Virginia Tech does not discriminate against employees, students, or applicants on the basis of race, color, sex, sexual orientation, disability, age, veteran status, national origin, religion, or political affiliation. Anyone having questions concerning discrimination should contact the Equal Opportunity and Affirmative Action Office.
Purpose of this Handbook:
This packet contains information concerning graduate study in Philosophy at Virginia Tech. It will be useful to prospective applicants, incoming students, and those continuing in the program.

Table of Contents

Application Information 1
General Information 2
Life at Virginia Tech 2
The Philosophy Department 3
The Faculty 4
Center for Science & Technology Studies 6

The MA Program in Philosophy 7
   Requirements and Policies 7
   Requirements for the MA Degree 8

Ph.D. in Science and Technology Studies - Philosophy Track 13

Office Procedures 14
Appendix A 14

Appendix B 15
Appendix C 15
Application Information

The Masters of Arts Program in Philosophy at Virginia Tech welcomed its first students in the fall of 1993. We currently enroll 6-10 new students each year, normally in the fall. The MA program is designed to provide students with a solid grounding in the tradition and methods of Western Philosophy. It is well-suited to students with a variety of interests: many transfer to a Ph.D. program in philosophy after obtaining the MA, but others go on to further studies in other areas of academia or in law, and still others seek primarily just to broaden their liberal education through advanced study. Please go to our website at www.phil.vt.edu, and follow the link to the MA Program for complete placement records and more.

Costs and Financial Aid

Tuition and fees in 2004-05 are $3,756 per semester for Virginia residents and $5,841 per semester for non-residents. Graduate assistantships are available on a competitive basis. Assistantship stipends are approximately $9,567 for the academic year 2004-05, plus tuition remission (though students are responsible for fees at the in-state rate (currently $452.50 per semester).

Application Procedures

The department maintains a page with complete information for applicants: follow the link for the M.A. Program at the website above, then click on the link “Applying To Our Program”. Please consult this page before submitting an application. Applicants are strongly advised to apply for admissions and financial assistance by February 1, though later applications can be considered. Applicants MUST submit:

1) An official transcript of their undergraduate academic record;
2) Three letters of recommendation on the forms provided by the Graduate School;
3) A completed official application form (online);
4) A writing sample (to the department); and
5) An official report of scores on the quantitative and verbal portions of the GRE.
6) Individuals from non-English-speaking nations must also submit an official record of scores on the Test of English as a Foreign Language.

Applications are done online, through the Graduate School’s website, http://www.grads.vt.edu. Requests for further information should be directed to william.fitzpatrick@vt.edu or by mail:

Director of Graduate Studies
Department of Philosophy (0126)
Virginia Tech
Blacksburg, VA 24061
Phone: (540) 231-7543

Although electronic applications are preferred, application materials can also be obtained by mail from:

The Graduate School
100 Sandy Hall (0325)
Virginia Tech
Blacksburg, VA 24061
Phone: (540) 231-5645
General Information

Life at Virginia Tech

The Locale
Virginia Tech is located in Blacksburg, in the scenic New River Valley of southwestern Virginia. The university campus lies in the Allegheny Mountains, 2,100 feet above sea level. The entire area is famous for its natural beauty, healthy atmosphere, and year-round outdoor recreational opportunities. The town of Blacksburg is noted for its progressive planning and high quality of life. Blacksburg has three main shopping areas within easy reach of the campus. Regularly scheduled local bus service is available to Virginia Tech students as part of their student services fee. Non-students are charged a nominal fee.

The Roanoke metropolitan area (pop. 250,000) with its many cultural, commercial and recreational opportunities is 40 miles east of the campus and is easily reached via two four-lane highways. Several airlines maintain scheduled flights from Roanoke Regional Airport to most major US cities. The Roanoke Airport Limousine Service provides round-trip service between the airport and the Donaldson Brown Hotel and Conference Center on campus. Valley Metro has also started offering a daily Blacksburg-Roanoke bus service that includes stops at Squires Student Center and the Roanoke Airport (see http://www.roanoke.org/bus.php).

The University
Virginia Tech is a diversified university with an enrollment of about 26,000 students. Since its founding as a land-grant college in 1872, Virginia Polytechnic Institute and State University, popularly known as Virginia Tech, has grown to become the state’s largest university and a major research institution.

The university offers 60 bachelor’s degree programs and 110 master’s and doctoral programs, through its eight colleges and graduate school.

On the graduate level, the university offers nearly 150 masters and doctoral degree programs through eight colleges. The university conducts more than $200 million per year in externally funded research; in terms of research expenditures it is consistently ranked as one of the nation's top fifteen universities with no human medical facilities.

Please see http://www.vt.edu/prospectivestudents/ for more.

The Library
Carol M. Newman Library has more than 2 million volumes, over 5 million microforms, subscribes to more than 19,000 journals and is designated as a repository for US government documents. The library is a member of the Association of Research Libraries and the Southeastern States Library Network. The Newman library also stores numerous CD-ROMs, data bases, and search systems available for research use.

