

COURSES OF INSTRUCTION

If you would like to begin your studies with a course that helps you strengthen your academic writing skills, you may wish to consider one of the following options:

AK/EN 1400 6.0 concentrates on developing the discipline of effective comprehension and expression in English. This course is open to students who have completed fewer than ten courses. It does not count as one of the four required General Education courses, but it does count as an elective.

AK/EN 1480 3.0 or **AK/MODR 1780 3.0** stresses academic writing and textual analysis. This course is open to students who have completed fewer than six courses. When taken as **AK/MODR 1780 3.0** and combined with **AK/MODR 1790 3.0**, it will be counted toward the Modes of Reasoning General Education requirement.

GENERAL EDUCATION COURSES

GENERAL EDUCATION COURSES DO NOT FULFIL ELECTIVE REQUIREMENTS.

HUMANITIES

AK/HUMA 1700 6.0 Special Topics. In any given year, a further number of courses may be offered. Information concerning these will be made available at the departmental office in March.

AK/HUMA 1709 6.0 Related Topics. Treatment of related topics in Humanities.

AK/HUMA 1710 6.0 The Roots of Western Culture. The Ancient World (ca. 1000 B.C.-400 A.D.). Two historical cultures have had an important role in shaping modern thought: the Graeco-Roman and Judaeo-Christian. This course explores these cultures through selective study of their literature, philosophy, and religious thought.

AK/HUMA 1720 6.0 The Roots of Western Culture. The Modern Period (ca. 1500-1900). Our modern conception of ourselves has evolved from issues debated particularly since the Reformation and Scientific Revolution. This course will explore these issues by drawing upon literature, art, and social, religious, political and philosophical texts.

AK/HUMA 1730 6.0 The Roots of Modern America. An exploration of ideas, images and events which have created the culture of the United States using literature, art, and social and political commentary.

AK/HUMA 1740 6.0 The Roots of Modern Canada. This course introduces the student to some of the main themes in the development of Canadian culture as they manifest themselves in Canadian history, literature, politics and fine arts. Canadian culture is studied, in large measure, as the working out of European and other traditions in the experience and consciousness of Canadians as peoples within a North American context.

AK/HUMA 1740 6.0 Les racines du Canada de nos jours. Ce cours présentera quelques-uns des thèmes principaux qui ont figuré dans le développement de la culture canadienne tels qu'ils se sont manifestés dans l'histoire, la littérature, la politique et les beaux arts du Canada. Les liens entre la culture canadienne-autochtone, canadienne-française, canadienne de langue anglaise, ou autre-vécus par les peuples du Canada dans le contexte nord-américain et son arrière-plan dans les cultures de l'Europe et de l'Amérique seront étudiées de près.

Note: Ce cours sera donné en français, mais les lectures seront dans la langue d'origine des textes et les travaux et examens seront reçus soit en anglais soit en français.

AK/HUMA 1750 6.0 The Roots of Western Culture. The Contemporary Period (ca. 1900-present). This course will explore from several perspectives some of the major themes and issues with which modern thought and literature have been concerned.

AK/HUMA 1760 6.0 Freedom and The Individual. This course examines from many perspectives the different conceptions of freedom that have emerged within the Western intellectual tradition, the various possibilities proposed for achieving political freedom in the contemporary world, and the debate concerning the extent to which people have choice.

AK/HUMA 1790 6.0 Business, Tradition and Culture. This course surveys Western attitudes toward money-making and business from the early Judaeo-Christian period to the present. In particular, it explores literary and philosophical ideas about capitalism, money, and success, especially in the 19th and 20th centuries.

Note: Not open to students who have taken AK/HUMA 1700 6.0.

AK/HUMA 1800 6.0 The Roots of Western Culture. The Middle Ages and Renaissance (ca. 400-1600 A.D.). This course will explore from many perspectives the significant developments that occurred in the Middle Ages and Renaissance in politics, religion, art and literature. The course also will examine their continuing impact upon subsequent Western thought and literature.

AK/HUMA 1830 6.0 Concepts of the "Male" and the "Female" in the Western Culture. In this course various concepts of "male" and "female" are investigated as these are manifested in the arts and literature of a variety of cultures, past and present.

AK/HUMA 1850 6.0 The Bible and Modern Contexts. The course examines selected biblical texts, their social and historical contexts, and selected current issues such as the goddess, role of women in religion, social critique, sexual ethics, spirituality, and biblical interpretation.

MATHEMATICS

Mathematics General Education courses are suitable for all students regardless of mathematical background. The emphasis in these courses is on ideas and their cultural implications. The exception is **AK/MATH 1710 6.0** where a preliminary knowledge of elementary algebra is necessary. The focus of **AK/MATH 1710 6.0** is on mastering the skills and knowledge essential for in-depth work in any of the mathematically related disciplines; administrative studies, computer science, economics or natural science.

Note: Mathematics courses listed in the Major/Elective section of the Calendar do not fulfil the MATH/MODR General Education requirements.

AK/MATH 1700 6.0 The Nature and Growth of Ideas in Mathematics. Students are shown the central position of mathematics in our culture: great discoveries in mathematics and their effect on general culture and society; history of mathematics; mathematics of art and architecture, sound, games and gambling, and computing.

AK/MATH 1710 6.0 Fundamentals of Mathematics. A course of consolidation, review, and enrichment of basic mathematical principles and techniques. Topics to be covered include: algebraic equations and inequalities, analytic geometry, trigonometry, elements of finite mathematics, and an introduction to calculus.

Note 1: To register in this course students must have first either passed a prerequisite test in Ontario Grade 12 advanced-level mathematics, or have successfully completed, with at least a grade of B, the Continuing Education course CEP3910, Mathematics. An information sheet describing both the continuing education course and the prerequisite test is available from Student and Academic Services, 123 Atkinson and the department office.

Note 2: This course is not open to students having taken any higher level mathematics course. In particular it is not open to any students having taken an Arts or Science math course whose first two digits are 15.

Note 3: Equivalent of AK/MATH 1710 6.0: Students who have successfully completed all three Ontario OAC mathematics credits in the last two years are considered to have the equivalent of AK/MATH 1710 6.0. Students who have not done so but who believe they may have the equivalent of AK/MATH 1710 6.0 may write an exemption test. Details are available through the Department office.

AK/MATH 1720 6.0 Statistics and Reasoning. This course will attempt to provide some insight into the nature, scope and limitations of statistical analysis in modern society. The questions to be studied are: What types of observation or measurement exist and what approaches are used to summarize and analyze the data thus generated? Are statistics value-free? How do inductive and deductive reasoning enter into the statistical process? Examples such as the consumer price index, opinion polls, lotteries, etc., may be discussed.

Note: Not open to students who have taken or are taking AK/MATH 2560 3.0, or who have received advanced standing for the equivalent.

AK/MATH 1730 6.0 Mathematics and Cosmology. Many of the great systems of knowledge (scientific, religious, or philosophic) have used the language of mathematics to express understanding of the universe. The role of mathematics will be examined in various systems. These will include: the I-Ching, legends of ancient Egypt, the Quaballa, astrology, Pythagorean mysticism, Greek philosophy, and modern physics. This course is suitable to all students regardless of mathematical background.

AK/MATH 1740 6.0 Personal Computers and Mathematics. An introduction to personal computers, their uses and their impact on society. Relationships between mathematics and computers will be explored. Number systems, mathematical problem solving and game theory. Discussion of computer-generated graphics and music, simulation and robotics, prospects for artificial intelligence. No mathematical background or programming knowledge required.

MODES OF REASONING

General Course Description for all Modes Courses

The overall purpose of all Modes of Reasoning courses is to enable students to develop critical skills applicable to the analysis of texts, to arguments encountered in every day situations, and to concrete problems. The first half of every course will be devoted to learning analytical techniques. Use and misuse of language will be examined. Conceptual, factual and evaluative issues will be distinguished. The basic forms of reasoning, their uses and limits will be analyzed. Fallacies which are frequently found in ordinary discussion, academic texts, mass media, advertising, etc. will be carefully studied. The avoidance of these fallacies and learning techniques of conceptual analysis will be a major concern of this half. The aim is to help students to reason correctly and to express themselves clearly and precisely in verbal and written form. The second half of each course will be concerned with putting into practice the techniques learned from the first half. Students will be given ample opportunity to apply their critical skills on concrete materials and practical issues. For this purpose different Modes courses use examples drawn from different areas. The following courses reflect the difference in focus in the second half.

Note: Students are advised before registering in a course to consult the detailed course outlines on the Internet (<http://www.atkinson.yorku.ca/course/>). This is particularly important whenever two or more sections of a course are being offered in any particular session as important differences of emphasis may exist relating both to content and methodology.

AK/MODR 1700 6.0 Special Topics. In any given year, a further number of courses may be offered.

- A. Reasoning About Women and Sexism
- B. Thinking Critically About Art

AK/MODR 1730 6.0 Reasoning About Social Issues. The particular focus of this course is on the mass media concerning social issues, different positions taken on issues such as abortion, euthanasia, pornography, immigration, etc. Typical examples are to be analyzed.

AK/MODR 1750 6.0 Analysis of Educational Concepts. This course considers as illustrative material the main concepts and theories that dominate the thinking about and the practice of education (e.g. indoctrination, learning, knowledge, moral education).

AK/MODR 1760 6.0 Reasoning About Morality and Values. This course uses examples drawn from areas of thought where value judgments are made. Different sections will stress different topics in ethics, aesthetics, religion or law.

AK/MODR 1770 6.0 Techniques of Persuasion. This course takes examples from the various modes of persuasion including advertising, propaganda and political argument.

AK/MODR 1780 3.0 Writing with Reason. Using material from the humanities and social sciences, this course develops students' skills in academic writing and textual analysis, while introducing strategies for assessing how arguments are constructed and evaluated in various academic disciplines. (Same as AK/EN 1480 3.0)

Note 1: This course is designed to be combined with AK/MODR 1790 3.0, and when combined, to fill the Modes of Reasoning General Education requirement. Students who intend to take Modes 1790 3.0 for this purpose should know that they must do so by their fifth course (30 credits).

AK/MODR 1790 3.0 Reasoning with Concepts. Using social and ethical issues, this course teaches skills for isolating conceptual issues, for thinking about them critically, and for articulating them in essays and extended arguments. (Same as AK/EN 1490 3.0)

Prerequisite: AK/MODR 1780 3.0 or AK/EN 1480 3.0.

Note: Not open to students who have completed five full courses (30 credits).

AK/MODR 1791 3.0 Modes Foundations in the Social Sciences. This course teaches foundational skills in writing, critical reasoning and conceptual analysis. Students learn how to think critically about conceptual issues found in Social Science texts and to write essays organized as long extended arguments based on their analyses.

Prerequisite: A 1000 level Social Science course taken in conjunction with or before this course. It does not satisfy the Atkinson Modes of Reasoning requirement.

Note: Not open to students who have completed five full courses (30 credits).

NATURAL SCIENCE

Note: Unless otherwise stated the following courses do not require a specific prior knowledge of Mathematics and Science.

Note: Students who have successfully completed Humanities, Social Science, and Mathematics/Modes of Reasoning may take a 2000 or 3000 level Science Studies course to fulfil the Natural Science General Education requirement.

AK/NATS 1700 6.0 Computers, Information and Society. Selected survey of the history of computing, information technology and communication, and critical discussion of their social impact.

AK/NATS 1710 6.0 The Nature and Growth of Science. A course designed to introduce students to the scientific attitude through an exploration of the development and present character of certain major ideas in science. The emphasis will be on the social, religious, and philosophical significance of these ideas. There will be extensive discussion of the lives of major scientists and of the place of science in history. The central themes are the ways in which scientific ideas arise and how they gain acceptance.

AK/NATS 1720 6.0 Exploration of The Universe. A study of the universe and the science of astronomy. The course will include such topics as: modern astronomical tools and techniques, the solar system, the sun, stellar astrophysics, galaxies, relativity and the expanding universe, cosmology and the question of life in the universe. The course may include observations and laboratory sessions.

AK/NATS 1730 6.0 Extraterrestrial Life. Science's search for life in the solar system and beyond. What is terrestrial life? How did it arise and evolve? What chances are there that something similar may have developed elsewhere in the universe? How can we find out?

AK/NATS 1740 6.0 The Earth in Time and Space. A study of the major ideas of modern geoscience. Topics may include the development of ideas about the solar system and the earth's history, the methods of dating the earth and astronomical objects, processes which sculpt the earth's surface, climate and theories of climate change, ocean tides and currents, mountain building, the earth's interior, the concept of continental motion, theories of the nature of the universe and of the origin of stars and galaxies, the origin and evolution of life, and the possibility of life elsewhere. The course emphasizes scientific method and attitudes; it does not require technical training.

AK/NATS 1760 6.0 Science, Technology, and Society. A study of the intellectual and social nature of science and technology, their similarities and differences. The course may deal with the impact of scientific and technological advancements on societies, both past and present. Among the topics discussed are the problems of industrial growth, energy, pollution, governmental policy on science and the humanities, and the future of technological societies.

AK/NATS 1770 6.0 The Origin, Nature and Diversity of Life. This course will introduce life's major biological processes and diversity, and consider implications of modern biology for people. Emphasis may vary among sections but will include: philosophy and practice of science, structure and function of living organisms, genetics and evolution, animal behaviour and ecology.

AK/NATS 1780 6.0 Technology and Civilization. A study of the most important technological advances and their impact upon civilization, this course will focus upon selected important innovations (e.g. mechanized agriculture, wind, water, steam and nuclear power generation, aviation and railways, and communications).

AK/NATS 1790 6.0 Science and the Environment. An examination of our dual role as a biological component of the ecosystem of which we are a part, as well as managers of that same ecosystem. Emphasis may vary among sections. The course is divided into four inter-related areas: (1) examination of environmental problems; (2) physical, chemical and biological principles pertinent to ecological problems; (3) evolutionary and ecological principles; (4) ecological management and problem solving.

AK/NATS 1800 6.0 Science and Everyday Phenomena. How do scientists approach familiar things and everyday phenomena? What kinds of assumptions do they make about them? Why do they turn the obvious into problems?

AK/NATS 1810 6.0 Science and Creativity. A course designed to investigate the creative part of scientific investigation, how creativity of the individual scientist reflects upon theory and practice. Specific examples will be studied in their historical, philosophical, sociological and psychological aspects.

AK/NATS 1820 6.0 Human Development. A study of biological development of the human being including the formation of germ cells, the process of fertilization, early embryological development, transmission of genetical and chromosomal characteristics and the histology of growing tissues. Where necessary, observations and experiments are employed. Emphasis may be placed on child development, learning, or on human evolution.

AK/NATS 1830 6.0 Frontiers of Modern Science. A non-technical survey of current progress in selected areas of the natural sciences. Topics may include: the origin of the earth and planets, the age of the earth, continental drift, relativity, theories of the nature of the universe, new objects in space, the origin of life, modern evolution, science and society, ethical problems raised in science, ecological questions in science, pseudo-science, and philosophical issues in science.

AK/NATS 1840 6.0 Biology, Medicine and the Human Body. The scientific bases of modern medicine will be discussed in relation to important issues of human physiology and health. Emphasis may vary among sections and topics may include human nutrition, pharmacology, public health, medical education, and the history of medicine and physiology.

AK/NATS 1850 6.0 Science and Pseudo-Science. An examination of such topics as astrology, extrasensory perception, the ideas of Velikovsky, as examples of widely held beliefs which meet with little approval in the scientific community. The course will attempt to clarify the methodological and social criteria by which science functions in contrast with the attitudes prevalent among those operating along its fringes. It will also seek to describe how heretical hypotheses and theories may become part of accepted scientific understanding as well as the varied bases on which they may remain excluded.

AK/NATS 1860 6.0 Genes, People and Populations. The central idea of genetics, evolution and population biology: their significance for people now and in the future. Topics will include the population explosion, genetic engineering and ecosystems.

AK/NATS 1890 6.0 Selected Topics in Natural Science. In any given year, a further number of courses may be offered.

A. Introduction to Science: Symmetry

AK/NATS 1900 6.0 Special Topics. In any given year, a further number of courses dealing with topics not ordinarily covered may be offered.

AK/NATS 1999 6.0 Related Topics in Natural Science. The topic covered will vary each year.

SOCIAL SCIENCE

AK/SOSC 1700 6.0 Women in Canada. This course will provide an overview of Canadian women's evolving roles and their response to these roles as both cause and product of changing economic, social and cultural conditions. We will examine such things as woman's changing role in the family and workplace and the rise of the women's movement.

AK/SOSC 1710 6.0 People in Society. A consideration of the theoretical and empirical contributions of anthropology, psychology and sociology to the understanding of people as related to their environment. Topics will include: the foundations of interpersonal behaviour, socialization; the development of culturally shared values and beliefs, and their relation to personality.

AK/SOSC 1720 6.0 Western Civilization: Costs and Benefits. Evaluates the rise of the West, emphasizing the development of capitalism, imperialism and globalization and the theory and practice of liberal democracy. Grounded in contemporary problems and challenges, the course also examines alternative political and economic perspectives.

AK/SOSC 1730 6.0 Urbanization and Urban Issues. An assessment of urbanization and of some modern issues associated with the rapid growth of cities particularly in Canada. The course will embrace such issues as: urban blight, pollution, urban sprawl, social and economic inequalities, city administration, and prescriptions for improvement of urban living.

