers, (4) case studies and special focus on classic cases (Columbia and Challenger disasters, etc.), and (5) various ethical codes of the engineering profession (electrical, mechanical, petroleum, etc.). Emphasis on the enhancement of skills in critical thinking and effective communication in professional engineering. (Periodically)

PHIL 3330. Philosophy and Literature. (3) Discussion and analysis of the classic and contemporary philosophical themes in literature, the literary dimensions of philosophy (e.g., Platonic dialogues and the modern essay), the role of philosophy in the development of literary theory, the effects of changes in literature on philosophy (e.g., new narrative structures in both fields), and the like. Readings will range from the classical (e.g., Plato, Montaigne, Kierkegaard, and Nietzsche) to the contemporary (e.g., Adorno, Derrida, Eco, and Nussbaum). (Periodically)

PHIL 3340. Business Ethics. (3) Ethical problems confronting business as a social institution and individuals in business. Application of ethical theory to business institutions and practices, internal exchanges of business (e.g., hiring, promotions, working conditions, employer/employee rights and duties) and external exchanges (e.g., product safety, environment, depletion, marketing, advertising.) Emphasis is on the role of critical thinking about and in business. (Periodically)

PHIL 3380. Internship in Applied Ethics (3) Prerequisite: Declared philosophy major or minor; at least junior standing; selection by department. Field experience includes on-site visits to host companies, corporations, or agencies to investigate ethics codes, policies, culture, and practices. Background ethics research on ethics challenges facing the host organization today. Final reports

evaluated by faculty advisor and shared with the host organization. (Fall, Spring, Summer with Permission)

PHIL 3390. Topics in Ethics/Aesthetics. (3) Specific topics in Ethics/Aesthetics. May be repeated for additional credit with the approval of the Department. (Periodically)

PHIL 3410. Knowledge and Reality. (3) An examination of interrelated issues concerning belief, justification, knowledge, and existence and the implications of these for broader philosophical issues. "Narrower" issues may include: What is the source of our beliefs? How do these sources affect our determinations of what fundamentally exists and what those things are like? How do our assumptions about what exists affect the objects and methods of knowing? When do beliefs become knowledge? Are there some things about the world that we cannot know about? Broader issues may include: What kind of thing is a mind or a self? How does such a thing fit into a natural world? What can non-human animals or computers tell us about intelligence? In what sense can collective entities engage in intentional behavior? (Yearly)

PHIL 3420. Philosophy of Language. (3) An inquiry into the nature of language and its use in actual practice. Discussion will focus on theories of meaning and their relations to the fields of logic and linguistics, and will address special topics such as linguistic creativity and linguistic violence. (Yearly)

PHIL 3430. Mind, Cognition, and Behavior. (3) An exploration of epistemological, metaphysical, and ethical questions concerning the mind. The main focus is on the possibility of integrating classic philosophical perspectives with contemporary research in cognitive science. Topics include: the descriptive/normative relation, the connection between philosophy and science, the plausibility of the mind and/or brain as a computational, symbol-manipulating system, including cases in which ethical consequences emerge from this orientation, and other topics such as consciousness, free will and determinism, logic and language, emotion and reasoning, and rationality. (Yearly)

PHIL 3510. Advanced Logic. (3) Advanced systems of logic, with emphasis upon symbolic logic and formal systematic characteristics such as axiomatics and proof techniques. (Periodically)

PHIL 3520. Philosophy of Science. (3) Questions concerning scientific knowledge and methods and their relation to technology, metaphysics, history/sociology, and interdisciplinary connections. "Science" is construed broadly to imply a connection with all systematic inquiry, either past or present, into natural or social questions. Particular topics may include the nature of theories, models, observations, predictions, and the conditions of progress. (Periodically)

PHIL 3530. Philosophy of Religion. (3) Crosslisted as RELS 3242. Philosophical implications of religious experience including the definitions, development, and diverse forms of the problems of belief and reason in modern thought. (Periodically)

PHIL 3590. Topics in Knowledge/Language. (3) Specific topics in the Knowledge/Language. May be repeated for additional credit with the approval of the Department. (Periodically)

PHIL 3600. Practicum in Philosophy. (1-3) Prerequisite: permission of the department. Directed individual study involving the student and instructor in rethinking and reworking some major problems in the teaching of undergraduate philosophy, including interaction with a particular

class, usually PHIL 1105, 2101/2102, or 2105, in the preparation, presentation, and evaluation of the course. (Not for teacher licensure.) (Fall, Spring with Permission)

PHIL 3605. Research Methods and Publication. (3) Permission of the instructor required. Individual instruction in current methods of research in philosophy through participation in major research project. No more than six hours may apply towards the major in Philosophy. (Fall, Spring with Permission)

PHIL 3610. Independent Study. (1-3) Prerequisite: permission of the department. Directed individual study of a philosophical issue of special interest to the student. May be repeated for additional credit as the topics vary and with departmental approval. No more than six hours may apply toward the major in Philosophy. (Fall, Spring with Permission)

PHIL 3791. Honors Thesis. (3) Prerequisite: permission of the department. Individual or group inquiry into selected philosophic problems. Exposition and discussion of the results. (Fall, Spring with Permission)

PHIL 3810. Social and Political Philosophy. (3) Examination of basic concepts involved in understanding the nature and structure of political and social formations. Issues may include topics such as justice, human rights, the nature of political power, and the relations between individuals and political/social institutions. Readings from historical and/or contemporary sources, and may include figures such as Plato, Hobbes, Marx, Rawls, Arendt, Foucault and Butler. (Yearly)

PHIL 3820. Feminist Philosophy. (3) Crosslisted as WGST 3820. Overview of feminist critiques of the philosophical canon, contemporary feminist work on philosophical topics (e.g., feminist epistemology, feminist aesthetics, etc.), and philosophical work on topics such as gender, sexuality, and intersectionality. Critical race, postcolonial, and global feminisms will also be studied. (Yearly)

PHIL 3830. Philosophy and Race. (3) Crosslisted as AFRS 3830. This course both examines the role of the concept of race in the Western philosophical canon, and uses current philosophical texts and methods to examine Western discourses of race and racism. Issues such as whiteness, double consciousness, the black/white binary, Latino identity and race, ethnicity, mixed-race identity, and the intersection of race with gender and class will also be examined. (Alternate Years)

PHIL 3910. Philosophy of War and Peace. (3) Crosslisted as LBST 2101-H01. This course focuses on the conceptual and historical aspects of violence, terrorism, war, non-violence, justice, and the economic motivations and results, both intended and unintended, associated with these phenomena. (Periodically)

PHIL 3920. Philosophy of Technology. (3) Examination of basic concepts and controversies in philosophical discussions of technology. Issues may include relations between technology and nature (and/or human nature), technological determinism, the prospects for intelligent and/or democratic control of particular technologies, and normative issues such as technological systems of social control. (Periodically)

PHIL 3930. Philosophy of Body. (3) Opportunity to explore the implications of the Eastern and Western philosophical literature on what the body means to individuals and societies. Philosophical readings about the body's relationship to the mind, politics, happiness, social interaction, and education will be explored through lecture, discussion, and writing. (Periodically)

PHIL 3940. Philosophy of Education. (3) Exploration of classic Western approaches to education and the contemporary moral problems faced by America's schools. Issues to be considered are the effect of race, class, and gender on school culture and teacher preparation. (Periodically)

PHIL 3990. Topics in Identity/Society. (3) Specific topics in Identity/Society. May be repeated for additional credit with the approval of the Department. (Periodically)