Recreation
Numerous recreational facilities are available to students at Virginia Tech, including those found in the War Memorial Gym and the McComas Center (swimming pool, racquetball and basketball courts, weight rooms, and much more), and the Squires Student Center (bowling, billiards, table tennis, video games). Equipment for outdoor recreation is available for rental through the University Union. The University Golf Course is available for student use. The Appalachian Trail is within easy reach and the area has numerous biking opportunities. In addition, the university attracts a variety of nationally and internationally recognized cultural events each year and has an active performing arts program.
The Philosophy Department

The Department of Philosophy at Virginia Tech is internationally recognized for its research-oriented faculty. The department has 12 regular faculty members (not counting visiting faculty) covering a broad range of fields, with particular strengths in the history and philosophy of science.

The department is also distinguished by an unusually strong tradition of good teaching. Over the last 14 years, three members of the department have been inducted into Virginia Tech's Academy of Teaching Excellence, a distinction restricted to less than one percent of the university faculty.

The department has a variety of computer facilities, including a number of data-bases, and computer-accessible complete works of a number of important historical figures in philosophy, with appropriate software for search and information retrieval. One of the data-bases is the *Thesaurus Linguae Graecae (TLG)* on a CD-ROM (with appropriate hardware and software for use), which provides access to virtually all works ever written in ancient Greek. Some of the philosophers accessible on CD's include: Locke, Berkeley, Hume, Leibniz, Descartes, Spinoza, Hobbes, Kant, Mill, and Peirce. Graduate students are provided access to the full range of computer facilities available on campus.

The Newman library also holds a web-based version of *The Philosopher’s Index*, many valuable data bases, and electronic copies of journals.

**Computer Technology**

The Computer Center at the university is one of the finest in the United States and one of the few to operate a "super-computer." Virginia Tech was recently ranked first in the nation in student access to computers. For on-line and timesharing access, the system supports over 3000 terminals and access to the world-wide INTERNET system for communication and data transfer.

The Philosophy Department makes available to all graduate students access to computer terminals, internet access, and e-mail accounts (see below under “Office Procedures” for more information).

**Departmental Activities**


The Faculty

Roger Ariew is a historian of philosophy and historian of science, who specializes in late medieval to early modern philosophy and science, especially in the thoughts of such giants as Galileo, Descartes, Spinoza, and Leibniz. He also has abiding interest in historiography and in historicist philosophy of science, especially in the work of Duhem and is the editor of Perspectives on Science: Historical, Philosophical, Social, published by MIT Press. He has recently published: Descartes and the Last Scholastics (Cornell University Press); Modern Philosophy: an Anthology of Primary Sources, with Eric Watkins (Hackett); Descartes’ Meditations: Background Source Materials, with John Cottingham and Tom Sorell (Cambridge University Press); Descartes and His Contemporaries: Meditations, Objections and Replies, with Marjorie Grene (University of Chicago Press); and Pierre Duhem: Essays in History and Philosophy of Science, with Peter Barker (Hackett). (On leave 2004-5.)

Anne Margaret Baxley specializes in Kant’s ethics, the history of ethics generally, and ethical theory, and teaches all of these topics as well as the history of modern philosophy. Dr. Baxley was selected as an American Fellow of the American Association of University Women (2002-2003), received a summer stipend from the National Endowment for the Humanities (2003), and was a fellow in residence at the National Humanities Center (2003-4), where she worked on a book on Kant’s theory of virtue. Among her publications are several papers on Kant’s ethics, focusing on the concepts of autonomy, autocracy and virtue.

Richard Burian has general research interests in history and philosophy of science (especially conceptual change) and epistemology. He specializes in philosophy of biology, with specific concerns in the history of nineteenth and twentieth century evolutionary theory, theories of heredity, and theories of (biological) development; the relations among biological disciplines; the impact of the molecular biology on the theory and practice of biological disciplines; historiography and methodology in history and philosophy of science; and scientific realism. Some recent publications include: “How the Choice of Experimental Organism Matters: Biological Practices and Discipline Boundaries”; “Ontological Progress in Science” (with J. D. Trout); “On Conflicts Between Genetic and Developmental Viewpoints and their Resolution in Molecular Biology” “Against Generality: Meaning in Genetics and Philosophy”, (with Robert Richardson, and Wim van der Steen); "The French School of Genetics: From Physiological and Population Genetics to Regulatory Molecular Genetics" (with Jean Gayon); and "On the Internal Dynamics of Mendelian Genetics".

Brian Epstein received his Ph. D. at Stanford University and joins the Department in the Fall of 2004. His areas of specialization are metaphysics, philosophy of language and the philosophy of social science.

William FitzPatrick is serving as Director of Graduate Studies. He is a member of the Virginia Advisory Committee on Ethical, Legal and Social Issues in Genetic Research, and also serves on the New River Valley Local Human Rights Committee. His research is in moral philosophy, and he has recently published articles on topics ranging from the foundations of ethics and the nature of normativity (e.g. “Reasons, Value, and Particular Agents: Normative Relevance Without Motivational Internalism,” Mind, Vol. 113, Issue 450), to ethical issues surrounding human embryonic stem cell research (e.g. “Surplus Embryos, Non-reproductive Cloning and the Intend/Foresee Distinction,” in The Hastings Center Report, Vol. 33, No. 3). Other papers take up the debate between realists and constructivists in ethical theory, focusing on a critique of Korsgaard’s influential neo-Kantian constructivism and a defense of a moderate form of non-reductionist ethical realism. His book, Teleology and the Norms of Nature, was published by Garland in 2000.