AK/SOSC 1740 6.0 Poverty and Social Change. A multidisciplinary examination of the character, types and extent of poverty in the modern world. Within the framework of rapid social change, the course will focus on the problems of poverty in industrial nations with special reference to Canada.

AK/SOSC 1760 6.0 An Introduction to The Political Economy of Canada. This course will present a broad survey of the political, social and economic problems which are currently facing Canada. Among the issues discussed will be: the evolution of the Canadian class structure, regional conflicts, nationalism, Canadian independence, foreign control and separatism.

AK/SOSC 1770 6.0 Canada: Living in a Northern Environment. Canada's "northness" makes it both challenging and vulnerable. The course will focus on ingrained attitudes toward nature, assessments of resources as life support system, and resulting land uses. Canadian regions and identity, conservation ethics, and specific influences on environmental quality will be included.

AK/SOSC 1780 6.0 The Human Life Cycle in Canada. In tracing the life cycle from birth to death, we examine at each stage the relationship between the individual and the various social, political and economic institutions and processes through which the individual passes. The family, psychological development, schooling, the workplace, medicine and psychiatry, aging and death, will be studied.

AK/SOSC 1800 6.0 Childhood, Schools and Society. A historical and current analysis of what happens to children in school. Among the questions considered are the meaning of socialization, the basis of literacy and the relationship of school and work. While focused on Canada, the course will touch on the experiences of the Third World, England, and the United States.

AK/SOSC 1810 6.0 Communication and Mass Media. An analysis, from a social science perspective, of the influence of the popular or mass media on the individual and his/her society. The course will be both historical and contemporary in scope.

AK/SOSC 1820 6.0 Democracy in Canada: Myth and Reality. A critical introduction to the changing form and function of direct and indirect participation of citizens in the formulation and execution of policies. Democratic theory and practice will be evaluated in relation to social change and the maintenance of existing social order. Special attention will be paid to the interconnections between family, education, work and political participation.

AK/SOSC 1830 6.0 Social Issues in Contemporary Canada. Explores key social issues that will be crucial in shaping our future, such as the environment, federalism, unemployment/inflation, civil liberties, and the threat of global war. Citing the works of different social and political theorists, various responses to these issues will be explored.

AK/SOSC 1840 6.0 Canadian Development. An analysis of the forces in Canadian society which control the processes of social, economic and political development. The course will also introduce selected theories of development and relate them to the Canadian experience.

AK/SOSC 1850 6.0 Money, Property and Community Responsibility in the West. A review and evaluation of the major ideas developed in the Western world concerning money, property and community responsibility and an examination of contemporary trends.

AK/SOSC 1870 6.0 Industrial Development and the Environment. Concerns about ecology and the destruction of our environment are currently widespread. This course explores the historical pattern of western development and resource exploitation and evaluates possible alternatives, present and future, from an interdisciplinary perspective.

AK/SOSC 1880 6.0 Social Change in Canada. An analysis of the problem of change in Canadian social structure. Topics to be covered include recent trends in social institutions, the politics and management of change, the social and psychological consequences of rapid and extensive change and the ideologies we bring to understanding change.

AK/SOSC 1890 6.0 The University in Individual and Social Life. This course is designed to improve understanding of the University and its evolution as an intellectual and human community and as a social and political organization. The purposes and problems of the University and the opportunities before it will be examined critically in the light of emerging human and social needs.

AK/SOSC 1900 6.0 Sexuality, Gender and Society. This course examines how the meaning and significance of sexuality, family, work and public life have varied historically for men and women. It is particularly concerned with analyzing the social definition and control of women and homosexuality, which has largely taken place in the interests of the dominant class of heterosexual "masculine" males.

AK/SOSC 1910 6.0 Third World Countries and Underdevelopment. An examination of the historical origins and subsequent perpetuation of underdevelopment in the Third World; the attempts of selected countries to overcome their state of underdevelopment. This will entail a survey of socio-economic structures and political institutions within Third World countries and an analysis of their relationships to the metropolitan industrialized countries.

AK/SOSC 1920 6.0 Male-Female Relationships. This course explores some of the basic issues which influence male-female relationships and experience in western society. Property, sexuality, socialization, and culture are considered with attention to the social science literature in these areas as well as contemporary expressions in male-female relationships.

AK/SOSC 1930 6.0 Health, Medicine and the Social Sciences. Every society has its healers, healing traditions and institutions. Viewing the Canadian experience from a comparative perspective, this course will examine the interrelationship of disease, health and medicine and the link of these, in turn, to socio-economic structure, political and cultural context and physical environment.

AK/SOSC 1940 6.0 Ontario: Problems and Prospects. An introduction to the social sciences through a study of problems that face Ontario in the 1990s. Included is an examination of policy debates about free trade, new technology, energy and resource development, the future of manufacturing, and federal-provincial relations.

AK/SOSC 1960 6.0 Men and Masculinity. The social and psychological construction of masculinity, with attention to both the privileges and costs for men in male-dominated societies, and to the relation of social structures and individual relationships in shaping gender identity.

MAJOR/ELECTIVE COURSES

ADMINISTRATIVE STUDIES

AK/ADMS 1000 3.0 Introduction to Administrative Studies. This course provides an overview of the context within which modern organizations operate. The course will examine the development of organizational and managerial theories. A number of contemporary issues and the organizational responses will be discussed.

Prerequisite: None.

Note: Not open to students who have taken AK/ADMS 2000 3.0; AK/ADMS 2000 6.0 or AK/ADMS 2010 3.0.

AK/ADMS 1500 3.0 An Introduction to Accounting: The Analysis and Use of Financial Information. An introduction to accounting which is specifically designed for individuals not planning on majoring in accounting. In addition to providing an overview of the discipline, the course focuses on the uses of accounting information in personal and business contexts.

Prerequisite: None.

AK/ADMS 2300 6.0 Research Methods in Health Studies. This is an introductory course in health care research from an epidemiological perspective. The purpose of this course is to focus on research design; methodological problems and issues; and specific statistical approaches used to analyze this type of research.

Prerequisite: AK/MATH 1710 6.0 or AK/MATH 1720 6.0.

Note: Not open to students who have taken AK/NURS 2700 6.0.

AK/ADMS 2400 3.0 Introduction to Organizational Behaviour. This course introduces concepts of individual and group behaviour as they affect performance in organizations. Topics covered include motivation, communication, decision-making, leadership, and structural issues. Lectures and case discussions are employed to develop theoretical models and illustrate their use.

Prerequisite: AK/ADMS 1000 3.0.

AK/ADMS 2430 3.0 Business in the Canadian Context. An examination of the interaction between business and government. The impact of key public sector institutions and policies on business practices and strategic decision making and current political, economic and legal issues in the Canadian context are addressed.

Prerequisite: AK/ADMS 1000 3.0.

Note: Not open to students who have taken AK/ADMS 2410 3.0 or AK/ADMS 2420 3.0.

AK/ADMS 2500 3.0 Introduction to Financial Accounting. Accounting is called the language of business because it measures the impact of economic activity and communicates the results to interested parties. This course introduces basic concepts and techniques in financial reporting.

Note: AK/ADMS 1000 3.0 is not a prerequisite for AK/ADMS 2500 3.0, but is strongly recommended.

Note: This course has a strong computer emphasis. Students will require access to a personal computer that runs the Windows 95 operating system and has multi-media capability. Learning resources available on the World Wide Web are utilized so an Internet connection is also needed.

For students without personal access to these computing requirements, there are university microlabs available.

For students with no computing background, the course will offer voluntary tutorials in basic computing skills at the beginning of the semester.

AK/ADMS 2510 3.0 Introduction to Management Accounting. Managers need relevant information to plan, control and make decisions. This course examines the needs of management and the accounting techniques available to satisfy those needs.

Prerequisite: AK/MATH 1710 3.0, AK/ECON 1000 3.0, AK/ADMS 2500 3.0 or AK/ADMS 1500 3.0.

Note: Not open to students who have taken or are taking AK/ADMS 2520 3.0.

AK/ADMS 2800 3.0 Introduction to Real Estate Valuation, Part I.

This course examines the concepts, principles, and process of real property appraisal and introduces the more common legal interests in land; land registration; land use control; the mathematics of finance; and mortgage lending.

Prerequisite: AK/ADMS 1000 3.0.

Note: Not open to students who have taken AK/URST 2430 3.0 or AK/URST 2440 3.0.

AK/ADMS 2810 3.0 Introduction to Real Estate Valuation, Part II.

This course outlines the basic methods for the determination of real property values-including cost, income, sales comparison and reconciliation approaches. Changes in value, for example through obsolescence, rehabilitation or redevelopment are examined.

Prerequisite: AK/ADMS 2800 3.0.

Note: Not open to students who have taken AK/URST 2450 3.0.

AK/ADMS 3000 3.0 (3000 6.0) Directed Reading. A reading and research course suited to students with special interests. Students will select areas of study in consultation with an appropriate faculty member.

Prerequisite: 78 credits including AK/ADMS 1000 3.0, AK/ECON 1000 3.0; AK/ECON 1010 3.0, and 6 credits in quantitative methods, or, for students with equivalent preparation, permission of the Chair of Administrative Studies.

Note: Students must be accepted by a faculty supervisor before they can register in either of these courses. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Department Chair is also required.

AK/ADMS 3120 3.0 Women and Business. This course examines issues that relate to women in business, including for example the glass ceiling, impostor complex, and pay equity. Emphasis is on understanding issues and effecting change. This is an equal opportunity course: men are welcome.

Note: Not open to students who have taken AK/ADMS 3130G 3.0, AK/WMST 3001J 3.0 or AK/WMST 3120 3.0.

AK/ADMS 3130 3.0 (3130 6.0) Special Topics. The instructor and subject of this seminar course will vary from session to session. Topics to be selected in consultation between faculty and students.

- C. Logistics Management in Canadian Transport (3.0)
- E. Marketing of Real Estate (3.0)
- N. Introduction to Municipal Law (3.0)
- P. Marketing in Health Services (3.0)

AK/ADMS 3200 3.0 Introductory Marketing. Covers the fundamentals of marketing theory, concepts and management as applied to marketing's strategic role in meeting customer needs; products/service, price, promotion, distribution, consumer, market, positioning, ethics, research: it utilizes lecture, oral and written work, case studies, and a marketing plan.

AK/ADMS 3280 3.0 Contemporary Issues in Marketing. Students consider everyday practical issues as exemplified in readings from business newspapers and relate them to classic marketing theory articles. Includes issues such as the environment, ethics, and gender. May involve group and individual discussion and participation.

Prerequisite: AK/ADMS 3200 3.0.

AK/ADMS 3300 3.0 Decision Analysis. This course provides an introduction to decision analysis under conditions of certainty, uncertainty, risk and competition. Both single person and group decision making are covered. Problems from many areas of managerial decision making are considered.

Prerequisite: AK/ADMS 2400 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0; and completion of the departmental quantitative methods requirement.

AK/ADMS 3320 3.0 Quantitative Methods. An integrated approach to analyzing business problems from various functional areas. Practical business problems are analyzed using quantitative techniques including probability, statistical inference, estimation, and regression as well as non-parametric approaches. (Same as AK/MATH 2720 3.0)

Prerequisite: AK/MATH 1710 6.0 or one OAC Mathematics course, AK/ADMS 1000 3.0.

Note: This course is not open to students who have taken AK/MATH 2430 6.0; AK/MATH 2030 3.0; AK/MATH 2560 3.0; AK/MATH 2570 3.0; AK/ECON3470 3.0 or equivalent; and is not open to Mathematics majors.

Note: Use of an IBM-compatible computer required. There are now limited drop in times available at the Atkinson Micro Lab for those who do not have access to the necessary equipment.

AK/ADMS 3330 3.0 Quantitative Methods II. This course continues with a case-oriented approach to quantitative business analysis and research methodologies. Statistical techniques, operations research techniques such as linear programming and modelling, metric and non-metric data analysis are amongst the techniques used. (Same as AK/MATH 2730 3.0)

Prerequisite: AK/ADMS 3320 3.0.

Note: This course is not open to students who have taken AK/MATH 1420 3.0 or AK/MATH 2430 6.0; AK/MATH 2030 3.0; AK/MATH 2560 3.0; AK/MATH 2570 3.0; AK/ECON3480 3.0 or equivalent and is not open to Mathematics majors.

Note: Use of an IBM-compatible computer required. There are now limited drop in times available at the Atkinson Micro Lab for those who do not have access to the necessary equipment.

AK/ADMS 3350 3.0 Bayesian Inference and Decision Making. This course takes a quantitative approach to decision making, including a coverage of Bayesian inference, decision theory, prior, posterior, and preposterior analysis using discrete and continuous distributions. Emphasis is given to understanding concepts and the use and application to administration. (Same as AK/ECON 3110 3.0 or AK/MATH 2750 3.0)

Prerequisite: AK/ADMS 3320 3.0.

AK/ADMS 3351 3.0 Managerial Operations Research. Introductory treatment of operations research topics and applications to functional areas in administration. This includes linear programming, formulation, graphical solutions, simplex solutions, sensitivity analysis, duality, and computer solutions; assignment/transportation problems, integer programming, network models, dynamic programming, and computer simulation. (Same as AK/ECON 3120 3.0 or AK/MATH 2751 3.0)

Prerequisite: AK/ADMS 3320 3.0.

AK/ADMS 3352 3.0 Sampling Techniques and Survey Design. This course deals with different sampling techniques and their applications to management problems. Survey design, pilot surveys, use of focus groups, in-person interviews, mail surveys, and polling, will also be dealt with. (Same as AK/ECON 3130 3.0 or AK/MATH 2752 3.0)

Prerequisite: AK/ADMS 3320 3.0.

AK/ADMS 3360 3.0 Integrated Logistics Management I. The purpose of this course is to describe the role of physical distribution and transportation in business and the impact that these factors can have on market share and profitability in a competitive marketplace.

Prerequisite: AK/ADMS 2430 3.0; AK/ADMS 2510 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0; and completion of the departmental quantitative methods requirement.

AK/ADMS 3370 3.0 Integrated Logistics Management II. This course deals with management of the purchasing function, materials management and inventory management in modern organization. The course is taught by a combination of explanation of theory and study of case histories.

Prerequisite: AK/ADMS 2430 3.0; AK/ADMS 2510 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0 and completion of the departmental quantitative methods requirement.

AK/ADMS 3380 3.0 Integrated Logistics Management III. This course deals with advanced logistics management in both the private and the service sectors. It provides an integrated logistics approach to all phases of materials management and materials handling for both manufacturing and non-manufacturing organizations.

Prerequisite: AK/ADMS 2430 3.0; AK/ADMS 2510 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0 and completion of the departmental quantitative methods requirement.

Note: Not open to students who have completed AK/ADMS 3130D 3.0.

AK/ADMS 3390 3.0 Integrated Logistics Management IV. Order processing, warehousing, transportation, management methods and tools used to deal with key issues in logistics operations and their impact on customer service, costs, and corporate profits. Course is taught with theory, case histories, and presentations by guest speakers.

Prerequisite: AK/ECON 1000 3.0; AK/ECON 1010 3.0; AK/ADMS 2510 3.0; and completion of the departmental quantitative methods requirement.

Note: Not open to students who have taken AK/ADMS 3460 3.0.

AK/ADMS 3400 3.0 Occupational Health and Safety. Covers federal and provincial occupational health and safety legislation, hazard identification and control, physical agents, chemical agents, socio-psychological aspects of health, and the management of safety programs.

Prerequisite: AK/ADMS 1000 3.0.

Note: Prerequisites waived for Non BAS students taking it solely as an elective.

AK/ADMS 3410 3.0 Training and Development. Covers the corporate training process of needs analysis, objective setting, programme design, adult education, equity in training, methods and evaluation, as well as alternatives to training, and the role of stakeholder.

Prerequisite: AK/ADMS 1000 3.0; AK/ADMS 2400 3.0, or, an introductory psychology or sociology course. Prerequisites waived for Non BAS students taking it solely as an elective.

Note: Not open to students who have taken AK/SOCI 3930 6.0, AK/SOCI 4500 6.0, AK/ADMS 3410 6.0.

AK/ADMS 3422 3.0 Industrial Relations. This course examines the history of unions, the nature of the industrial relations systems including the legal framework, the social psychological climate, contract negotiation and administration. Ideologies and trends are discussed.

Prerequisite: AK/ADMS 2400 3.0. Prerequisites waived for Non BAS students taking it solely as an elective.

Note: Not open to students who have taken AK/ADMS 3310 3.0.

AK/ADMS 3430 3.0 Human Resources Planning. This course provides students with an understanding of the personnel planning process, the qualitative and quantitative techniques used in forecasting personnel requirements, and feasible solutions to shortages or surpluses.

Prerequisite: AK/ADMS 3480 3.0.

AK/ADMS 3440 3.0 Managerial and Interpersonal Skills. This course explores selected organizational behaviour issues in an experiential format. Students simulate, experience and analyze

organizational processes such as leadership, managing a culturally diverse work force, organizational and individual learning, organizational socialization, and decision making.

Prerequisite: AK/ADMS 2400 3.0.

AK/ADMS 3460 3.0 HR Information Systems. Information systems are used extensively to manage HRM functions. Students will learn about the development and implementation of HRM systems which gather, store and report human resources data. Innovative uses of software in the management of HRM will be discussed.

Prerequisite: ADMS 3480 3.0.

AK/ADMS 3470 3.0 Recruitment, Selection and Performance Appraisal of Personnel. This course enables the student to identify the appropriate recruiting methods for locating and attracting different types of candidates, explains the key steps in the selection process, evaluates the validity of various selection techniques, and describes various performance appraisal methods.

Prerequisite: AK/ADMS 3480 3.0.

AK/ADMS 3480 3.0 Human Resources Management. This course examines a number of issues in Canadian human resources management including: human resources planning; recruitment; selection; performance appraisal; industrial relations; and training and development.

Note: Not open to students who have taken AK/ADMS 4030 6.0 or AK/ADMS 4040 3.0.

AK/ADMS 3490 3.0 Compensation. This course provides the student with an understanding of the objectives of a compensation programme; the process and techniques of wage and salary determination; issues and problems in incentive systems, benefits and services, and the management of these programmes.

Prerequisite: AK/ADMS 3480 3.0.

AK/ADMS 3510 3.0 Managerial Cost Accounting and Analysis. A course in theories and techniques of cost accounting and management accounting. Emphasis is placed on cost accumulation for purposes of (a) asset valuation and income measurement, and (b) planning and control.

Prerequisite: AK/ADMS 2500 3.0; AK/ADMS 2510 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0; AK/ADMS 3320 3.0.

AK/ADMS 3511 3.0 Applied Information Systems. This course provides an overview of information systems technology and how these systems, particularly accounting systems, are selected, designed, and managed to provide information to successfully run organizations. (Same as AK/COSC 2300 3.0)

Prerequisite: AK/ADMS 1000 3.0.

Note 1: Familiarity with the use of computers is required.

AK/ADMS 3520 3.0 An Overview of Canadian Income Taxation. An overview of the taxation of personal and corporate incomes of Canadian taxpayers and related GST implications. It is of primary interest to students who are not studying concurrently for a professional accounting designation.

Prerequisite: AK/ADMS 2500 3.0 or AK/ADMS 1500 3.0.

Note: Not open to students who have taken or are taking AK/ADMS 3560 6.0, AK/ADMS 4561 3.0, or AK/ADMS 4562 3.0.

AK/ADMS 3530 3.0 Finance. The role of financial managers in accomplishing organizational objectives; uses of financial statements, present value theory, risk/return analysis, leverage, cost of capital, resource allocation models.

Prerequisite: AK/ADMS 2510 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0; AK/ADMS 3320 3.0.

Note: Use of an IBM-compatible computer required. There are now limited drop in times available at the Atkinson Micro Lab for those who do not have access to the necessary equipment.

AK/ADMS 3541 3.0 Personal Financial Planning. The course introduces students to financial planning techniques used in professional practice, and follows through the steps and methods involved in developing personal financial plans. Topics include taxation, investment alternatives, targeting savings levels, insurance, retirement planning and relevant legislation.

Prerequisite: AK/ADMS 2500 3.0 or AK/ADMS 1500 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0.

Note: Not open to students who have completed AK/ADMS 3130B 3.0.

AK/ADMS 3570 3.0 Corporate Reporting Issues. The course focuses on selected accounting topics and develops an in-depth knowledge of the generally accepted accounting principles and financial statement reporting practices for those topics in Canada. The principles will be applied to a number of cases and problem situations.

Prerequisite: AK/ADMS 2500 3.0 or AK/ADMS 1500 3.0; AK/ECON 1010 3.0.

Note 1: This course is an alternative to AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0 for students who do not wish to take further courses in financial accounting.

Note 2: Not open to students who have taken AK/ADMS 3500 6.0, AK/ADMS 3580 3.0 or AK/ADMS 3590 3.0.

AK/ADMS 3585 3.0 Intermediate Financial Accounting I. This course, in conjunction with AK/ADMS 3595 3.0, develops thorough knowledge and understanding of generally accepted accounting principles and financial statement analytical skills by examining various technical areas of financial accounting.

Prerequisite: AK/ADMS 2500 3.0; AK/ECON 1010 3.0.

Note 1: Not open to students who are taking or have taken AK/ADMS 3500 6.0, AK/ADMS 3570 3.0, AK/ADMS 3590 3.0.

AK/ADMS 3595 3.0 Intermediate Financial Accounting II. This course is a continuation of AK/ADMS 3585 3.0. It develops a thorough knowledge and understanding of generally accepted accounting principles and financial statement reporting practices in Canada.

Prerequisite: AK/ADMS 3585 3.0.

Note 1: Not open to students who are taking or have taken AK/ADMS 3500 6.0, AK/ADMS 3570 3.0, AK/ADMS 3590 3.0.

AK/ADMS 3610 3.0 Elements of Law: Part One. This course seeks to give insight into the role of the lawyer in relation to that of the judge, legislator and administrator in moulding the law. Against this general background various legal principles and theories are examined so as to equip the student to analyze and define legal issues.

Prerequisite: AK/ADMS 1000 3.0.

AK/ADMS 3620 3.0 Elements of Law: Part Two. An examination of more advanced topics of private law with emphasis being laid on areas related to the organization and management of business relations.

Prerequisite: AK/ADMS 3610 3.0.

Note: Not open to students who have completed AK/ADMS 4020 6.0.

AK/ADMS 3630 3.0 Corporation Law. This course provides students who have a particular interest in the management of limited companies with an understanding of the legal requirements of these entities through an examination of the history of their development, the laws under which limited companies exist, and the methods of management.

Prerequisite: AK/ADMS 3610 3.0.

AK/ADMS 3640 6.0 Constitutional Law. An examination of the legal aspects of the distribution of legislative power in Canada with particular reference to its impact on the constitutional powers relating to business activity, taxation, criminal law and the administrative law process.

Prerequisite: AK/ADMS 3610 3.0.

Note: Not open to students who have taken AK/ADMS 4120 6.0 or AK/ADMS 4620 6.0.

AK/ADMS 3710 3.0 Comparative Health Administration. A study of the health administrative systems in a variety of countries. Emphasis will be placed upon the issues and problems of health systems in both developed and developing countries, the strategies that have been developed to deliver health care, and the role of the formal and informal sectors in the health care field.

Note: Not open to students who have taken AK/ADMS 3420 6.0.

AK/ADMS 3720 3.0/ADMS 4770 3.0 Program Evaluation in Health Care Part I. A blend of theory and practice that provides students with an understanding of the concepts and implementation of programme evaluation in health care. Students develop the ability to critique programme evaluation reports and develop a proposal to evaluate a programme. (Same as AK/NURS 3500 3.0/NURS 4500 3.0)

Prerequisite: For B.Sc.N. students AK/NURS 3300 3.0 or AK/NURS 2700 6.0. All other students AK/ADMS 2300 6.0 or, for students with equivalent preparation, permission of the Chair of Nursing.

Note: Not open to students who have completed AK/ADMS 3130Q 3.0. Not open to students who have completed AK/NURS 3500/ADMS 3720 3.0.

AK/ADMS 3740 3.0 Health and Aging. A review of the epidemiology of acute and chronic disease as it informs the problem of providing health care and health services for an aging population. Special attention is given to societal implications of health problems characteristic of elderly populations.

Note: Not open to students who have completed AK/ADMS 3130S 3.0.

AK/ADMS 3750 3.0 Behavioural and Social Aspects of Health. This course explores the role of behavioural and social factors in determining health status and the effectiveness of health care. It addresses such topics as health beliefs, attitude and prejudice, communication processes, culture, environment, stress and life transitions and crises.

Note: Not open to students who have completed AK/ADMS 3130T 3.0.

AK/ADMS 3760 3.0 Financial Management in Health Care Institutions. This course introduces students to the financial management techniques that are practised, or could be implemented, to improve the operations of various organizations in the Canadian health care delivery system. It examines the financial problems and issues that exist within the system.

Prerequisite: AK/ADMS 2510 3.0.

AK/ADMS 3810 3.0 Introduction to Real Estate. This course provides an overview of the various aspects of real estate administration for non-specialists as well as those students intending to take other real estate courses.

Prerequisite: AK/ADMS 1000 3.0.

AK/ADMS 3815 3.0 Intermediate Real Estate Valuation. This course introduces graphical, mathematical and statistical techniques used in valuation. The techniques are then applied to areas such as basic financial problems, mass appraisal, mortgage equity, leases, capital gains and expropriation.

Prerequisite: AK/ADMS 2800 3.0 and AK/ADMS 2810 3.0.

Note: Not open to students who have taken AK/URST 3520 3.0.

AK/ADMS 3820 3.0 Real Estate Law I. A discussion of the development of the law of real property in the context of the common law and current legislation. Emphasis will be placed on practical considerations in the methods of the lawyer and the businessman in arriving at their conclusions.

Prerequisite: AK/ADMS 3810 3.0.

Note 1: Not open to students who have taken AK/ADMS 3130 3.0 (Real Estate Law).

Note 2: Students are strongly recommended to complete AK/ADMS 3610 3.0 (Elements of Law Part I) before taking this course.

AK/ADMS 3825 3.0 Topics in Real Estate Valuation. This course examines various methods used to value real estate for investment purposes.

Prerequisite: AK/URST 2450 3.0 and AK/URST 3520 3.0 or, for students with equivalent preparation, permission of the Urban Studies Coordinator.

Note: Not open to students who have taken AK/URST 3530 3.0.

AK/ADMS 3830 3.0 Property Management. This course is designed to provide a survey of the factors involved in management of residential and commercial property. Topics covered include: the manager-tenant relationship, financial planning and control, advertising, personnel selection and training, maintenance and renovation of premises and physical security.

Prerequisite: AK/ADMS 3810 3.0.

AK/ADMS 3850 3.0 Real Property Assessment and Taxation. This course explores the real property assessment and taxation functions as governed by the Assessment Act. Topics covered are: the meaning and application of the Assessment Act; appeal provisions; assessment tribunals; procedures before the County Judge and the Ontario Municipal Board; taxation liability; rights and limitations of an assessor and the preparation of the Assessment Roll.

Prerequisite: AK/ADMS 3810 3.0.

AK/ADMS 3860 3.0 Real Estate Law II. A more in-depth treatment of real estate law, incorporating previously learned principles within a broader framework of case law and taxation and business considerations.

Prerequisite: AK/ADMS 3820 3.0.

AK/ADMS 3870 3.0 Real Estate Finance I. An introduction to real estate finance and investment analysis, focusing on fundamental techniques and the application of these techniques to the financing practices in real estate and investment analysis.

Prerequisite: AK/ADMS 3810 3.0.

Note: Not open to students who have completed AK/ADMS 3840 3.0.

AK/ADMS 3880 3.0 Real Estate Finance II. A continuation of Real Estate Finance I. It covers methods of analysis of investment decision, financing of real estate investment, mortgage lending practice and government participation in mortgage lending.

Prerequisite: AK/ADMS 3870 3.0.

Note: Not open to students who have completed AK/ADMS 3840 3.0.

AK/ADMS 3890 3.0 Commercial Leasing. This course provides a foundation for directing acquisitions of commercial accommodation through the medium of a lease. It introduces the student to commercial real estate leasing transactions, which are likely to be among the largest commitments confronted in a business career.

Prerequisite: AK/ADMS 3810 3.0.

Note: Not open to students who have completed AK/ADMS 3130A 3.0.

AK/ADMS 3900 3.0 The Practice of General Management. Instructs participants in the strategic analysis and planning process for medium-sized and large businesses. Models explaining the integration of the functional areas are combined with strategic process models. Modes of instruction include lectures and simulations.

Prerequisite: Four and one half full courses, or equivalent, within the Administrative Studies major.

Note 1: Use of an IBM-compatible computer required. There are now limited drop in times available at the Atkinson Micro Lab for those who do not have access to the necessary equipment.

Note 2: Students enrolled in the weekend course MUST have completed all their readings prior to the first class. A quiz will be administered on the first weekend: students who fail the quiz may be required to withdraw after a personal interview with the course director.

AK/ADMS 3920 3.0 New Venture and Small Business Management.

An understanding of the entrepreneurial process, from idea generation to new enterprise creation, is developed through lectures, case studies and simulations. The functional topic areas of business are developed as they relate specifically to planning for new ventures (including entrepreneurship) and small business management.

Prerequisite: AK/ADMS 1000 3.0; AK/ADMS 1500 3.0 or AK/ADMS 2500 3.0.

AK/ADMS 3960 3.0 International Business. Issues and problems facing the manager in the international environment. Areas of study include multinational corporation, factors leading to successful performance, analysis of basic managerial functions in different countries, assessment of the nature and scope of international business and global business strategy.

Prerequisite: AK/ADMS 1000 3.0.

Note: Not open to students who have completed AK/ADMS 3130H 3.0.

Honours Level Courses

AK/ADMS 4000 3.0 (4000 6.0) Directed Reading. A reading and research course suited to students with special interests. Students will select areas of study in consultation with an appropriate faculty member.

Prerequisite: 78 credits including AK/ADMS 1000 3.0, AK/ECON 1000 3.0; AK/ECON 1010 3.0, and 6 credits in quantitative methods. Open only to students in Honours programmes.

Note: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Department Chair is also required.

AK/ADMS 4010 3.0 Organization and Administrative Theory. This course examines in depth the development of administrative thought and organizational theories. Current organizational theories will be related to contemporary administrative society.

Prerequisite: For students in the Honours Programme, 78 credits including AK/ADMS 2400 3.0 or 2) a grade of "B" or better in AK/ADMS 2400 3.0.

AK/ADMS 4050 3.0 Advanced Industrial Relations. Collective employer-employee relations: the structure, function and government of the modern trade union movement. Labour legislation, collective bargaining process and procedures, and public policy towards industrial relations.

Prerequisite: For students in the Honours Programme, 78 credits including AK/ADMS 3422 3.0 or 2) Other students, a grade of B or better in AK/ADMS 3422 3.0.

AK/ADMS 4130 3.0 (4130 6.0) Special Topics. The instructor and subject of this seminar course will vary from session to session. Special Topics courses may be offered in the Summer and Fall/Winter Sessions. Details will be available prior to the registration period for each Session.

- D. Case Management in Health Care (3.0)
- G. Green Business: Facing the Environmental Challenge (3.0)
- H. History of Accounting (3.0)
- J. International Accounting (3.0)
- K. Social and Environmental Issues in Accounting Curriculum (3.0)

AK/ADMS 4210 3.0 International Marketing. A study of the management of international marketing activities. Emphasis is placed upon policy and strategy formulation and the environmental constraints within which these activities take place.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4215 3.0 Business to Business Marketing. Focuses on problems and concepts particular to business-to-business marketing. The basic marketing concepts introduced in AK/ADMS 3200 3.0 along with a conceptual framework of organization buyer behaviour are utilized to illustrate the unique nature and challenges of this market.

Prerequisite: For students in an Honours programme, 78 credits including AK/ADMS 3200 3.0, or 2) Other students, a grade of B or better in AK/ADMS 3200 3.0.

Note: Not open to students who have taken AK/ADMS 3210 3.0.

AK/ADMS 4220 3.0 Consumer Behaviour. Introduces students to the general perspectives currently taken in the study of consumer behaviour. Emphasis is on consumer decision processes and the influence of social, cultural and psychological factors on consumer behaviour, including a segment on women as consumers.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4225 3.0 Retailing Management. Develops a framework for identifying, appraising, and formulating retail marketing strategies; stresses the interrelationships among manufacturers, distributors, and final consumers. Areas studied include trade area analysis, design and layout, merchandising and inventory control, retail math, trends and technology in retailing.

Prerequisite: For students in an Honours programme, 78 credits including AK/ADMS 3200 3.0, or 2) Other students, a grade of B or better in AK/ADMS 3200 3.0.

Note: Not open to students who have taken AK/ADMS 3260 3.0.

AK/ADMS 4230 3.0 Marketing Channels. Integrates theory and practice of Marketing Distribution Channels, concentrating on power and conflict and interrelationships with strategic planning, make or buy decisions, and transaction cost analysis. The course utilizes textbook, recent journal articles, seminar participation, and cases.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4235 3.0 Product Management. This course examines marketing decisions involved in product management, giving student experience in tackling typical problems facing a brand or product manager. Strong managerial and case study emphasis, centering on consumer products with some discussion of industrial marketing.

Prerequisite: For students in an Honours programme, a) 78 credits including AK/ADMS 3200 3.0, or b) Other students, a grade of B or better in AK/ADMS 3200 3.0.

Note: Not open to students who have taken AK/ADMS 3270 3.0.

AK/ADMS 4240 3.0 Advertising and Communications. Focuses on advertising and sales promotion within the marketing mix. Students are expected to master terminology, theory, and application. Course uses lecture, case studies, and a project involving development of marketing plan.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4250 3.0 Marketing Strategy. Uses a variety of methods such as lecture, case study and computer simulation to provide integration of knowledge and practical experience in strategic decision making in marketing.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4260 3.0 Marketing Research I. Topics include experimental design, sample, questionnaire, data collection, measurement scales and accuracy, probability and statistical analysis, hypothesis testing, and chi squared tests in marketing. Students prepare a major research project in the context of an actual marketing organization.