Mark Gifford specializes in ancient Greek philosophy. His concerns range over most philosophical topics and figures in the Pre-Classical, Classical, and Hellenistic periods. He also has interests in the place of philosophy within the broader context of Greek intellectual, political, and cultural history. One focus of research is on the epistemological project of Plato and Aristotle, its relations with their ethics, and its significance for contemporary epistemological theorizing. Recent publications include: “Nobility of Mind: The Political Dimension of Aristotle's Theory of Intellectual Virtue” and “Aristotle on Platonic Recollection and the Paradox of
Knowing Universals: *Prior Analytics 67a8-30*" and "Lexical Anomalies in the Introduction to the *Posterior Analytics*, Part I." He recently presented papers on Plato at the 11th *International Conference on Greek Philosophy* in St. Petersburg, Russia and in the international symposium at the World Congress of Philosophy in Istanbul, Turkey.

**Marjorie Grene** was recently honored as the first woman ever to be featured in a volume of the *Library of Living Philosophers* (*The Philosophy of Marjorie Grene*, LLP Vol. XXIX, 2002). Among her numerous publications is a recent book about relations between philosophy and biology at various junctures in our tradition. She also works on various topics in seventeenth century philosophy.

**Valerie Hardcastle** is the Chair of STS. She works in the areas of philosophy of mind and cognitive science. Aside from the more traditional issues in philosophy of mind, and related concerns in epistemology and metaphysics, she is also interested in how (and whether) psychological phenomena (such as consciousness, memory, perception, and so on) relate to underlying neurophysiology, what these relations tell us about the mind, ourselves as cognitive creatures, and the possibility of a cognitive science. Her books include: *Locating Consciousness* (1995); *How to Build a Theory in Cognitive Science* (1996); *The Myth of Pain* (1999); *Constructing Selves* (forthcoming); and an edited anthology, *Where Biology Meets Psychology* (1999).

**James Klagge** pursues a variety of research interests in moral philosophy, metaphysics, and 20th century analytic philosophy. He is especially interested in the metaphysical underpinnings of morality and the mind, focusing on supervenience and realism. He is also interested in the problem of conceptual change as it arises in our thinking about morality and mentality. Most recently, he has worked on Wittgenstein, both in his historical context and in his implications for current issues. Dr. Klagge teaches a wide variety of courses, focusing on moral philosophy, but straying into Ancient Greek culture, the history of political philosophy - especially Hobbes and Marx, metaphysics, philosophy of mind, philosophy of religion, African-American Thought, and the meaning of life. Recent work includes: an edited anthology of papers on *Wittgenstein: Biography & Philosophy* (2001), a collection of material from Wittgenstein, *Public and Private Occasions*, and papers on "Wittgenstein in Exile," "The Puzzle of Goethe's Influence on Wittgenstein", “Wittgenstein on Non-Mediative Causality” (1999), and "When Are Ideologies Irreconcilable? Case Studies in Diachronic Anthropology" (1998).

**Deborah Mayo** has a joint appointment in Philosophy and Economics. Her work is in the epistemology of science and the philosophy of statistical inference. Her recent research has involved developing an account of experimental inference in science based upon statistical reasoning and the idea of learning from error. Her "error statistical" philosophy of experiment is set out in her *Error and the Growth of Experimental Knowledge* (The University of Chicago Press, 1996), winner of the 1998 Lakatos Award. She applies her approach toward solving key problems in philosophy of science: underdetermination, the role of novel evidence, Duhem's problem, and the nature of scientific progress. Dr. Mayo is also interested in applications to problems in risk analysis and risk controversies, and has co-edited *Acceptable Evidence: Science and Values in Risk Management* (with Rachelle Hollander). Dr. Mayo teaches courses in introductory and advanced logic (including the metatheory of logic and modal logic), in scientific method, and in philosophy of science. She also teaches special topics courses in Science and Technology Studies.

**Rosa Mayorga** has research interests in metaphysics, and is drawn especially to medieval and ancient philosophy because of its preoccupation with metaphysical issues. Philosophy of mind, theology, and ethics are of particular interest to her, as well as the history of philosophy. In her dissertation, "On Universals: The Scholastic Realism of Peirce and Duns Scotus," Dr. Mayorga explains why Peirce considered himself a realist, why he thought of himself as more of a realist than Duns Scotus, and examines whether this was in fact the case. She has a manuscript under review and an article forthcoming in *The Transactions of the Charles S. Peirce Society*. She received Virginia Tech’s 2004 Humanities Symposium Award.

**Laura Perini** has research interests in philosophy of science and philosophy of biology, a focus reflecting her background in the life sciences. She studied biology at UCLA and spent time on research in molecular biology
and biochemistry. She received her Ph.D. at the University of California, San Diego. Her dissertation was an analysis of visual representations in scientific arguments, a project that combined her interest in philosophy of science and aesthetics with an old curiosity about scientists' dependence on diagrams, graphs, and other kinds of figures. Prior to joining the department at Virginia Tech, she held a position as a visiting lecturer at Connecticut College. (On leave Fall 2004.)