Prerequisite: For students in an Honours programme, 78 credits including AK/ADMS 3200 3.0, or 2) Other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4265 3.0 Marketing Research II (Survey Design). Deals with different sampling techniques and their applications to marketing problems. Survey design, pilot surveys, use of focus groups, in-person interviews, mail surveys, and polling, will also be dealt with.

Prerequisite: For students in an Honours programme, 78 credits including AK/ADMS 3200 3.0, or 2) Other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4270 3.0 Psychology of Special Markets. Examines marketing of goods and services, such as health care to special groups of consumers, such as the elderly, physically disabled, and environmentally sensitive. Explores the need for reliable information about behavioural and attitudinal characteristics and how to obtain this information.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

Note: Not open to students who have taken AK/ADMS 4130A 3.0.

AK/ADMS 4275 3.0 Services Marketing. Looks at the marketing of services including; what makes services different from other products, strategies for service marketing; pricing; promotion; distribution and service quality. Investigates all aspects of service marketing covering many service environments from large service firms, such as banking, to individual services such as accounting services.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4280 3.0 Social Conscience and Marketing. This course examines issues of social responsibility in business and how marketing theory and techniques may be used to promote more environmentally and socially conscious business practices: it includes ethics, feminism, social marketing, and other areas determined by student interest.

Prerequisite: 1) For students in an Honours programme, 78 credits, including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4290 3.0 Marketing For Competitive Advantage. A study of the conceptual and analytical tools needed to survive in today's increased domestic and international competition. Includes such areas as: understanding current and future competitors, locating data sources, developing integrated analytical systems, and business strategies.

Prerequisite: For students in an Honours programme, 78 credits including AK/ADMS 3200 3.0, or 2) other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4295 6.0 Philosophical and Ethical Issues in the Mass Media. Examines different modes of argumentation in editorial content, news coverage and advertising, particularly ethical issues involved in the relation between arguments based in logic and those based in emotion. Other topics include rhetoric, persuasion, ideology and propaganda. (Same as AK/PHIL 4030K 6.0)

Prerequisite: For students in an Honours programme, 78 credits including AK/ADMS 3200 3.0, or 2) Other students, a grade of B or better in AK/ADMS 3200 3.0.

AK/ADMS 4300 3.0 Decision Making. Many complex decision problems are not amenable to treatment by conventional mathematical modelling techniques. This course explores new methods of dealing with such problems and includes treatment of a variety of decision problems arising in modern society.

Prerequisite: 78 credits including AK/ADMS 3300 3.0; AK/ECON 1000 3.0, and 6 credits in quantitative methods. Open only to students in Honours programmes.

Note: Not open to students who have taken AK/ADMS 4300 6.0.

AK/ADMS 4310 3.0 Information Systems. Information systems support decision making in organizations. The relationship between decision making and the design of information systems is the major theme of this course.

Prerequisite: 78 credits including AK/ADMS 3300 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0, and 6 credits in quantitative methods. Open only to students in Honours programmes.

Note: Not open to students who have taken AK/ADMS 4300 6.0.

AK/ADMS 4320 3.0 Strategic and Implementation Planning. Strategic planning is described as the choice of future directions and activities for an organization. The first half of the course treats the formulation of a strategic plan. The second half deals with the derivation of operational plans from the strategic plan. The role of negotiation in the implementation of strategic plans is also considered.

Prerequisite: 78 credits including AK/ADMS 3300 3.0; AK/ADMS 4300 3.0; AK/ADMS 4900 3.0 and 6 credits in quantitative methods. Open only to students in Honours programmes.

AK/ADMS 4420 3.0 Human Resources Research Methods. This course examines the research function in HRM. Topics include measurement and evaluation, as well as experimental, survey, and qualitative research methods. Emphasis is placed on how to design research to measure and evaluate HRM programs.

Prerequisite: For students in the Honours programme, 78 credits including ADMS 3480 3.0 or b) other students, a grade of B or better in ADMS 3480 3.0.

AK/ADMS 4440 3.0 Issues in Human Resource Management. This course examines current issues in HRM including downsizing, contingency workers, training transfer, stress related diseases, ethics, outsourcing. Students are active participants in the identification and delineation of trends.

Prerequisite: For students in the Honours Programme, 78 credits including ADMS 3480 3.0 or b) other students, a grade of B or better in ADMS 3480 3.0.

AK/ADMS 4460 3.0 Organizational Development. Examines the design and implementation of programmes for employee development at various organizational levels. Emphasis is placed on the integration of theoretical and experiential knowledge and the development of intervention skills as aids to understanding and responding to change in organizations.

Prerequisite: For students in the Honours Programme, 78 credits including ADMS 2400 3.0 or b) Other students, a grade of B or better in ADMS 2400 3.0.

Note: Not open to students who have taken AK/ADMS 3450 3.0.

AK/ADMS 4500 6.0 Seminar in Advanced Topics in Finance. Practical applications of advanced theories and techniques of finance. Content of the course will depend to some extent on the interests of the students.

Prerequisite: 78 credits including AK/ADMS 4540 3.0 and 6 credits in quantitative methods. Open only to students in Honours programmes.

AK/ADMS 4500 3.0 Investment Analysis and Portfolio Management. Familiarizes students with the investment process. The process is seen as consisting of security analysis, portfolio management and investment counselling, all within the context of an "almost efficient" market. Selected pieces of empirical work will also be considered.

Prerequisite: 78 credits including AK/ADMS 3530 3.0. Open only to students in Honours programmes.

AK/ADMS 4510 3.0 Accounting Theory and Contemporary Issues. This course examines the nature of accounting, accounting theory, and the extent to which it applies to current accounting practice as well as certain contemporary issues in accounting. The preparation of a major paper is also required.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3595 3.0, AK/ECON 1000 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0.

AK/ADMS 4515 3.0 The Internal Audit. Introduces students to the objectives, concepts, principles and techniques of internal and management auditing, as applied to profit-pursuing, non-profit, and government organizations.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 2500 3.0; AK/ADMS 2510 3.0; or 2) other students an average grade of B or better in AK/ADMS 2500 3.0 and AK/ADMS 2510 3.0.

Note: This course is not open to students who have completed AK/ADMS 3515 3.0.

AK/ADMS 4519 3.0 Managerial Cost Accounting and Analysis. Same as AK/ADMS 3510 3.0 with an applied independent project on the application of computers to accounting.

Prerequisite: AK/ADMS 2500 3.0; AK/ADMS 2510 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0; AK/ADMS 3320 3.0; AK/COSC 3501 3.0.

AK/ADMS 4520 3.0 Advanced Financial Accounting I. This course covers the accounting for business combinations, long-term investments and affiliated companies. It also covers certain areas of accounting, like interim and segment reporting, which are specific to financial reporting by companies whose securities are publicly traded.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3595 3.0; AK/ECON 1000 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0.

AK/ADMS 4530 3.0 Advanced Financial Accounting II. This course covers certain advanced accounting topics, like accounting for the nonprofit sector and the alternative reporting models, not covered in the intermediate financial accounting courses.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3595 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0.

AK/ADMS 4540 3.0 Financial Management. This course requires concepts developed in AK/ADMS 3530 3.0 and new issues are presented which affect financial managers. Topics will include market efficiency and portfolio theory basics which have important implications in financial management procedures and financial statement analysis.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3530 3.0; and 6 credits in quantitative methods, or 2) other students, these above-listed courses and a grade of "B" or better in AK/ADMS 3530 3.0.

AK/ADMS 4551 3.0 The Audit Process. This course examines audit concepts and techniques. Coverage will include audit theory, the timing, nature and extent of audit testing, audit procedures and the application and interpretation of statistics in an audit context.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3585 3.0; AK/ECON 1000 or equivalent 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0.

AK/ADMS 4552 3.0 The External Audit. This course examines issues and topics specific to the external audit function. Coverage will include audit reporting, auditing in a computer environment, legal and ethical responsibilities of the external auditor and professional regulations.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3595 3.0; AK/ADMS 4551 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0.

Prerequisite or Corequisite: AK/ADMS 3511 3.0 or AK/COSC 1200 3.0.

AK/ADMS 4553 3.0 Auditing: Advanced Topics. This course examines current and/or advanced issues affecting the audit profession. Coverage includes the public's expectation of audits and various types of engagements including: special reports, non-audits, prospectuses, future oriented financial statements, and comprehensive audits.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3595 3.0; AK/ADMS 4551 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0.

AK/ADMS 4560 3.0 Income Taxation in Canada-Advanced Seminar. This course builds on technical knowledge obtained in other tax courses and applies it to complex problems and cases. Personal and corporate tax planning topics discussed include executive compensation, purchase and sale of a business, corporate reorganizations and estate planning.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 4561 3.0; AK/ADMS 4562 3.0; or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 4561 3.0 and AK/ADMS 4562 3.0.

AK/ADMS 4561 3.0 Taxation of Personal Income in Canada. This course together with AK/ADMS 4562 3.0 introduces students to the principles and practice of Canadian taxation. It enables students to achieve a basic understanding of the Canadian Income Tax Act and its GST implications in relation to the individual.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 2500 3.0; or 2) other students, these above-listed courses and a grade of "B" or better in AK/ADMS 2500 3.0.

AK/ADMS 4562 3.0 Corporate Income Taxation in Canada. This course together with AK/ADMS 4561 3.0 introduces students to the principles and practice of Canadian taxation. It enables students to achieve a basic understanding of the Canadian Income Tax Act and its GST implications in relation to corporations and their shareholders.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 2500 3.0; or 2) other students, these above-listed courses and a grade of "B" or better in AK/ADMS 2500 3.0.

AK/ADMS 4570 3.0 Management Planning and Control Systems. A study of the process by which managers ensure that resources are obtained and used efficiently and effectively in accomplishing organizational objectives. Readings in cost accounting, finance, business policy and social psychology are applied to analyze case studies of actual situations.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3510 3.0 and 6 credits in quantitative methods or 2) other students, these above-listed courses and a grade of "B" or better in AK/ADMS 3510 3.0.

Note: Requires PC use but only a few times per term. Consult the course outline.

AK/ADMS 4580 3.0 Applied Studies in Finance. The purpose of this course is to apply the material learned in other finance courses. This will be accomplished through case analyses and a major study of financing practices in a major sector of Canadian industry. Emphasis will also be placed on integrating financial decision making within a general management framework.

Prerequisite: 1) For students in an Honours programme, 78 credits including AK/ADMS 3530 3.0 or 2) other students, a grade of "B" or better in AK/ADMS 3530 3.0.

AK/ADMS 4590 3.0 Comprehensive and Multi-subject Accounting Problems. This course enables students to apply their technical knowledge to complex accounting problems. Students will be required to interrelate the knowledge obtained from individual subject areas in order to identify problems, analyze data and formulate recommendations for action.

Prerequisite: 1) Students in an Honours programme, 78 credits including AK/ADMS 3510 3.0; AK/ADMS 3530 3.0; AK/ADMS 4510 3.0 (or AK/ADMS 4511 3.0) (or AK/ADMS 4520 3.0 and AK/ADMS 4530 3.0); AK/ADMS 4551 3.0; AK/ADMS 4561 3.0; AK/ADMS 4562 3.0 (or AK/ADMS 3520 3.0), or 2) other students, these above-listed courses and an average grade of "B" or better in AK/ADMS 3585 3.0 and AK/ADMS 3595 3.0.

AK/ADMS 4610 6.0 Corporate Secretarial Law and Practice. This course provides a working knowledge of the law and practice affecting meetings, with particular emphasis on the meetings of limited companies, the duties of Corporate Secretaries and the statutory provisions affecting their duties.

Prerequisite: 78 credits including AK/ADMS 1000 3.0. Open only to students in Honours programmes.

AK/ADMS 4630 3.0 Administrative Law: Part I. This course discusses the general theory and principles of Administrative Law and deals with constitutional considerations, administrative procedure, judicial review and legal remedies in the administrative sphere.

Prerequisite: 78 credits including AK/ADMS 1000 3.0. Open only to students in Honours programmes.

Note 1: AK/ADMS 3640 6.0 Constitutional Law is recommended prior to the above course.

AK/ADMS 4640 3.0 Administrative Law: Part II. A discussion of the practical application of the general theory and principles of Administrative Law in a number of selected fields through a detailed examination of the workings of selected administrative agencies.

Prerequisite: 78 credits including AK/ADMS 4630 3.0. Open only to students in Honours programmes.

AK/ADMS 4650 3.0 International Institutions and International Law.

An examination of the principles and rules of conduct which states observe in their relationships with one another, and with institutions, and of the legal organization of modern international society.

Prerequisite: 78 credits including AK/ADMS 2430 3.0. Open only to students in Honours programmes.

AK/ADMS 4700 3.0 Sociology of Health Care. This course treats the sociological aspects of health. The ways in which people's social behaviour influences their chances of staying well, becoming ill or responding to health care are examined.

Prerequisite: 1) For students in an honours program, 72 credits including AK/ADMS 1000 3.0 and AK/ADMS 2300 6.0 or 6 credits in quantitative methods; or 2) Other students, 72 credits, and an overall average grade of "B" or better.

AK/ADMS 4710 3.0 The Canadian Health Care System. The components of the Canadian health care system; roles played by governments, professional organizations; contemporary issues of cost control; organization and delivery of health services. (Same as AK/NURS 4710 3.0)

Prerequisite: 72 credits. 1) For B.Sc.N. students AK/NURS 3300 3.0; or 2) Other honour students AK/ADMS 2300 6.0 or 6 credits in quantitative methods; or 3) Other students, 72 credits, and an overall average grade of "B" or better.

AK/ADMS 4720 3.0 Management of Health Facilities. Examination of current trends and future directions in health facility management with emphasis on the evolving role of the executive officers. Areas covered include multi-hospital organizations, consolidations and mergers, relationships with external organizations, political and public influence on policy formulation.

Prerequisite: 1) For students in an honours program, 72 credits including AK/ADMS 1000 3.0 and AK/ADMS 2300 6.0 or 6 credits in quantitative methods; or 2) Other students, 72 credits, and an overall average grade of "B" or better.

AK/ADMS 4730 3.0 Health Care Planning. This course addresses strategic planning for Health Care organizations from issue identification and prioritization to implementation and evaluation. The course integrates prior knowledge and skills enabling students to systematically analyze institutional Health Care issues.

Prerequisite: 1) For students in an honours program, 72 credits including AK/ADMS 1000 3.0 and AK/ADMS 2300 6.0 or 6 credits in quantitative methods; or 2) Other students, 72 credits, and an overall average grade of "B" or better.

AK/ADMS 4740 3.0 Health Care Law. Legislation relevant to health care; consent to treatment; cases of negligence; medical staff privileges; release of information.

Prerequisite: 1) For students in an honours program, 72 credits including AK/ADMS 1000 3.0 and AK/ADMS 2300 6.0 or 6 credits in quantitative methods; or 2) Other students, 72 credits, and an overall average grade of "B" or better.

Note: AK/ADMS 3610 3.0 Elements of Law Part I is recommended.

AK/ADMS 4750 3.0 Current Issues for Health Care Professionals.

This course examines the concept of professionalism, the role of professional associations in the health care field, ethical and legal issues facing health care professionals, and current legislation governing health care professionals. (Same as AK/NURS 4750 3.0)

Prerequisite: 60 credits.

Note: Not open to students in the Collaborative B.Sc.N. Programme.

AK/ADMS 4760 3.0 Managerial & Leadership Competencies. This course is specifically designed to give students a "hands-on" application of key managerial/leadership competencies. It allows students to assess

and understand their own managerial strengths and weaknesses and to develop a more well rounded repertoire of skills. (Same as AK/NURS 4740 3.0)

Prerequisite: AK/NURS 3770 3.0 or AK/ADMS 3440 3.0 or equivalents.

Note: Not open to students who have taken AK/ADMS 4130L 3.0 or AK/NURS4740 3.0.

AK/ADMS 4780 3.0 Program Evaluation in Health Care Part II. An opportunity for students to further their knowledge of the methodology of program evaluation through practical experience in completing a program evaluation and assessing a program evaluation done by another student. (Same as AK/NURS 4510 3.0)

Prerequisite: AK/ADMS 3720 3.0/4770 3.0/AK/NURS 3500 3.0/4500 3.0.

Note: Not open to students who have completed AK/ADMS 3130R 3.0.

AK/ADMS 4810 3.0 Property Ownership and Government Housing Policy. The nature of private and public property ownership will be examined in the light of conservative, liberal and socialist theory. Housing policy as it has evolved in Canada will then be discussed and compared to housing policy in the U.S., the U.K. and other selected European countries.

Prerequisite: 78 credits including AK/ADMS 2430 3.0; AK/ADMS 3810 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0. Open only to students in Honours programmes.

AK/ADMS 4820 3.0 Negotiation in Real Estate Transactions. This course covers theoretical and practical approaches to the subject of negotiation, with particular reference to situations that arise in real estate transactions. The strategic aspects of such situations are covered first, covering such aspects as the participants possible final outcomes and the preferences of participants for these outcomes. This is followed by a treatment of the choice of tactics designed to ensure a successful outcome from the point of view of a particular participant.