**Joseph Pitt** serves as Department Head, and has major research interests in history and philosophy of science and technology, with an emphasis on the impact of technologies on scientific change. His historical interests include Galileo, Hume, and American pragmatism. He is author of several books, most recently *Thinking About Technology*, and numerous articles in the history and philosophy of science and technology. He is the former editor of the journal, *Perspectives on Science*, published by MIT Press. He is a winner of the Alumni Teaching Award and a member of Virginia Tech's Academy of Teaching Excellence, and teaches regularly at introductory, advanced undergraduate and graduate levels in philosophy of science and technology and epistemology.

**Center for Science and Technology Studies**

The Center (known originally as The Center for the Study of Science in Society) was founded in 1979 to provide a setting for an integrated approach involving historical, philosophical, sociological, and the perspectives to the study of science and technology. It draws on the considerable interest in these issues already evident in the university in regular discussion groups and a variety of courses offered on campus. The Center numbers many members of the Virginia Tech community as friends and associates, including all the faculty participating in the STS graduate program, which it coordinates.

The faculty appointed in the Center teach graduate courses in the STS program as well as undergraduate courses in the departments corresponding to their areas of expertise. Recently, they have held offices in the American Association for the Advancement of Science; the History of Science Society; the International Society for History, Philosophy, and Social Studies of Biology; the Philosophy of Science Association; the Society for History of Technology; and the Society for Social Studies of Science.

They have also held editorial positions for major journals in the field, including *Isis, Philosophy of Science, Biology and Philosophy, Perspectives on Science, and Science, Technology, and Human Values.*

The editorial offices of *Science, Technology, and Human Values* are directed by a faculty member and are housed in the Department of Sociology. Faculty have received grants from National Science Foundation, the National Endowment for the Humanities, the American council of Learned Societies, and other agencies.

The Center (often in collaboration with other units in the University) sponsors a variety of activities that help to educate graduate students about current approaches to research in science and technology studies. These include a seminar series featuring prominent scholars from around the world in various fields and an annual conference. Some past conferences included: “The Demarcation between Science and Non-Science,” “Re-examining the Scientific Revolution,” “Testing Theories of Scientific Change,” and “Continuities and Discontinuities in the Scientific Revolution.”

The Center is the administrative home of The Interdisciplinary Program in Science and Technology Studies (STS), a cooperative venture of the departments of Philosophy, History, Sociology, Political Science, and The Department of Science and Technology in Society. The STS graduate program offers the Masters and the Ph.D in Science and Technology Studies, including a **Ph.D track in Philosophy**. For more information or details, please access the CSTS web site at: [http://www.sts.vt.edu](http://www.sts.vt.edu)
The MA Program
Requirements and Policies

Note -- some of the provisions described here are contained in the Department’s Graduate Program Standards and Policies (Appendix C).

Consideration for Admission
The department makes its decisions both about admission to the program and Graduate Assistantships based on:

- Undergraduate and other graduate performance
- GRE scores
- Letters of recommendation
- The student’s answers to particular questions on the graduate application
- The quality of the writing sample.

All faculty members participate in decisions concerning admissions and Graduate Assistantships.

Applicants will normally be notified of the status of their application by April 1.

After Admission

Orientation
- Prior to the beginning of the Fall semester, the department holds a formal orientation meeting for all students. At this meeting, students are given, among other things, general information about departmental requirements and procedures, plans of study, office procedures and privileges, advising, thesis preparation, and timetables for meeting course requirements and completion of the thesis. The students are also introduced to the faculty and to continuing graduate students at this meeting.

- Departmental policies concerning review of student progress and expectations for adequate progress are specified at the orientation meeting.

Advising
At this time, each student meets with the Director of Graduate Studies (DGS) to discuss the particular student’s needs and plans. A provisional advisor is assigned to each student at this meeting. Subsequently, the student may choose to change his or her provisional advisor.

The Advisory Committee
- Before completing 12 credits, in consultation with his or her advisor, each student should form an Advisory Committee. The Advisory Committee is normally composed of a total of three members, the majority of whom must come from the Department of Philosophy. The Advisory Committee is responsible for overseeing the Student's program of study and thesis. The Advisory Committee is officially formed when the student completes a Plan of Study (see below). During the Spring term, Advisory Committees will normally be asked to forward to the Department Graduate Committee a statement of the student's progress (see Annual Evaluation of Graduate Students below). Advisory Committees have final approval authority within the program for recommendations of granting the MA degree in Philosophy. Advisory Committees are responsible for forwarding these recommendations to the Graduate School.

- Changes in a student's Advisory Committee will be granted only on approval of all Committee members, current and proposed, and the Department Head.
The Plan of Study

- All Graduate Students must submit an approved Plan of Study before completing 12 credit hours at this university. Prior to the development of the Plan of Study, each student must select an advisory committee (see above). The Plan of Study must meet the minimum required for the designated degree, and must be approved by the student's advisor or advisory committee in consultation with the DGS, and, in addition, the department head, and the Graduate School.

- Students are responsible for completing the Plan of Study form and for obtaining the required signatures.

- Any change in the Plan of Study must be approved by the student's department head, advisory committee in consultation with the DGS, and the Graduate School. Once a course on the plan of study is taken for a grade, it must remain on the plan of study.

Annual Evaluation of Graduate Students

Early in the Spring semester of each year, the Graduate Committee will meet in order to make general evaluations of all students. This evaluation will be based on a consideration of the student's grades, reports from the course professors, the annual evaluation by the student's Advisory Committee, reports on the student's work as a Teaching Assistant, if applicable, a student self-assessment letter (to be sent by students to their advisors by April 1 each year), and any other material the student wishes to submit. The evaluation will be shared with the Department.

The student will be notified of the results of this evaluation by the DGS.

Appeals

1. Appeals of the outcome of the evaluation must be made in writing to the Department Head within two weeks of the written notification of the evaluation.

2. In the event of an appeal, the Department Head will appoint an ad hoc committee, composed of three faculty members. Members of the student's advisory committee and the DGS are not eligible to serve on this committee. The ad hoc committee will reevaluate the materials and make a recommendation regarding the claims in the appeal to the Department within two weeks of being appointed. The Department Head will render the final evaluation of the student in these cases.

Forms

To ensure completeness of our records, students are required to submit copies of all forms (e.g., Selection of Advisory Committee Members, Program of Study, etc.) and their letter of self-evaluation to the Director of Graduate Studies and to the departmental secretary. Forms are available online at www.phil.vt.edu.

Requirements for the MA Degree

The MA degree requires a minimum of 30 semester hours of graduate-level coursework. Students may complete the degree by selecting either a Thesis or a Non-thesis track. Students who wish to pursue the thesis option must petition to do so after consultation with their advisors. This should take place by the end of the second semester, so that a plan of preliminary independent research can be set up for the summer and a draft of the thesis proposal can be presented to the student’s advisor by early fall of the second year. Late petitions may be considered after the summer, at the faculty’s discretion, but generally not after the first month of the fall semester of the second year.
Requirements for the two tracks:

- Thesis track students may enroll in up to 12 hours of Research and Thesis (PHIL-5994), but no more than 6 of those hours may be counted toward the 30 hour requirement. There will thus be a minimum of 24 hours of regular coursework (including independent studies) for the thesis track. Students on this track must submit and orally defend a thesis proposal in the academic term preceding the semester in which the thesis is to be submitted. The completed thesis will be evaluated by the student’s advisory committee and must be successfully defended before that committee in an oral examination (see details below).

- Non-thesis track students may enroll in up to 12 hours of Project and Report (Phil 5904), but at least 27 of the 30 hours required for the degree must consist of ordinary coursework (including independent studies). Students on this track must successfully pass a comprehensive examination consisting of exams in each of the core areas (see details below).

Virginia Tech undergraduate honors students seeking combined Bachelors and Masters degrees in five years may "double count" up to four courses as part of their undergraduate major and/or minor and as part of their Philosophy Masters program of study. That is, up to four courses taken for credit toward the undergraduate major or minor in Philosophy at Virginia Tech may also count toward the Masters Degree in Philosophy, provided that they are taken to meet graduate level requirements. In all instances, the student's program of study must be approved before the end of the junior year by the Director of Graduate Studies. Such approval will be given only after consultation with the appropriate faculty to ensure that relevant 4000-level courses were or will be taken as graduate-level courses.

**Basic Requirements**
Students must complete all course requirements listed below.

To be eligible to continue in the Master's Program, a student must maintain a minimum QCA of 3.0 (B average). Students whose QCA falls below this level may be placed on academic probation for one semester. After this semester, the student's QCA must remain 3.0 to remain in the program.

**Curriculum**
All students must complete the Core [see (a) below] and take a minimum of twelve semester hours from a list of approved courses [see (b) and (c) below]. Students will be encouraged to take appropriate courses in cognate disciplines with the prior approval of the Director of Graduate Studies. Students should be aware that not all courses are offered every year.

a. **The Core - complete items i - iv**
   (i) Two of the following:
   - Philosophy 4214 (Metaphysics)*
   - Philosophy 4224 (Epistemology)*
   - Philosophy 4614 (Phil. of Science)*
   (ii) Philosophy 5334 (Ethics)* OR
   - Philosophy 5344 (History of Ethics)*
   (iii) Philosophy 5505 (Symbolic Logic)
   (iv) Two Courses in the History of Philosophy at Graduate Level (from approved list)

*"Topics" courses of 5000 or 6000 level may be substituted for any of these requirements, subject to approval. More rarely, a student may petition to have an independent study (5974) substitute for a core requirement, but this is discouraged.
b. **Other Courses**

- Philosophy 5204 (Topics in the History of Philosophy)
- Philosophy 5305-6 (STS 5305-6) (Main Themes in the Philosophy of Modern Science and Technology)
- Philosophy 5344 (History of Ethics)
- Philosophy 5506 (Symbolic Logic)
- Philosophy 5904 (Project and Report)
- Philosophy 5974 (Independent Study)
- Philosophy 5984 (Special Study)
- Philosophy 5994 (Research and Thesis)
- Philosophy 6014 (Special Topics in Philosophy)
- Philosophy 6204 (Advanced Topics in the History of Philosophy)
- Philosophy 6314 (STS 6314) (History of the Philosophy of Science)
- Philosophy 6324 (Advanced Topics in Ethics and Political Philosophy)
- Philosophy 6334 (STS 6334) (Advanced Topics in Philosophy of Science)
- Philosophy 6504 (Advanced Logic)
- Philosophy 6514 (STS 6514) (Cognitive Studies Of Science and Technology)