Prerequisite: 78 credits including AK/ADMS 3300 3.0; AK/ADMS 3810 3.0. Open only to students in Honours programmes.

AK/ADMS 4830 3.0 Advanced Real Estate Finance. This course is intended as an advanced course drawing on material learned in the previous real estate finance course and applying these concepts to real-life case studies. In addition, this course will examine real estate analysis within the broader context of financial markets in Canada and internationally.

Prerequisite: 78 credits including AK/ADMS 3870 3.0. Open only to students in Honours programmes.

AK/ADMS 4900 3.0 Management Policy Part I. Strategy and policy identification, formulation, and evaluation are developed through lectures and case discussions. Emphasis is on integration of Administrative Studies, subject areas with which the student has previously become familiar; to provide a framework for the analysis of strategic problems of general management.

Prerequisite: 78 credits including AK/ADMS 1000 3.0 or equivalents; AK/ECON 1000 3.0; AK/ECON 1010 3.0, and 6 credits in quantitative methods. Open only to students in Honours programmes.

Note: Use of an IBM-compatible computer required. There are now limited drop in times available at the Atkinson Micro Lab for those who do not have access to the necessary equipment.

AK/ADMS 4910 3.0 Management Policy Part II. This course continues the study of strategy and Policy begun in Part I. Emphasis is placed upon strategy and policy implementation, planning, and other related issues. Decision-making processes which facilitate these activities are dealt with in lectures and utilized in practical exercises.

Prerequisite: 78 credits including AK/ADMS 4900 3.0 and 6 credits in quantitative methods. Open only to students in Honours programmes.

AK/ADMS 4930 6.0 Organizational Simulation Studies. Applies computer-based simulation techniques to a real organization. Data gathering, model building and testing for optimization of parameters are done as a group project. Students act as members of consulting team and present report to management.

Prerequisite: 78 credits including AK/ADMS 1000 3.0; AK/ECON 1000 3.0; AK/ECON 1010 3.0, and 6 credits in quantitative methods. Open only to students in Honours programmes.

The following courses are offered specifically for the Health Studies/Health Administration programmes in the Department of Administrative Studies.

ADMS 2300 6.0 Research Methods in Health Studies

ADMS 3710 3.0 Comparative Health Administration

ADMS 3720 3.0 Program Evaluation in Health Care Part I

ADMS 3730 3.0 Program Evaluation in Health Care Part II

ADMS 3740 3.0 Health and Aging

ADMS 3750 3.0 Behavioural and Social Aspects of Health

ADMS 3760 3.0 Financial Management in Health Care Institutions

ADMS 4760 3.0 Managerial and Leadership Competencies

ANTHROPOLOGY

Anthropology courses are offered through Atkinson College. Please consult the Lecture Schedule and course outlines for details.

Note: Atkinson students are reminded that Anthropology courses will count as Electives only and will not be used towards the Atkinson College residency requirement.

CANADIAN STUDIES/ÉTUDES CANADIENNES

Prerequisite: A 1000 level course in Humanities and a 1000 level course in Social Science (Canadian perspectives are recommended). The second General Education course may be taken concurrently with Introduction to Canadian Studies AK/CDNS 2200 6.0.

AK/CDNS 2200 6.0 Introduction to Canadian Studies. An interdisciplinary introduction to the cultural and social analysis of Canada and a comparison and evaluation of the leading schools of thought concerning the central issues facing Canada.

Note: Not open to students who have taken AK/CDNS 2000 6.0 or AK/CDNS 3000 6.0.

AK/CDNS 3100 3.0 (3100 6.0) Special Topics. The subject of this course will vary from session to session. Topics include:

- A. Native Peoples of Canada (same as AK/SOCI 3640A 6.0)
- H. Literature of The Canadian Prairies (same as AK/EN 3100Q 6.0)

AK/CDNS 3110 3.0 (3110 6.0) Special Topics in Multiculturalism. The subject of this course will vary from session to session.

- A. Italian Canadian Literature: Identity and Voice (same as AK/EN 3100W 6.0)
- B. African-Canadian History, 1608-1980 (same as AK/HIST 3100R 6.0)

AK/CDNS 3200 6.0 The Folklore of Canada. A study of research methods in folklore together with an examination of the traditional and popular culture of groups in Canada such as the Native Peoples, the Inuit, the Métis, French-Canadians, Anglo-Canadians, Afro-Canadians, Ukrainian-Canadians, Jewish-Canadians.

Note: Not open to students who have taken AK/CDNS 3420 6.0.

AK/CDNS 4000 3.0 (4000 6.0) Special Topics. The instructor and subject of this seminar will vary from session to session.

Prerequisite: 78 credits and permission of the Coordinator of Canadian Studies.

AK/CDNS 4100 3.0 (4100 6.0) Directed Reading. Enables students to conduct a detailed independent study with Canadian content. Specific topics must be selected in consultation with an appropriate professor. If interested apply to the Canadian Studies Programme.

Prerequisite: 78 credits and permission of the Coordinator of Canadian Studies.

Note: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading full courses (or equivalent). The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Programme Coordinator is also required.

AK/CDNS 4200 6.0 Research Seminar in Canadian Studies. A seminar on research materials and methods, leading to an honours research paper.

Prerequisite: 78 credits and permission of the Coordinator of Canadian Studies.

Additional Courses

Additional courses for major credit on all levels in the Canadian Studies Programme are listed under their own disciplines. Please see PROGRAMME REQUIREMENTS for the list.

COMPUTER SCIENCE

A student may take no more than 12 Computer Science credits in the Fall/Winter, and no more than six in the Summer Session, except by permission of the Programme Chair.

AK/COSC 1200 3.0 Introduction to Computing I. An introductory study of computing technology (hardware and software), applications and implications, with an emphasis on computer use. A variety of common software packages, tools and techniques will be introduced and used. Microcomputers and mainframe computers will be used.

Prerequisite: None.

Note 1: This course is designed for students from other departments or students intending to major in Computer Science but having little or no experience in computing. This course is available as an elective only.

Note 2: Not open to students who have taken or are taking AK/COSC 2400 6.0; AK/COSC 2410 6.0; AK/COSC 2411 3.0; AK/COSC 2412 3.0; AK/COSC 2420 3.0.

AK/COSC 1210 3.0 Introduction to Computing II. A continuation of Introduction to Computing I covering further concepts of computer technology and usage. More advanced packages and software tools will be introduced. Algorithmic solutions of simple problems and programming in a high level language will be emphasized.

Prerequisite: AK/COSC 1200 3.0 or, for students with equivalent experience, permission of the Programme Chair.

Note 1: This course is designed for students from other departments or students intending to major in Computer Science but having little or no experience in computing. This course is available as an elective only.

Note 2: Not open to students who have taken or are taking AK/COSC 2400 6.0, AK/COSC 2410 6.0, AK/COSC 2411 3.0, AK/COSC 2412 3.0, AK/COSC 2420 3.0.

AK/COSC 1400 3.0 (1400 6.0) Special Topics in Computer Science. Introductory treatment of various topics which may not be covered in other courses. Content will vary from offering to offering.

Prerequisite: The prerequisite will depend upon the topics offered.

AK/COSC 1409 3.0 (1409 6.0) Related Topics in Computer Science. Treatment of various topics in computer science.

Prerequisite: The prerequisite will depend upon the topics offered.

AK/COSC 2200 3.0 (2200 6.0) Special Topics in Computer Science. Introductory treatment of various topics which may not be covered in other courses. Content will vary from offering to offering.

Prerequisite: The prerequisite will depend upon the topics offered.

B. Java Programming for C Programmers.

AK/COSC 2300 3.0 Applied Information Systems. This course provides an overview of information systems technology and how these systems, particularly accounting systems, are selected, designed, and managed to provide information to successfully run organizations. (Same as AK/ADMS 3511 3.0)

Prerequisite: AK/ADMS 1000 3.0; AK/COSC 1200 3.0; or, for students with equivalent preparation, permission of the Chair of Administrative Studies.

Note 1: Not open to students who have taken AK/COSC 2400 6.0, AK/COSC 2410 6.0, AK/COSC 2411 3.0, AK/COSC 2412 3.0 or AK/COSC 2420 3.0.

Note 2: This course may not be used by Computer Science majors for major degree credit. It may, however, be taken as an elective.

AK/COSC 2409 3.0 (2409 6.0) Related Topics in Computer Science. Treatment of various topics in computer science.

Prerequisite: The prerequisite will depend upon the topics offered.

AK/COSC 2411 3.0 Introduction to Computer Science I. An introduction to computer representation, storage, manipulation, and presentation of information. A subset of a major programming language such as C or Java is taught and a number of programming problems assigned. Emphasis is on good programming style.

Prerequisite: AK/MATH 1710 6.0 or equivalent.

Note 1: Students with no previous experience in computer programming are strongly advised to complete AK/COSC 1200 3.0 and AK/COSC 1210 3.0 before attempting AK/COSC 2411 3.0.

Note 2: Not open to students who have completed AK/COSC 2410 6.0, AK/COSC 2412 3.0, AK/COSC 2420 3.0, AK/COSC 2450 3.0.

AK/COSC 2412 3.0 Introduction to Computer Science II. Algorithms and data structures fundamental to computer science. Additional features of the programming language used in AK/COSC 2411 3.0.

Prerequisite: AK/COSC 2411 3.0.

Note: Not open to students who have completed AK/COSC 2410 6.0, AK/COSC 2420 3.0, AK/COSC 2450 3.0.

AK/COSC 3100 3.0 Social Issues in Computing. Students are introduced to the phenomenon of the rapid and widespread computerization of society, the main driving forces behind this development, and some of the related social implications. Topics will include: labour displacement, technological unemployment, job deskilling, workplace control, organizational impacts, privacy, access rights to information, transborder data flows, and social choices in system design.

Prerequisite: 48 credits including AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents) or, for students in other majors, permission of the Programme Chair.

Note: This course counts as an elective in the B.Sc. degree.

AK/COSC 3200 3.0 (3200 6.0) Special Topics in Computer Science. Treatment of various topics which may not be covered in other courses. Content will vary from offering to offering.

Prerequisite: The prerequisites will depend upon topics offered.

AK/COSC 3409 3.0 (3409 6.0) Related Topics in Computer Science. Treatment of various topics in computer science.

- A. Data Communication (same as SC/COSC 3211 3.0)
- B. Computer Networks (same as SC/COSC 3212 3.0)

Prerequisite: The prerequisite will depend upon the topics offered.

AK/COSC 3411 3.0 Design and Organization of Computers I. Design of switching circuits and sequential circuits. Structure of arithmetic, control, storage, and input-output units. Organization of hardware modules into computer systems. Microprogramming.

Prerequisite: AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents); AK/MATH 2441 3.0.

Note: Not open to students who have completed AK/COSC 3410 6.0.

AK/COSC 3412 3.0 Assembler Language Programming. Assembler Language is typically used in the construction of system software. The instruction set of a PC assembler language is covered as well as the macro writing facility provided. Aspects of the underlying machine architecture are discussed.

Prerequisite: AK/COSC 3411 3.0.

Note: Not open to students who have completed AK/COSC 3410 6.0.

AK/COSC 3420 6.0 Implementation of Programming Languages. Syntax and semantics of several programming languages of various types. Implementation of various features of these languages: for example, list manipulation, expression evaluation, dynamic storage allocation, and recursion. Compiler techniques for parsing source programmes and generating translated programmes in some appropriate target language.

Prerequisite: AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents); AK/COSC 3501 3.0; AK/COSC 3431 3.0; AK/MATH 2442 3.0.

AK/COSC 3431 3.0 Introduction to Theory of Computation. Fundamental theoretical computer science topics. Formal Languages and their processors, concentrating on Regular and Context-free languages, and elementary programming applications. As time permits, introduction to context sensitive and type-0 languages, and NP-completeness.

Prerequisite: AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents); AK/MATH 2442 3.0.

Note: Not open to students who have completed AK/COSC 3430 6.0.

AK/COSC 3432 3.0 Analysis and Design of Algorithms. Fundamental techniques for the design and analysis of algorithms. Depth-first search and non-deterministic programming; the greedy method, divide-and-conquer, recurrence relations; algebraic transformations (FFT, Modular arithmetic, Fast arithmetic); topics in lower bound theory; topics in parallel computation; NP-hard and NP-complete problems.

Prerequisite: AK/MATH 2442 3.0; AK/COSC 3431 3.0; AK/COSC 3501 3.0.

Note: Not open to students who have completed AK/COSC 3430 6.0.

AK/COSC 3441 3.0 Systems Design and Analysis. Concepts, methodologies and technologies used in needs analysis and specification, architecture design and specification, interface design, program design and specification, quality assurance and systems implementation; the theoretical underpinnings and the current practice of each aspect will be studied.

Prerequisite: AK/COSC 3503 3.0.

Note: Not open to students who have completed AK/COSC 3440 6.0.

AK/COSC 3451 3.0 Simulation of Discrete Systems. Discrete event systems simulation as a method of modelling and analysis. Basic concepts and terminology, random number and variate generation, simulation modelling techniques, relationship to queuing problems, analysis of simulation data, verification and validation, output analysis, design of simulation experiments.

Prerequisite: AK/COSC 3501 3.0; AK/MATH 2560 3.0 or AK/MATH 2570 3.0 or AK/MATH 2430 6.0.

Note: Not open to students who have completed AK/COSC 4070 6.0.

AK/COSC 3460 3.0 Design and Organization of Computers II. A study of representative micro, medium and large-scale computers: components, organization, technology, instruction set, strengths and limitations. SIMD and MIMD machine architectures; memory hierarchies, content addressable memories, segmentation and paging through hardware; redundancy and fault tolerance; device network topologies; RISC, distributed, and LAN architectures.

Prerequisite: AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents); AK/COSC 3410 6.0 or AK/COSC 3411 3.0; AK/MATH 2442 3.0.

AK/COSC 3470 3.0 Introduction to Operating Systems. Principles of operating systems design, including multiprogramming, parallel sequential processes, input/output and file systems, memory management, processor scheduling, resource allocation, and deadlock problems and solutions. Examples are drawn from numerous real systems, current and historical.

Prerequisite: AK/COSC 3411 3.0 or AK/COSC 3410 6.0; AK/COSC 3501 3.0 or AK/COSC 3500 6.0; AK/COSC 3502 3.0 or AK/COSC 3200A 3.0 (AW92-93) or, for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 4050 6.0.

AK/COSC 3501 3.0 Data Structures and Non-Numerical Methods. In-memory data organization (including lists, stacks, queues, general lists, sets, bags, heaps, priority queues, binary trees, AVL trees). Internal sorting and searching algorithms (including merge sort, heapsort, quicksort). Recursion and its relationship to stacks. Various recursive algorithms and their iterative counterparts. Selected topics from hashing.

Prerequisite: AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents); AK/MATH 2442 3.0.

Note: Not open to students who have taken AK/COSC 3500 6.0.

AK/COSC 3502 3.0 File Structures and Processing. Secondary storage devices. Relative files, direct access files, indexed sequential files, selected topics from multikey, inverted, multilist, grid and B-trees. External sorting (m-way merge, polyphase merge, cascade merge).

Prerequisite: AK/COSC 3501 3.0.

Note: Not open to students who have taken AK/COSC 3200A 3.0.

AK/COSC 3503 3.0 Introduction to Data Base Management Systems. Data modelling concepts; DDL and DML components of the hierarchical, network and relational schemes; integrity and recovery issues; text, BLOB and image storage ideas; introduction to data normalization.

Prerequisite: AK/COSC 3500 6.0 or AK/COSC 3501 3.0; AK/COSC 3502 3.0.

Note: Not open to students who have completed AK/COSC 4440 6.0.

AK/COSC 3511 3.0 Introduction to Numerical Computation I. Errors in computation, forward and backward differences, solution of linear equations, singular value decomposition, least square solutions, solutions of single non-linear equations.

Prerequisite: AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalents) and AK/MATH 2221 3.0.

Note 1: Not open to students who have taken AK/COSC 3510 6.0.

Note 2: AK/COSC 3511 3.0 and AK/COSC 3512 3.0 may be taken in either order or concurrently.

AK/COSC 3512 3.0 Introduction to Numerical Computation II. Interpolation, integration, differentiation, ordinary differential equations, systems of non-linear equations.

Prerequisite: AK/COSC 2412 3.0; AK/MATH 1410 6.0 or AK/MATH 1310 3.0.

Note 1: Not open to students who have taken AK/COSC 3510 6.0.

Note 2: AK/COSC 3511 3.0 and AK/COSC 3512 3.0 may be taken in either order or concurrently.

AK/COSC 3551 3.0 Introduction to Artificial Intelligence. Search, Knowledge representation. PROLOG or LISP. Topics from planning, learning, understanding are discussed as time permits.

Prerequisite: AK/COSC 3431 3.0; AK/COSC 3501 3.0, or, for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 3550 6.0.

AK/COSC 3552 3.0 Expert Systems. Design and implementation of expert systems and the tools used to build them (expert system shells). Expert system examples. At least one expert system shell is used to build an expert system.

Prerequisite: AK/COSC 3501 3.0, or for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 3550 6.0.