(c. **Undergraduate Courses Available for Graduate Credit**

- Philosophy 4204 (Philosophy of Mind)
- Philosophy 4214 (Metaphysics)
- Philosophy 4224 (Epistemology)
- Philosophy 4304 (Topics in Social and Political Philosophy)
- Philosophy 4604 (Philosophy of Biology)
- Philosophy 4614 (Philosophy of Science)

_ALL COURSES ARE SUBJECT TO DEPARTMENT REVISION._

**Equivalent Courses**

1. Virginia Tech undergraduates admitted to the MA program in Philosophy who have already taken a required course and obtained a grade of B or better will not be required to repeat the course to satisfy the core requirement. The course may not, however, count toward the 30 hour requirement, i.e. it may not be ‘double counted’ for that purpose. Any student may petition to have courses taken at other institutions satisfy the requirement for a specific required course provided he or she presents adequate information on the course to the Graduate Committee. The Graduate School limits transfer credits to 20% of the total credits required; this means a maximum of six credits for the Philosophy Masters.

2. Specifically designated graduate courses in Metaphysics, Epistemology, or Philosophy of Science may be taken instead of Philosophy 4214, 4224, and 4614, respectively.

**Substitutions**

1. Substitutions for required courses may be granted only with the approval of the Student's Advisory Committee in consultation with the DGS and the Department Head.

   In those cases where there is no Advisory Committee for the student, substitutions may be granted only with the approval of the Advisor, the DGS, and the Department Head. The DGS will coordinate appropriate consultations.

2. In order to make course substitutions, a student will usually fill
out a Course Substitution Form. In cases where no substitution form is employed, it remains advisable for the student to have some written indication of this substitution entered into his or her file.

3. Incoming students with a strong background in logic have the option of taking an exam, the passing of which will allow the requirement of Phil 5505 to be waived. Those wishing to pursue this option should arrange with the DGS to take the exam prior to the first week of classes.

Students who have taken both Phil 3505 and Phil 3506 at Virginia Tech, and passed with a ‘B+’ or better, are exempt from the 5505 requirement. Students who have taken 3505 but not 3506 may wish to consider taking the preliminary exam to waive the requirement for 5505.

4. The Department wishes to encourage breadth in philosophical training. Course substitutions that significantly diminish achieving this objective are discouraged.

**Preparing a Thesis**

The following sections apply to all students who exercise the Thesis Option.

Prior to embarking on the major thesis project, the student must have a Thesis Proposal approved by the student's Advisory Committee (see Appendix A). When the student begins to work on a proposal for the Master's Thesis, the membership of the Advisory Committee may need to be altered at this time to reflect the student's thesis topic, subject to the above procedures (see Advising).

It is the responsibility of the student to work with his or her Committee Chair and Advisory Committee to coordinate the approval of a Thesis Proposal, communicate with the Committee members, and to arrange the date of the Thesis Defense. The student should also realize that the first person to contact on all matters pertaining to the process should be the Chair of the student's Advisory Committee.

A suggested Timetable for progress on the Thesis is outlined in Appendix B.

**Thesis Defense**

Each candidate for a master's degree must past a final examination. This examination will take the form of an oral defense of the thesis.

The date of the Thesis Defense will be determined by mutual agreement among the members of the student's Advisory Committee and the student. The scheduling of the Defense will be understood by the student and his or her Committee to indicate that the written draft is substantially complete and significant revisions are not anticipated. The purpose of the Defense is primarily to ensure the student's working familiarity with the details and implications of the thesis project. However, other topics may be explored in the Defense, within reason and at the discretion of the Committee Chair. The Student must be registered during the semester in which the final examination is administered and the degree requirements completed.

The oral defense is scheduled through the Graduate School. The student is responsible for scheduling the oral defense and obtaining all necessary forms and permissions. Forms are available at the Graduate School’s website: www.grads.vt.edu. Requests to schedule a Defense should be received at least two weeks before the date requested. Students shall obtain the examination card from the Graduate School on the day of the Defense, and return the signed card to the Graduate School office as soon as possible after the Defense.

To pass a Thesis Defense the student is allowed at most one dissenting vote from the members of the Committee.

A copy of the draft of the thesis must be given to all members of the Thesis Committee and a copy must be placed on deposit in the Department of Philosophy Office at least two weeks prior to the date of the Defense. It is the student's responsibility to make and distribute all copies of the thesis.
If a student fails the Defense, there must be a lapse of one full semester (a minimum of 15 weeks) before rescheduling the examination. The student is allowed no more than two opportunities to pass the Thesis Defense.

The defense of the thesis will be open to the faculty, and faculty members are encouraged to attend and participate in such meetings.

Following a successful defense the student is responsible for seeing that one hard bound copy of the thesis is deposited in the Department of Philosophy library, and that a properly formatted electronic copy of the thesis (ETD) is submitted to the Graduate School, along with the accompanying forms and archiving fee.