AK/COSC 3650 3.0 Object Oriented Programming. Object-oriented programming builds and extends classes of reusable programme "objects" that incorporate both data structure and behaviour. It contrasts with older, procedure-oriented programming. A language such as C++, Java, or Smalltalk is used for examples and projects.

Prerequisite: AK/COSC 3501 3.0 and programming competence in the C language.

Note: Not open to students who have completed AK/COSC 3200B 3.0.

AK/COSC 4021 3.0 Computability. Primitive Recursive functions and relations, Loop-Programs, Elementary Functions, Turing Machines, Computable and semi-Computable functions and relations, Church's Thesis, arithmetization of Turing Machines and the Kleene predicate, Unsolvability Problems, Recursion Theorem, Rice's Theorem, Reducibilities, Productive and Creative sets and Godel's Incompleteness Theorem.

Prerequisite: 78 credits including AK/COSC 3431 3.0 or AK/MATH3591 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

Note 1: This course may count as major credit towards an Atkinson Mathematics degree.

Note 2: Not open to students who have completed AK/COSC 4020 6.0.

AK/COSC 4022 3.0 Computational Complexity. The Complexity of (partial) Recursive functions, the Complexity of Primitive Recursive functions-Subrecursive Hierarchies. P, NP, PSPACE, L, NL classes and their Complete problems. The Complexity of Theorem Proving procedures, Intractable Decision problems. Parallel computation and its Complexity, Alternation.

Prerequisite: 78 credits including AK/COSC 3432 3.0, or for students with equivalent preparation, permission of the Programme Chair.

Note 1: This course may count as major credit towards an Atkinson Mathematics degree.

Note 2: Not open to students who have completed AK/COSC 4020 6.0.

AK/COSC 4031 3.0 Artificial Intelligence Search. Heuristic search methods for uniprocessor and multiprocessor computers ranging from the conventional A* and IDA* algorithms, to the less known bidirectional uniprocessor methods of DeChampeaux-Sint and Politowski-Pohl, to several state-of-the-art parallel heuristic search techniques.

Prerequisite: 78 credits including AK/COSC 3551 3.0, AK/COSC 3502 3.0, or for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 4030 6.0.

AK/COSC 4032 3.0 Neural Networks. An introduction to the architecture, theory, implementation, and applications of neural networks. All basic types of networks and their learning algorithms are discussed.

Prerequisite: 78 credits including AK/COSC 3551 3.0 and AK/MATH 2221 3.0, or, for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4033 3.0 Natural Language Understanding. Techniques for representing syntax and semantics of English in computers, to permit them to understand English-language phrases and sentences with respect to specific domains of application. Object-oriented programming techniques are used.

Prerequisite: 78 credits including AK/COSC 3650 3.0, or, for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4035 3.0 Machine Learning. An introduction to several learning methods and genetic algorithms and some of their applications. Topics include learning by advice and by example, explanation-based learning, discovery, analogy, ID3.

Prerequisite: 78 credits including AK/COSC 3551 3.0, or for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4071 3.0 Simulation of Continuous Systems. Simulating dynamic systems using general-purpose programming languages and simulation languages. Mathematical representations using differential equations. Control systems and feedback loops. Applications from inventory, mechanics, social and political systems, economics, biology and population studies.

Prerequisite: 78 credits including AK/COSC 2411 3.0; AK/COSC 2412 3.0; AK/MATH 1410 6.0; AK/MATH 2270 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 4070 6.0.

AK/COSC 4081 3.0 Advanced Numerical Linear Algebra. Solution of Linear Systems: Iterative Refinement; Cholesky's method; Errors in Solutions; LINPAC programs; Gauss-Seidel, Jacobi, and SOR methods; Chebyshev Acceleration, Conjugate Gradient. Matrix Eigenvalue Problems: Householder, QR, Spectrum splicing, Power, Lanczos methods. Methods for non-symmetric matrices.

Prerequisite: 78 credits including AK/COSC 3510 6.0 or AK/COSC 3511 3.0; AK/MATH 2222 3.0 (or equivalent).

Note: Not open to students who have completed AK/COSC 4080 6.0.

AK/COSC 4091 3.0 Linear and Integer Programming. The Simplex method for linear programming; revised simplex method; duality; parametric programming; bounded variables; transportation problem; Integer programming: cuts; group theoretic approach; branch and bound algorithms.

Prerequisite: 78 credits including AK/COSC 2411 3.0 and AK/COSC 2412 3.0 (or equivalent); AK/MATH 2220 6.0 or AK/MATH 2221 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4101 3.0 Numerical Computation. Computer representation of mathematical objects. Arithmetic error; Numerical algorithms-design and analysis; accuracy and efficiency. Approximation and iteration. Stability and convergence.

Prerequisite: 78 credits including AK/COSC 3511 3.0 and AK/COSC 3512 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 4100 6.0.

AK/COSC 4200 3.0 (4200 6.0) Special Topics in Computer Science. Advanced treatment of various topics which may not be covered in other courses. Content will vary from offering to offering.

Prerequisite: 78 credits, or, for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4260 3.0 (4260 6.0) Directed Reading. This course involves study of an advanced text or some recently published papers under the supervision of a faculty member. Written and oral evidence of the student's mastery of the material being studied will be required. A student wanting to do this course must find a faculty member willing to supervise his/her work and then contact the Chair of the Computer Science Programme well in advance of registration.

Prerequisite: 48 Computer Science credits with an average grade of B, and permission of the Programme Chair.

Note 1: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Department Chair is also required.

Note 2: For either the ordinary or the honours degree, no student may include more than one full reading course or equivalent in the programme of study.

AK/COSC 4409 3.0 (4409 6.0) Related Topics in Computer Science. Treatment of various topics in computer science.

- A. Signals & Systems (same as SC/COSC 4242 3.0)
- B. Computer Graphics (same as SC/COSC 4331 3.0)
- C. Software Reuse (same as GS/COSC 5493 3.0)
- D. Advanced Data Structures (same as SC/COSC 4101 3.0)
- E. Computer Vision (same as SC/COSC 4422 3.0)
- G. Introduction to Robotics (same as SC/COSC 4421 3.0)

Prerequisite: The prerequisite will depend upon the topics offered.

AK/COSC 4441 3.0 Data Base Management Systems Design and Implementation. Students participate in the design and implementation of a DBMS, including issues of data definition, storage management, query optimization, commitment control and thread control.

Prerequisite: 48 credits including AK/COSC 3503 3.0, or, for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have completed AK/COSC 4440 6.0.

AK/COSC 4442 3.0 Advanced Data Base Management Systems. Theory of functional dependencies and data normalization. Models based on relational algebra, calculus and example-driven principles. Data distribution, commitment controls, security and access control issues. Object oriented data bases.

Prerequisite: 78 credits including AK/COSC 3503 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4451 3.0 Applied Systems Design and Analysis. Same as AK/COSC 3441 3.0 with an applied systems project.

Prerequisite: AK/COSC 3503 3.0, AK/ADMS 4570 3.0, AK/ADMS 4520 3.0.

Note: Not open to students who have completed AK/COSC 3441 3.0 or AK/COSC 3440 6.0.

AK/COSC 4470 3.0 Operating Systems Design and Implementation. Students participate in the design and implementation of a number of subsystems of an operating system as a part of a team. The theory underlying algorithmic choices is discussed.

Prerequisite: 78 credits including AK/COSC 3470 3.0; AK/COSC 3460 3.0; AK/COSC 3432 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

AK/COSC 4521 3.0 Performance Analysis and Models. Techniques of analysis and construction of simple, robust models of performance and reliability of a computer system. Analytical methods based on stochastic models; measurement methods based on statistical methods; case studies.

Prerequisite: 78 credits including AK/MATH 2560 3.0 or AK/MATH 2570 3.0 or AK/MATH 2430 6.0; AK/COSC 3410 6.0 or AK/COSC 3411 3.0 or, for students with equivalent preparation, permission of the Programme Chair.

Note: Not open to students who have taken AK/COSC 4520 6.0.

ECONOMICS

AK/ECON 1000 3.0 Principles of Micro-Economics. The nature of the economic problem and economic goals; general and basic concepts of demand and supply; demand and utility analysis; production, costs and perfect competition; pricing in competitive and monopolistic markets and government regulation; factor pricing and income distribution.

Note: Not open to students who have successfully completed AK/ECON 2410 3.0.

AK/ECON 1010 3.0 Principles of Macro-Economics. The nature of the economic problem; basic models of national income and employment determination; banking and monetary policy. Contemporary macro-economic issues including the unemployment inflation dilemma and the relative effectiveness of monetary and fiscal stabilization policies.

Note: Not open to students who have successfully completed AK/ECON 2420 3.0.

AK/ECON 1400 6.0 Introduction to Political Economy. The course provides a basic training in economics but de-emphasizes the more technical discussions of Economics 1000 3.0 and 1010 3.0 which are indispensable to the economics major but not for non-majors. Economic doctrines will be surveyed and applied to current problems including unemployment, inflation, growth, and poverty.

Note: Credit towards an Atkinson degree will not be given for this course if credit towards the same degree is given for AK/ECON 1000 3.0 and AK/ECON 1010 3.0. Permission of the Chair of Economics is required for registration in any 2000 or 3000 level Economics course after completion of AK/ECON 1400 6.0. Not open to students who have successfully completed AK/ECON 2400 6.0 prior to Fall/Winter 1995-96.

AK/ECON 1530 3.0 Mathematical Analysis for Economists I. Elementary principles of mathematical economics. Micro and macro economic models; ordinary and partial differentiation with applications to marginal analysis and profit maximization. Exponential functions and integration with applications to growth theory and optimization over time.

Prerequisite: AK/ECON 1000 3.0 or AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics. AK/ECON 1000 3.0 or AK/ECON 1010 3.0 must be taken prior to entry to AK/ECON 1530 3.0 or taken concurrently with AK/ECON 1530 3.0.

Note: Not open to students who have successfully completed AK/ECON 2560 3.0.

AK/ECON 1540 3.0 Mathematical Analysis for Economists II. Static analysis and matrix algebra with applications to input-output models; comparative static analysis, unconstrained and constrained optimization with applications to micro and macro economic models; elements of linear programming with applications to decision making in economics.

Prerequisite: One of AK/AS/ECON 1530 3.0, AS/MATH 1530 3.0, or AK/MATH 1300 3.0 or, for student with equivalent preparation, permission of the Chair of Economics. AK/ECON 1000 3.0 or AK/ECON 1010 3.0 must be taken prior to entry to AK/ECON 1540 3.0 or taken concurrently with AK/ECON 1540 3.0.

Note: Not open to students who have successfully completed AK/ECON 2570 3.0.

AK/ECON 2300 6.0 Intermediate Micro-Economics. This course is the full-year equivalent of AK/ECON 2300 3.0 and AK/ECON 2350 3.0. Among the topics covered are: consumer decision making, production and costs, pricing and resource allocation in competitive versus monopolistic markets, factor pricing in alternative market structures, general equilibrium analysis and welfare economics.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0 and AK/ECON 1540 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note: (i) not open to students who have successfully completed AK/ECON 3200 3.0 or AK/ECON 3210 3.0. (ii) Same as AK/ECON 2300 3.0 and AK/ECON 2350 3.0.

AK/ECON 2300 3.0 Intermediate Micro-Economics I. Starting from the fundamental problem of scarcity, micro-economic theory seeks to explain how choices are made in economic behaviour and activity. Among the topics covered are consumer decision-making, production and costs, competitive equilibrium and the role of prices in a market economy.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0 and AK/ECON 1540 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Credit towards a major in Economics will not be given for this course if AK/ECON 2300 6.0 is successfully completed. Not open to students who have successfully completed AK/ECON 3200 3.0.

AK/ECON 2350 3.0 Intermediate Micro-Economics II. Resource allocation in competitive versus monopolistic markets; factor pricing in alternative market structures; basic concepts of general equilibrium analysis and welfare economics.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0, AK/ECON 1540 3.0 and AK/ECON 2300 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Credit towards a major in Economics will not be given for this course if AK/ECON 2300 6.0 is successfully completed. Not open to students who have successfully completed AK/ECON 3210 3.0.

AK/ECON 2400 6.0 Intermediate Macro-Economics. This course is the full-year equivalent of AK/ECON 2400 3.0 and AK/ECON 2450 3.0. Important macro-economic phenomena are analyzed. Topics include aggregate demand and supply, consumption and investment behaviour, money demand, stabilization policy, government deficits, problems of inflation and unemployment, the role of expectations, and open economy issues.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0, AK/ECON 1540 3.0 and for students with equivalent preparation, permission of the Chair of Economics.

Note: (i) Not open to students who have successfully completed AK/ECON 3300 3.0 or AK/ECON 3310 3.0. (ii) Same as AK/ECON 2400 3.0 and AK/ECON 2450 3.0.

AK/ECON 2400 3.0 Intermediate Macro-Economics I. This course is designed to equip students with the basic tools for analyzing macro-economic phenomena in a closed economy. Topics include aggregate demand and supply, consumption and investment behaviour, demand for money, government stabilization policy, and current fiscal issues.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0 and AK/ECON 1540 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Credit towards a major in Economics will not be given for this course if AK/ECON 2400 6.0 is successfully completed. Not open to students who have successfully completed AK/ECON 3300 3.0.

AK/ECON 2450 3.0 Intermediate Macro-Economics II. Applying the analytical tools that students learn in AK/ECON 2400 3.0, this course covers the problems of inflation, unemployment and government deficits, with a focus on the role of expectations. Open economy issues under fixed and flexible exchange rates are also introduced.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0, AK/ECON 1540 3.0 and AK/ECON 2400 3.0, or for students with equivalent preparation, permission of the Chair of Economics.

Note: Credit towards a major in Economics will not be given for this course if AK/ECON 2400 6.0 is successfully completed. Not open to students who have successfully completed AK/ECON 3310 3.0.

AK/ECON 3110 3.0 Bayesian Inference and Decision. This course takes a quantitative approach to decision-making, including a coverage of Bayesian inference, decision theory, prior, posterior, and preposterior analysis using discrete and continuous distributions. Emphasis is given to understanding concepts and the use and application to administration.

Prerequisite: AK/ECON 3470 3.0 or AK/ADMS 3320 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note 1: This course counts as an elective in an Economics major.

Note 2: Not open to students who have taken AK/ADMS 3350 3.0 or AK/MATH 2750 3.0.

AK/ECON 3120 3.0 Managerial Operations Research. Introduction treatment of operations research topics and applications to functional areas in administration. This includes linear programming, formulation, graphical solutions, simplex solutions, sensitivity analysis, duality, and computer solutions; assignment/transportation problems, integer programming, network models, dynamic programming and computer simulation.

Prerequisite: AK/ECON 3470 3.0 or AK/ADMS 3320 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note 1: This course counts as an elective in an Economics major.

Note 2: Not open to students who have taken AK/ADMS 3351 3.0 or AK/MATH 2751 3.0.

AK/ECON 3130 3.0 Sampling Techniques and Survey Design. This course deals with: different sampling techniques and their applications to management problems, survey design, pilot surveys, use of focus groups, in-person interviews, mail surveys, and polling.

Prerequisite: AK/ECON 3470 3.0 or AK/ADMS 3320 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note 1: This course counts as an elective in an Economics major.

Note 2: Not open to students who have taken AK/ADMS 3352 3.0 or AK/MATH 2752 3.0.

AK/ECON 3210 3.0 Use of Economic Data. This course introduces the theory and practice of empirical analysis of economic models. Linear regression analysis is developed and applied in the course. Use is made of Canadian data sets and statistical software packages for micro and/or mainframe computers.

Prerequisite: AK/ECON 3470 3.0, or for students with equivalent preparation, permission of the Chair of Economics. Not open to students who have successfully taken AK/ECON 3480 3.0 and AK/ECON 3490 3.0.

AK/ECON 3340 3.0 Environmental Economics. Application of the techniques of analytical economics to the problem of environmental degradation; externalities and the cost of environmental pollution; direct and indirect costs and benefits of abatement schemes; public regulation and environmental policies in Canada.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalents, permission of the Chair of Economics.

AK/ECON 3350 3.0 Housing Economics. Application of the tools of economic analysis to the housing industry. Characteristics of the housing market; demand for and supply of housing; housing market equilibrium. Regulation of the housing market and housing policies with particular emphasis on the Canadian experience.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalents, permission of the Chair of Economics.

AK/ECON 3411 3.0 Applied Managerial Economics. This course introduces students to the economic and statistical aspects of managerial decision making. Topics covered include: pricing strategy, competition policy in Canada, empirical estimation of demand, production and cost functions, and simple forecasting techniques. Students will also be required to work with a standard statistical software package.

Prerequisite: AK/ECON 2300 3.0, AK/ECON 3470 3.0 and AK/ECON 3480 3.0, or for students with equivalent preparation, permission of Chair of Economics.

Note: Not open to students who have successfully completed AK/ECON 3410 6.0.

AK/ECON 3430 3.0 Money, Banking and Finance A. Studies the principal financial institutions and markets in the Canadian economy. The economic function, regulation and operational features of these various institutions and markets are analyzed. The corresponding institutions and markets in other countries are also considered.