**The Non-Thesis Option**

It may be in the best interest of some students to forego the writing of a thesis in order to pursue additional course work. In lieu of writing a thesis, students exercising the Non-thesis Option must successfully pass a set of written exams covering the core areas.

**Declaration of Option:**
The Non-Thesis Option must be officially declared before the student completes 27 hours of course work at the graduate level in Philosophy. The decision to pursue the Non-Thesis Option must be made in consultation with the student’s Advisor and Advisory Committee, and must be approved by the student’s Advisor and Advisory Committee. It is suggested that this option be discussed with the Advisor by early Summer between the second and third semester, since this is when preparation for work on a Thesis usually begins.

A Master’s degree candidate is allowed to change from the Thesis to the Non-Thesis option (or vice versa) once.

If the Non-Thesis option is exercised, Research and Thesis hours (5994) will not be included in the Program of Study. **It is therefore imperative for students to be sure they have sufficient regular course hours to meet the degree requirement if they think they may wind up switching from a thesis to a non-thesis track.**

**Exam Administration:** The Comprehensive Exam will normally be given in the spring semester, in time for the successful student to apply for graduation that term. The student must be registered during the semester in which he or she takes the exam.

**Examining Committee:**
The DGS will solicit exam questions from the faculty who taught the core courses taken by the student, and these faculty will make up the examining committee and will be responsible for grading the exam.

Exam questions will cover the major areas of the core: Ethics (Ethical Theory, contemporary or historical); History of Philosophy (questions on at least two figures in the History of Philosophy); Epistemology or Metaphysics or Philosophy of Science (choice of two of these three topics), and Logic. The logic portion of the exam, however will be waived for those who either passed 5505 with a ‘B+’ or higher, or placed out of the 5505 requirement by getting a ‘B+’ or higher in both 3505 and 3506, or by getting a ‘B+’ or better on the preliminary logic exam.

Previous years’ questions can be put on file and made available to students taking the test.

**Grading:**

To pass an exam, a student must have a favorable vote from a majority of the Examining Committee.

Results of the exam will be made available in a timely manner.
If a student fails the exam, there must be a lapse of one full semester (a minimum of 15 weeks) before rescheduling the Examination.

The student is allowed no more than two opportunities to pass the Exam.

**Ph.D. in the STS Program - Philosophy Track**

Students who wish to continue their studies in philosophy at the Ph.D. level should consider the Graduate Program in Science and Technology Studies - Philosophy Ph.D. Track (STS/Philosophy). The STS program is a cooperative venture of the departments of Philosophy, History, Sociology, Political Science, and the Center for Science and Technology Studies. Students taking the STS/Philosophy Track complete basic courses in the STS core (see below) and then can devote the remainder of their studies to philosophical topics. Additional requirements include knowledge of a foreign language, preliminary examinations and a dissertation. For more information see the STS website.

**Degree requirements for STS Philosophy Track Ph.D.**

I. **STS Core Requirement** - 18 Credits
   - 5305, 5306: Main Themes in the Philosophy of Modern Science and Technology
   - Select four from:
     - STS 5105, 5106: Contemporary Issues in Science and Technology Studies
     - STS 5205, 5206: Main Themes in the History of Science and Technology
     - STS 5614: Introduction to Science and Technology Policy

II. **STS Track Requirement** - 6 Credits
   Select 2 courses from the following list:
   - STS/PHIL 6314: History of the Philosophy of Science
   - STS/PHIL 6334: Advanced Topics in Philosophy of Science
   - STS/PHIL 6514: Cognitive Studies of Science and Technology
   - STS/PHIL 6634: Advanced Topics in Natural Philosophy
   - Any STS course classified by instructor as a history course (may be taken more than once)

III. **Other Track Requirements** - 12 Credits
   Select 4 courses in philosophy, including 1 course in history of philosophy, 1 course in ethics, and 1 course in either metaphysics or epistemology

IV. **Elective Courses** - None

V. **Additional STS Requirement** - 6 Credits
   - One additional STS course not in II. (any field)
   - STS capstone seminar

VI. **Exit Requirement**
   - Logic (by exam or coursework)

VII. **Research and Dissertation**
   - STS 7994
Office Procedures

Offices and Phones
All graduate students will be provided with office and desk space (given availability) as well as access to phones and internet connections. Priority in the daily use of offices will be given to Teaching Assistants meeting with their undergraduate students.

Otherwise, graduate students are welcome to use office space for study and other class related activities and are free to enter the building at any time (keys are provided). Offices and other department facilities (computer lab, copy room, etc.) must be kept locked when not occupied.

There are phones in two of the four Graduate Student offices. Those who answer phone calls will be expected to take messages for fellow students. Priority in the use of phones will be given to communication between Teaching Assistants and their undergraduate students.

Copying and Computer Printing
Students are given access to the department’s copy machine as well as laser printers connected to computers in Graduate Student offices. Students are asked to use laser printers sparingly and only for class-related material.

Mail
All students are assigned mailbox space and can send and receive professional mail through the department. Personal mail should not be sent through university facilities.

Computer Lab
Graduate students have access to the facilities of the department Computer Lab. While the primary designated users of the Lab are undergraduates, graduate students may use the facilities when space is available.

Appendix A
Guidelines for the Structure and Form of a Thesis Proposal

Individual work plans should be discussed with the student’s advisor, but a Thesis Proposal be turned in and defended early in the semester prior to the semester in which the student expects to finish the degree. For most students, this will be the fall of the second year. Therefore, the summer between the first and second year should be set aside for independent research and background reading in preparation for the writing of a Thesis Proposal.

Proposal Contents: The proposal should include a description of the specific program of study or research to be undertaken. It should also include a review of the relevant literature and, in addition, explain the relationship of the current project to the work of other scholars in the same area.

The proposal should indicate clearly the significance of the study and the contribution it will make to the field, as well as a plan of work and a timetable, indicating the dates and times to be spent on the various aspects of the project. While this timetable will be only an estimate, it will give the student and the committee a measure of the manageability of the project within the time period designated.

The proposal should include a bibliography, comprised of a list of articles and books, with complete citations, which are the basis for the research project.

Thesis Proposals should not exceed 20 pages, and may be shorter.
Appendix B

Suggested Timetable for Completion of Master’s Thesis

The dates below reflect a suggested window of activity. Each student/advisor will work out an optimal procedure and schedule. The starred dates are set by the Graduate School, and as listed here are only approximate, as they vary from year to year. Students should consult the Graduate School’s webpage at http://www.grads.vt.edu/common/dates_deadlines.htm for a current schedule of deadlines.

Spring Semester
Final Date for Submission of final version of the Thesis to Graduate School or formal completion of paperwork:
April 25 in order to participate in the university commencement.
May 23 in order to be a member of the spring class.

Oral Defense
should be early enough to allow two weeks for final revisions and document preparation (defense cannot occur more than two weeks prior to submission of thesis in ETD format to Graduate School)
April 15

Submission of final draft to Committee
(allowing two weeks for full Committee examination of the thesis)
April 1

Submission of full draft to Chair (or full Committee, depending on the agreed on work pattern) allowing two weeks for Chair/Committee to read and comment
March 17

Last Day to Apply
(submit an “Application for Degree” form to the Graduate School)
February 28*

Appendix C

Graduate Program Standards and Policies
Department of Philosophy

What follows is the Department’s official Standards and Policies on file with the Graduate School. This document is pursuant to Presidential Policy Memoranda 126/152 (April 27, 1992, April 3, 1995).

I. Statement of Non-Discrimination

Virginia Tech does not discriminate against employees, students, or applicants on the basis of race, color, sex, sexual orientation, disability, age, veteran status, national origin, religion, or political affiliation.

The University is subject to titles VI and VII of the Civil Rights Act of 1964, Title IX of the Rehabilitation Act of 1973, the Age Discrimination in Employment Act, the Vietnam Era Veteran Readjustment Assistance Act of 1974, Federal Executive Order 112146, Governor Allen’s State Executive Order Number Two, and all other rules and regulations that are applicable. Anyone having questions concerning any of those regulations should contact the Equal Opportunity/Affirmative Action Office.

II. Faculty Roles and Duties
1. The Director of Graduate Studies will serve as liaison with appropriate college deans. In his/her absence, the Department Head will serve in this capacity.

2. Advising. All faculty with Ph.D. degrees are eligible to serve on student advisory committees and thesis committees. The responsibilities of particular members of advisory and thesis committees will be negotiated among the members of the committees and the student, in consultation, when necessary, with the Department Head and Director of Graduate Studies. All faculty with Ph.D. degrees are expected to make themselves available to serve on advisory and thesis committees, but the department makes every effort to ensure that no faculty member is over-burdened with advising duties. Any questions regarding the make-up or procedures of advisory committees should be referred to the Department Head (or, if necessary, to the Director of Graduate Studies).

III. Admissions Procedures and Requirements

1. The department requires that all applicants to the Graduate Program supply the following materials: (i) Completed Graduate School application form; (ii) Undergraduate transcripts; (iii) Three letters of recommendation; (iv) Graduate Records Exam (GRE) scores; and (v) One writing sample.

Materials listed under ii-v may be waived at the department’s discretion in special cases.

2. Applications requesting financial assistance in the form of a Graduate Assistantship should be received by March 1, though in special circumstances the Department will consider applications submitted at a later date. Applications for admission to the program without financial support may be considered at any time prior to the beginning of the semester in which the student wishes to enter the program.

The Department makes its decisions both about admission to the program and Graduate Assistantships based on undergraduate and other graduate performance, GRE scores, letters of recommendation, the student’s answers to particular questions on the graduate application, and the quality of the writing sample. All faculty participate in decisions concerning admissions and Graduate Assistantships.

IV. Orientation

1. Prior to the beginning of the Fall semester, the Department holds a formal orientation meeting for all students. At this meeting, students are given, among other things, general information about the following: Departmental requirements and procedures, plans of study, office procedures and privileges, advising, thesis preparation, and timetables for meeting course requirements and completion of the thesis. The students are also introduced to the faculty and to continuing graduate students at this meeting. Departmental policies concerning review of student progress and expectations for adequate progress are specified at the orientation meeting. At about this time, each student meets with the Director of Graduate Studies to discuss the particular student’s needs and plans. A provisional advisor is assigned to each student at this meeting. Subsequently, the student may choose to change his or her provisional advisor.