Prerequisite: AK/ECON 1010 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3440 3.0 Money, Banking and Finance B. A study of the central bank and its use of monetary theory to control growth and fluctuations in the Canadian economy through the chartered banking system. Links between Canada's financial system and the international financial system are also considered, with particular emphasis placed upon the restraining influence of international financial requirements on the attainment of national goals.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, and AK/ECON 3430 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3450 3.0 The Public Debt and the Role of Government in the 2000's. The controversy over the role of government in the modern economy. The provision of social goods that cannot be privatized. Source of revenue; equity and efficiency in taxation.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3470 3.0 Introductory Economic Statistics I. Descriptive statistics and frequency distributions; measures of location and dispersion; probability theory and mathematical expectations; sampling distributions and hypotheses testing.

Note: This course is not open to students who have taken AK/ADMS 3320 3.0.

AK/ECON 3479 3.0 Related Topics in Economics. Treatment of various topics which may not be covered in other courses.

B. Labour Arbitration

C. Economics of Free Trade Areas

AK/ECON 3480 3.0 Introductory Economic Statistics II. Point and interval estimation; other statistical distributions and non-parametric tests; decision theory; index numbers; time series; regression analysis and forecasting.

Prerequisite: AK/ECON 3470 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3490 3.0 Econometric Modelling and Forecasting I. Elements of econometric model building. Estimation and prediction techniques in simple and general regression models. Treatment of estimation problems in single equation models such as autocorrelation, colinearity and others. Econometric applications and case studies in estimation and forecasting.

Prerequisite: AK/MATH 1710 6.0 or equivalent, AK/ECON 3470 3.0, AK/ECON 3480 3.0 or AK/ECON 3210 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3500 3.0 Econometric Modelling and Forecasting II. Specification and estimation techniques of interdependent economic systems. The identification problem; alternative estimation methods of multi-equation models; introduction to validation and simulation techniques. Applications and case studies.

Prerequisite: AK/MATH 1710 6.0 or equivalent, AK/ECON 3470 3.0, AK/ECON 3480 3.0 and AK/ECON 3490 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3510 3.0 Health Economics. Determinants of supply and demand in the health services industry; causes of medical cost inflation; economic models of physician and hospital behaviour; the influence of health insurance, reimbursement schemes and practitioners' discretion on the delivery system; case studies and policy implications in a Canadian context.

Prerequisite: AK/ECON 1000 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3520 3.0 Economic Evaluation in Health Care. Introduction to the application of decision analytic models and economic analysis to health care evaluation; cost minimization, cost effectiveness, cost utility and cost benefit analysis: problems of identification, measurement and valuation of costs, outcome and quality of life; case studies and policy implications to health care management.

AK/ECON 3550 3.0 Economics of Developing Countries I. An analysis of the economic problems of poor countries and poor communities. Topics explore the meaning of development; theories of development; growth and technological change and strategies for environmentally sustainable development.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3560 3.0 Economics of Developing Countries II. An examination of policy issues arising from development planning. Topics include agriculture versus industry; international trade; monetary and fiscal policies; foreign investment, foreign aid and self-reliance, and global issues.

Prerequisite: AK/ECON 1000 3.0, and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3570 3.0 International Economics I. A study of the micro-economic aspects of international trade, tracing its historical development from the theory of comparative costs to the theory of customs unions and tariffs. Included are such topics as trade patterns, trade barriers, and free trade versus protectionism.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3580 3.0 International Economics II. This course is an introduction to international monetary economics. Both theoretical and applied aspects of international economics will be analyzed. Topics to be covered include: the exchange rate and exchange rate regimes, the automatic adjustment process, open economy macro-economics and policy, international financial markets, and economic integration.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3590 6.0 The Economics of Education and Training. A study of economic aspects of educational/training systems and their links to the labour market. Topics include: effects of education/training on wages, distribution of earnings and economic growth; school-to-work transition; educational/occupational segregation; general versus firm-specific training; and evaluation of government training programmes. (Same as AK/SOCI 3390Q 6.0)

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3600 6.0 Industrial Relations Systems. A comparative study of the industrial relations systems in various countries, the character of worker and employer organizations and their interrelationships in different industrial and social settings, with particular emphasis on the role of labour in economic development.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3610 3.0 Labour Economics. Applies economic theory to labour markets. Topics include: labour force participation, hours of work, investment in education and training, worker mobility; demand for labour; effects of market structure on wages and employment; theories of trade unions and collective bargaining.

Prerequisite: AK/ECON 1000 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3620 3.0 The Economics of Unemployment. A study of Post-war unemployment in Canada. The course includes an analysis of the effects of demographic changes, social security and minimum wage legislation, unions, technological change, cyclical changes and industrial restructuring on unemployment and discusses policy options to reduce unemployment.

Prerequisite: AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3630 3.0 Regional Economics. Economics of location and space; emphasis on spatial competition; evolution of regional hierarchies, linkages between regions; base theory, local multipliers, shift and share.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3640 3.0 Urban Economics. Contemporary metropolitan problems as symptoms of various economic bases; urban poverty and welfare; local services and finance; housing and land use; transportation and traffic; pollution and environment.

Prerequisite: AK/ECON 1000 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3650 3.0 Canadian Economic Policy I. An examination and assessment of Canadian economic policy, including the Bank of Canada's interest rate policy and inflation; Canadian industrial productivity; the Free Trade Agreement; the federal deficit and the Goods and Services Tax.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3660 3.0 Canadian Economic Policy II. An examination of selected aspects of the Canadian economy, including foreign ownership in the industrial sector; agricultural subsidies; economic aspects of Quebec separatism; Canada's position in the global economy.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3670 6.0 Canadian Economic Development. A study of the history and development of the Canadian economy from early settlement to the mid-twentieth century. Course material includes selected topics in the history of early settlement, as well as an investigation of the changing structure of the economy after Confederation.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note i): Not open to students who have successfully completed AK/ECON 3670 3.0 or AK/ECON 3680 3.0; ii) Same as AK/ECON 3680 3.0 and AK/ECON 3690 3.0.

AK/ECON 3680 3.0 Canadian Economic Development I. This course is a study of Canadian economic development from early settlement to Confederation. The staples thesis and other theories of economic development which are relevant for preindustrial economies will be examined and applied to the Canadian case.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note: i) Not open to students who have taken AK/ECON 3670 3.0. ii) Not open to students who have successfully completed AK/ECON 3670 6.0.

AK/ECON 3690 3.0 Canadian Economic Development II. This course is a study of Canadian economic development from Confederation to the present. Theories of industrial development will be examined and applied to the Canadian case. Special attention will be given to government economic policy and to the question of foreign ownership.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note: i) Not open to students who have taken AK/ECON 3680 3.0. ii) Not open to students who have successfully completed AK/ECON 3670 6.0.

AK/ECON 3710 6.0 European Economic History. An investigation of changes in the structure of the European economy over the last four centuries, with emphasis on the roles played by public policy, the evolution of technology, and the transformation of the market system. The relevance of current theories of economic growth to the experience of Europe will be discussed.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Not open to students who have taken AK/ECON 3710 3.0 or AK/ECON 3720 3.0.

AK/ECON 3750 3.0 Industrial Organization: Theory and Evidence.

Examines theoretical and empirical studies of firms and industrial organizations in imperfectly competitive markets. Monopoly, oligopoly and monopolistic competition are particularly studied in relation to pricing and non-pricing, advertising, investment, innovation, and strategic behaviour of firms and industry performance.

Prerequisite: AK/ECON 1000 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3760 3.0 Industrial Organization: Policy and Application.

Extends the theoretical material developed in AK/ECON 3750 3.0 and its application in Canada and other market economies, with emphasis on the practice of industrial organizations and the application of public policies towards business in imperfectly competitive markets.

Prerequisite: AK/ECON 1000 3.0, AK/ECON 1010 3.0 and AK/ECON 3750 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3780 6.0 Work, Employment and Unemployment. Impact of technological change, mass unemployment, the social psychological effect of plant closures, deindustrialization, comparative analyses of the U.S.A., Canada, Sweden, West Germany, Britain, and Japan. (Same as AK/SOCI 3392 6.0)

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, or, for students with equivalent preparation, permission of the Chair of Economics. Not open to students who have taken AK/SOCI 3390R 6.0 or AK/SOSC 3390D 6.0.

Note 1: This course counts as a major course in Administrative Studies.

AK/ECON 3790 6.0 Women's Work: Women in the North American Economy.

A study of women's economic activities and the economic position of women in the North American economy. The course includes an analysis of household work as well as labour force activity.

Note: This course counts as a major course in Women's Studies and Health Studies. It is a multidisciplinary course especially for students in Economics, Health Studies, Women's Studies and related disciplines.

AK/ECON 3800 3.0 Law and Economics. This is a course in the interrelationship of law and economics, emphasizing the institutional setting of the economic system and the concepts of property rights and transaction costs.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3810 3.0 The Economics of Project Appraisal and Feasibility.

Prefeasibility and feasibility studies of proposed projects; forecasting demand and plant capacity; estimation of production, sales, costs and revenues; alternative commercial profitability criteria (net present value, rate of return) for project evaluation and selection; sensitivity analysis under risk and uncertainty; applications and case studies.

Prerequisite: AK/MATH 1710 6.0 or OAC Calculus; AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3820 3.0 Public Policy Evaluation of Projects. Direct and indirect costs and benefits of proposed projects; social costs and benefits, externalities and shadow pricing; the equity-efficiency question and the redistribution effects of new projects; alternative social cost benefit criteria for project selection; discussion of case studies.

Prerequisite: AK/MATH 1710 6.0 or OAC Calculus; AK/ECON 1000 3.0 and AK/ECON 1010 3.0, and AK/ECON 3810 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3900 3.0 Post-Keynesian Economic Analysis. This course presents Post-Keynesian short-run and long-run macro-economics. Unlike neoclassical theory, it stresses the importance of

uncertainty in investment, savings and finance decisions, the role of institutions and industrial organizations in the determination of the level and composition of output, and the linkage between the growth of capital stock and income distribution.

Prerequisite: AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 3910 3.0 Marxian Economic Analysis. An introduction to Marxian economic theory. Topics include the theory of value, the transformation problem, simple and expanded reproduction, the falling rate of profit, and the theory of distribution. Contemporary problems in and approaches to Marxian theory will be considered.

Prerequisite: AK/ECON 2300 3.0, AK/ECON 2350 3.0 and AK/ECON 2400 3.0, AK/ECON 2450 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4000 3.0 (4000 6.0) Directed Reading/Special Study.

Students will do supervised special study in one or two selected areas. Students wishing to enroll are to contact the Chair of the Department of Economics.

Prerequisite: 78 credits including AK/ECON 2300 3.0, AK/ECON 2350 3.0 and AK/ECON 2400 3.0, AK/ECON 2450 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Students must be accepted by a faculty supervisor before they can register in the 4000 level reading course. The course transaction form for this course must be submitted with a note from the supervisor stating his/her willingness to work with the student. Priority will be given to Atkinson Economics majors.

AK/ECON 4010 3.0 Advanced Micro-Economic Theory.

A selection of advanced topics from consumer theory, the economics of the firm, competitive and non-competitive markets, factor pricing and income distribution. General equilibrium and welfare economics are also addressed.

Prerequisite: 78 credits including AK/ECON 1530 3.0, AK/ECON 1540 3.0 (or Mathematics AK/MATH 1410 6.0 or equivalent), AK/ECON 2300 3.0 and AK/ECON 2350 3.0 or AK/ECON 2300 6.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4020 3.0 Advanced Macro-Economic Theory.

This course surveys recent developments in macro-economic research. Among the topics covered are rational expectation models; consumption theory; new Keynesian models of staggering wages and prices, menu costs, efficiency wages and imperfect competition; new classical and new Keynesian business cycle theories.

Prerequisite: 78 credits including AK/ECON 1530 3.0 and AK/ECON 1540 3.0 (or Mathematics AK/MATH 1410 6.0 or equivalent), AK/ECON 2400 3.0 and AK/ECON 2450 3.0 or AK/ECON 2400 6.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4030 3.0 Corporate Concentration in Canada.

Development of the industrial sector, emphasizing growth of the large firm and concentration of economic activity in the corporate sector. Topics include organizational structure, objectives, the multi-nationals, mergers, diversification and conglomeration, and the influence of the State on corporate behaviour.

Prerequisite: 78 credits including 6 credits at the 2000 level in each of intermediate micro-economic theory and intermediate macro-economic theory, or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4040 3.0 Market Structure in the Canadian Economy.

The organization of economic activity in Canada at the level of industry, and patterns of economic activity within markets. Focuses on price, profitability, efficiency, technological change, product innovation, barriers to resource movement, income distribution, and public policy.

Prerequisite: 78 credits including 6 credits at the 2000 level in each of intermediate micro-economic theory and intermediate macro-economic theory, or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4050 3.0 The Development of Economic Thought and Analysis I. An examination of the development of economic doctrines from the Age of Mercantilism up to and including the English "classical" school.

Prerequisite: 78 credits including AK/ECON 2300 3.0, AK/ECON 2350 3.0 and AK/ECON 2400 3.0, AK/ECON 2450 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4060 3.0 The Development of Economic Thought and Analysis II. The development of economic thought from the mid-nineteenth century to the present day.

Prerequisite: 78 credits including AK/ECON 2300 3.0, AK/ECON 2350 3.0 and AK/ECON 2400 3.0, AK/ECON 2450 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4070 3.0 Economic Integration Between Unequal Partners. Examines the history and development of selected major trading blocs where unequal partners are involved, such as: the European Union (EU), the Canada-U.S. Free Trade Agreement (FTA), and the North American Free Trade Agreement (NAFTA).

Prerequisite: 78 credits or, permission of the Chair of Economics.

Note: (i) Not open to students who have completed AK/ECON 4080A 6.0. (ii) This is a multi-disciplinary course especially for students in economics, administrative studies, political science, social work and other related disciplines.

AK/ECON 4080 3.0 (4080 6.0) Special Topics in Economics. The instructor and subject of this course will vary from session to session.

- B. Research Seminar in Economics
- C. Financial Economics

Prerequisite: B.: 78 credits including a 3000 level Economics course or, for students with equivalent preparation, permission of the Chair of Economics. C.: AK/ECON 1000 3.0 and AK/ECON 1010 3.0; AK/ECON 1530 3.0, AK/ECON 3470 3.0 and AK/ECON 3480 3.0; or, for students with equivalent preparation permission of the Chair of Economics.

Corequisite: C.: AK/ECON 1540 3.0.

AK/ECON 4090 6.0 Seminar in Collective Bargaining. In-depth study of critical issues in collective bargaining such as trends in collective bargaining, industrial conflict, incomes and wages policies, technological change and job rights, the impact of regional trading blocs, the internationalization of capital and globalization of production.

Prerequisite: 78 credits including AK/ECON 3610 3.0 and AK/ECON 3620 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4120 3.0 Topics in Econometrics. Advanced estimation methods of simultaneous equation systems; simulation and validation techniques of multi-equation systems; dynamic properties, multiplier evaluation and sensitivity analysis of econometric models.

Prerequisite: 78 credits including AK/ECON 1530 3.0, AK/ECON 1540 3.0, AK/ECON 3470 3.0, AK/ECON 3480 3.0, AK/ECON 3490 3.0, AK/ECON 3500 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Not open to students who have completed AK/ECON 4070 6.0.

AK/ECON 4130 3.0 Applied Econometric Modelling. Evaluation and comparison of some empirical micro and macro models with reference to structural specifications, estimation, validation and simulation techniques.

Prerequisite: 78 credits including AK/ECON 1530 3.0, AK/ECON 1540 3.0, AK/ECON 3470 3.0, AK/ECON 3480 3.0, AK/ECON 3490 3.0, AK/ECON 3500 3.0, AK/ECON 4120 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Not open to students who have completed AK/ECON 4070 6.0.

AK/ECON 4140 3.0 Applied Energy Economics I. The course explores energy policy issues which are technoeconomic in nature. It provides a survey of important topics in energy policy modelling. It begins with a literature survey of the key variables impacting the economy, then focuses on the results from empirical and theoretical analyses, methodologies used, and associated conceptual problems.

Prerequisite: 78 credits including AK/ECON 1000 3.0 and AK/ECON 1010 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4150 3.0 Applied Energy Economics II. The course focuses on both specialized and integrative energy policy models. The specialized models include energy policy models involving the individual behaviour, the structure of the energy system, and problems and interactions of energy, environment and conservation. Integrative models include an attempt to mesh demand and supply elements in an integrated fashion.

Prerequisite: 78 credits including AK/ECON 1000 3.0 and AK/ECON 1010 3.0 or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4160 3.0 Theory and Practice of Arbitration. The historical and current rationale for arbitration as a form of third party intervention in labour management disputes. Processes and practices of arbitration. Economic criteria including incomes policy as applied to contract arbitration. The role and scope of arbitrators as defined by public policy, judicial review and industrial jurisprudence.

Prerequisite: 78 credits including a 3000 level Economics course, or, for students with equivalent preparation, permission of the Chair of Economics.

AK/ECON 4170 3.0 (4170 6.0) Directed Research. Students conduct a research project under the guidance of a full-time faculty member in which emphasis is placed on research design, methodological issues and data analysis.

Prerequisite: 78 credits including: AK/ECON 1000 3.0 and AK/ECON 1010 3.0, AK/ECON 1530 3.0, AK/ECON 1540 3.0, AK/ECON 2300 3.0, AK/ECON 2350 3.0, AK/ECON 2400 3.0, AK/ECON 2450 3.0, AK/ECON 3470 3.0, AK/ECON 3480 3.0, or, for students with equivalent preparation, permission of the Chair of Economics.

Note: Students must be accepted by a faculty supervisor before they can register in the course. Priority will be given to Atkinson Economics majors in accordance with departmental guidelines.

ENGLISH

AK/EN 1000 3.0 (1000 6.0) Special Topics. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

- A. Canadian Writers in Person

AK/EN 2410 6.0 Introduction to Literature and Criticism. As a foundation for further studies in English, this course traces the relations, in English literary history, between literature itself and the changing conceptions, expressed by poets and critics alike, of what literature is and ought to be.

AK/EN 2420 6.0 Canadian Literature. An introductory survey of selected works by major poets and novelists of both English and French Canada-the latter in translation. (Same as AK/CDNS 2410 6.0)

AK/EN 2430 6.0 Readings in English Poetry from Chaucer to the Present. An introductory course. The approach will be historical, but specific content and format will vary with the instructor.

AK/EN 2440 6.0 Dramatic Literature. An introduction to the evolving forms and varieties of drama, based on the study of selected plays by major dramatists from classical Athens to the 20th century.

AK/EN 2460 6.0 English Language and Linguistics. An introduction to the study of the English language, including a comparison of traditional "school grammar" with a treatment based on modern linguistics. The course studies the varied uses of language: conversation, journalism, literature, and the essay.

3000 Level Courses:

1. Mediaeval and Renaissance:

AK/EN 3410 6.0 Old English. The critical study and translation of writings in the original Old English, as read against the textual, graphic and material culture of Anglo-Saxon England (broadly speaking from the Fifth to the Twelfth Centuries A.D.).

AK/EN 3420 6.0 Chaucer: The Major Works. A critical reading of Chaucer's works including *The Book of the Duchess*, *Troilus and Criseyde*, and selected *Canterbury Tales*. (Same as GL/ENGL 3210 6.0)

AK/EN 3430 6.0 Renaissance Poetry and Prose. The literature and culture of 16th-century England, from Sir Thomas More and the early Tudor poets to the Elizabethan world of Sidney, Spenser, Marlowe, the Countess of Pembroke and Donne.

AK/EN 3450 6.0 Shakespeare and his Contemporaries. This course studies a selection of the plays of Shakespeare, chosen to reveal the development of the dramatic forms and thematic preoccupations of his work, but also looks at major plays by his contemporaries.

AK/EN 3650 6.0 Literature of the Middle Ages. Mediaeval literature in translation, with works selected from a variety of countries, ages, and genres.

AK/EN 3655 6.0 Women's Writing in Early Modern England. Concentrating on the period approximately 1545 to 1660, this course addresses a variety of writing by women, such as: secular and devotional poetry, prose fiction of various kinds, drama, prophecy, translation, life writing, meditations and treatises, diaries, and spirited polemics. (Same as AK/HUMA 3605K 6.0)

AK/EN 3660 6.0 17th-Century Poets. Studies in John Milton; the poetry of the Metaphysical school of Donne, Herbert, and Marvell; Anne Finch, Aphra Behn and the Cavalier poets.

2. 1660-1900:

AK/EN 3310 6.0 Russian Literature of the 19th Century. A survey of Russian 19th-century literature to be studied in translation, and dealing with such authors as Tolstoy, Durova, Dostoyevsky and Chekhov. The role of the writers in relation to their society is one important issue discussed in the course.

AK/EN 3315 6.0 Self and Society in the European Novel. The modern novel grew with the rise of the middle class, capitalism, democracy, and the break-down of such authorities as religion and the family. Explores how Balzac, Flaubert, Dickens, George Eliot, Dostoevsky and Kafka and others respond to the revolutionary realities of their age. (Same as AK/HUMA 3340 6.0)

Note: Not open to students who have taken AK/HUMA 3940 6.0.

AK/EN 3330 6.0 The British Novel of the 18th Century. The first hundred years of the English novel, from Defoe to early Jane Austen, taking in works as various as *Tom Jones*, *Tristram Shandy*, the Gothic tales and the novels of Ann Radcliffe and Fanny Burney.

AK/EN 3480 6.0 Restoration and 18th-Century Literature. Focuses on the major 18th-century writers: Dryden, Pope, Swift, Lady Montague, Addison and Johnson in their historical and cultural setting.

AK/EN 3490 6.0 The British Novel of the 19th Century. A study of the themes, forms, and major achievements of English fiction in the century of Austen, the Brontës, Dickens, George Eliot, and Hardy.

AK/EN 3500 6.0 Poetry and Prose of the Romantic Period. Studies in the poetry and prose of Blake, Byron, Coleridge, Keats, Shelley, Charlotte Smith and the Wordsworths.

AK/EN 3530 6.0 Canadian Literature of the 19th Century. A study of early voices in English Canadian literature with due attention to the influence upon them of their British and American contemporaries.

Note: Not open to students who have taken AK/CDNS 3540 6.0.

AK/EN 3560 6.0 American Literature of the 19th Century. Studies in such major 19th-century authors as Emerson, Thoreau, Melville, Hawthorne, Dickinson, Stowe and Whitman.

AK/EN 3640 6.0 Victorian Poetry. A critical reading of the poetry of writers as various as Tennyson, Browning, Arnold, Clough, Mary Coleridge, Swinburne, Christina Rossetti, Hopkins, and Hardy.

3. 20th Century:

AK/EN 3210 6.0 Post-Colonial Writing in English. This course analyzes the conflicts and paradoxes that characterize the multiple use of the term "post-colonialism". The authors, writing in English, respond to the British colonial experience. Issues include language, gender, race, history, the canon and concepts of de-canonization.

AK/EN 3320 6.0 Modern Québec Fiction in Translation. The post-war fiction of Québec has been varied and lively. This course studies some of its trends from traditional realism, through politically-oriented and nationalist writing, to feminism and post-modernism.

Note: Not open to students who have taken AK/CDNS 3320 6.0.

AK/EN 3440 6.0 Foundations of Modernism. Studies in two or three of the early modern novelists or poets who have most decisively influenced the development of English literature in the 20th century.

AK/EN 3510 6.0 Modern Drama. Studies in theatre and drama from the turn of the century to the 1950s. Readings extend from pre-World War I dramatists such as Ibsen, Strindberg, Chekhov, and Shaw, through Brecht and O'Neill to Hellman, Hansberry, Miller, and Beckett. (Same as AK/THEA 3430 6.0)

AK/EN 3520 6.0 Contemporary Poetry. This course examines poetry written in English since World War II, tracing the development of traditional and new poetic ways of dealing with experience.

AK/EN 3540 6.0 Modern Poetry. A detailed study of the poetry of Yeats, H.D., Pound, Eliot, Stein, Stevens and their contemporaries.

AK/EN 3550 6.0 Modern American Literature. A survey of the more significant novelists, dramatists and poets of the United States from the turn of the century to the fifties, including consideration of the literary movements and the social and political milieux within which the writers worked.

AK/EN 3555 6.0 Modern Women Writers. An excursion into the rich field of writing by important twentieth-century women authors, drawn from Italian, French, German, and English-speaking cultures, explored from a comparative perspective. We will study the interaction of gender, class, culture, history, and individual circumstance. (Same as AK/HUMA 3360 6.0)

AK/EN 3580 6.0 Trends in Modern European Literature. A survey and analysis of the dominant themes in the modern literature of France, Spain, Germany, Czechoslovakia, Poland, and Russia.

AK/EN 3590 6.0 The Modern British Novel. A study of the work of selected British and Irish novelists from Conrad, Lawrence, Joyce and Woolf, to mid-century.

AK/EN 3591 3.0 Virginia Woolf. Woolf developed new ways of representing human character and consciousness, time and memory, and of understanding gender differences. Through readings in her fiction, essays and autobiographical writings we explore Woolf's crucial contributions to feminism and modernism. (Same as AK/HUMA 3370 3.0)

Note: Not open to students who have taken AK/HUMA 3620N 3.0.

AK/EN 3620 6.0 Modern Canadian Literature. A study of the emergence and development of a major canon of Canadian poetry and prose-fiction in the 20th century, with some emphasis on the evolution of a body of Canadian literary criticism.

Note: Not open to students who have taken AK/CDNS 3620 6.0.

AK/EN 3670 6.0 Contemporary Drama. Studies in theatre and drama of recent decades; selected American, Canadian, British and other European plays. (Same as AK/THEA 3440 6.0)

AK/EN 3680 6.0 Literature of Ireland. A study of such authors as Mangan, Yeats, Joyce, Kavanagh, Heaney, Edna O'Brien, Ní Dhomhnaill, of the Gaelic literature (in translation) which has inspired many modern Irish authors, and of the historical contexts in which the works have been written. (Same as AK/HUMA 3605S 6.0)

AK/EN 3700 6.0 Contemporary Writing in Canada. A study of a selection of recent work by Canadian poets, novelists and playwrights.

Note: Not open to students who have taken AK/CDNS 3700 6.0.

AK/EN 3710 6.0 Wisdom Literature. A reading of classical wisdom books of Oriental non-theistic, Judaeo-Christian, and American eclectic traditions. Focus of the study is on language and imagery that reveal glimpses of original contemplative paths and practices.

Note: Not open to students who have taken AK/EN 4100C 6.0 or AK/EN 4210 6.0.

Creative Writing:

AK/EN 3770 6.0 Creative Writing. A seminar-workshop which encourages spontaneous creativity in prose and verse.

Note: Not open to students who have taken AK/EN 3100H 6.0, AK/EN 3777 6.0.

AK/EN 3780 6.0 Creative Prose-writing. A seminar-workshop. In-class writing instruction and practice based on awareness techniques, home and street assignments, journal writing, dream recording. Models studied include Lawrence, Miller, Durrell, Nin, Burroughs, Kerouac. (Period 3)

Note: Not open to students who have taken AK/EN 3100S 6.0, AK/EN 3778 6.0.

Language and Linguistics:

AK/EN 3800 6.0 Language, Style and Discourse. Examines the history of the English language and of literary style from the Old English period to the present, investigating lexical and grammatical structures, and the variation of style according to context. (Period 2)

Selected Topics:

AK/EN 3000 6.0 Selected Topics. In any given session, one or more of the following courses may be offered.

- A. Female/Male Perspectives in Literature (same as AK/HUMA 3605C 6.0)
- B. Children's Literature (same as AK/HUMA 3605L 6.0)
- D. Black Writers and Their Worlds (same as AK/HUMA 3380 6.0)

- E. The Comic Mode in Western Literature (same as AK/HUMA 3605H 6.0)
- H. Politics and Literature (same as AK/HUMA 3605P 6.0 or AK/POLS 3550 6.0)
- J. Comparative Issues in Canadian and American Native Literature (same as AK/HUMA 3605M 6.0)
- K. Popular Culture in the 20th Century (same as AK/HUMA 3980 6.0)
- L. Medea to Mother Courage: Tragedy in Western Literature (same as AK/HUMA 3300 6.0 and AK/FA 3300 6.0)

Special Topics:

AK/EN 3100 3.0 (3100 6.0) Special Topics. Topics vary from session to session; half courses (AK/EN 3100 3.0) will normally focus on the work of a single author.

I. AK/EN 3100 3.0. Authors chosen from among the following:

- A. Margaret Atwood
- B. Robert Browning
- C. W. B. Yeats
- E. Jonathan Swift
- G. Joseph Conrad
- J. John Donne
- K. Thomas Hardy
- M. Plath and Hughes
- N. Wallace Stevens
- Q. Adrienne Rich
- R. Marge Piercy
- S. James Joyce
- T. Patrick Kavanagh
- V. William Faulkner
- W. John Montague
- Z. George Eliot (same as AK/HUMA 3605E 3.0)

Proposed courses under this rubric will be announced by the Department before each academic session. Consult individual course outlines.

II. AK/EN 3100 3.0 (3100 6.0). Topics will be chosen from among the following:

- A. By and About Women (same as AK/HUMA 3570 6.0)
- J. Satire
- P. Canadian Native Autobiography (3.0)
- Q. Literature of the Canadian Prairies (same as AK/CDNS 3100H 6.0)
- R. Contemporary Literature in the United States
- V. Feminist Writing
- W. Italian Canadian Literature: Identity and Voice (same as AK/CDNS 3110A 6.0)
- X. Studies in African American and African Canadian Literature
- Y. Contemporary Children's Literature: An Intercultural Perspective
- Z. Healing Fiction: Literature and Medicine (Period 1) (same as AK/HUMA 3605R 6.0)

Proposed courses under this rubric will be announced by the Department before each academic session. Consult individual course outlines.

III. AK/EN 3110 3.0 (3110 6.0) Special Topics in Post-Colonial Literature. Offerings will change from session to session in order to cover such diverse offerings as Chinese, Indian, Latin American, Caribbean and African Literature.

- A. Modern Women Writers in China and India
- B. Latin-American Literature
- C. Caribbean Literature
- D. Representations of the African World
- E. Australian Women Writers
- G. India: Women and Their Writing

For Summer Session 1999:

AK/EN 3110C 3.0 Caribbean Literature. This course introduces students to some of the acknowledged classics of Caribbean literature and to the range of Caribbean writing in English. The novel, poetry, drama and the short story are all represented.

4000 Level Courses:

Most of the following courses fall quite clearly into one or another of the required periods, as designated in brackets after the description. Students taking courses not so designated may sometimes fulfill a period requirement by concentrating their work in a specific area, in consultation with the course director.

Note: Honours students may need a 4000 level course in a particular period to complete their degree. If such a course is not being offered in any given session, students should contact the Chair of English.

AK/EN 4000 3.0 (4000 6.0) Directed Reading. A course designed to afford the student an opportunity to conduct a detailed, independent study of his or her own choosing.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

Note: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such a course must be submitted with a note from the supervisor stating his or her willingness to perform this task. Permission of the Department Chair is also required. Ordinarily a student should take English AK/EN 4000 6.0 only once, although at the discretion of the Chair of the Department, this restriction may be waived.

AK/EN 4010 6.0 Literature and Other Arts. Studies in the critical theory and creative practice of literature's relationship, at different times, to the visual arts, music and film. (Period 3)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4020 6.0 Archetype, Myth and Symbol. A seminar exploring the archetypal approach to literary criticism. (Period 2)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4030 6.0 Literature of Crisis. Investigates prose and poetry that come out of extreme situations involving total war, civil war, or suicide. (Period 3)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4040 6.0 Elizabethan-Jacobean Drama. Studies selected plays by Shakespeare and major contemporaries of Shakespeare, including such writers as Marlowe, Jonson, Chapman, Webster, Tourneur, Middleton and Ford. (Period 1)

Prerequisite: 78 credits, including AK/EN 3450 6.0 or AK/EN 3460 6.0, or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4050 6.0 The Renaissance Epic. Studies in such works as Sidney's *Arcadia*, Spenser's *Faerie Queene*, and Milton's *Paradise Lost*. (Period 1)

Prerequisite: 78 credits, including a 3000 level English course in the Renaissance period, or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4060 6.0 Major Canadian and American Novelists Since the Twenties. A specialist study of modern North American fiction, concentrating on three or four novelists who have produced a considerable body of significant works, such as Faulkner, Fitzgerald, Hemingway, Oates, Beattie, Callaghan, Laurence, and Munro. (Period 3)

Prerequisite: 78 credits, including a 3000 level English course in fiction or Canadian or American literature, or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4070 6.0 Canadian Women Writers. Studies of poetry, drama and fiction by Canadian women writers of recent decades including works by French Canadian authors (in translation). (Period 3)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4080 6.0 Advanced Readings in Romanticism. A close study of some of the longer works of the Romantics in the light of their own aesthetic and metaphysical formulations, with considerable attention to Romantic theories and the use of symbolism. (Period 2)

Prerequisite: 78 credits, including AK/EN 3500 6.0, or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4090 6.0 19th-Century Women Novelists. Focusing principally on the fiction of Jane Austen, the Brontës, and George Eliot, the course examines the work of 19th-century women novelists in the light of their historical and social background. (Period 2)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4130 6.0 Seminar in Literary Theory. Explores selected 20th-Century methods of literary analysis in relation to their theoretical foundations. Discussion may include areas such as aesthetics, design, linguistics, stylistics, structuralism, discourse analysis, hermeneutics, deconstructionism, psychoanalysis, Marxism, feminism, phenomenology and reader-response. (Period 3)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

AK/EN 4140 6.0 Studies in Poetry by Women. A seminar which examines the range and character of a selection of work by women poets, in the light of contemporary critical theorising of women's writing. (Period 2 or 3)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

Note: Not open to students who have completed AK/EN 3100K 6.0.

Special Topics:

AK/EN 4100 3.0 (4100 6.0) Special Topics. Topics vary from session to session, to offer in rotation a variety of specialized studies in different literary periods, genres and themes; half courses (AK/EN 4100 3.0) will normally focus on the work of a single author.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of English.

- A. English Drama from the Middle Ages to 1642

Proposed courses under this rubric will be announced by the Department before each academic session. Consult individual course outlines.

WRITING PROGRAMMES

Although the College does not offer a Degree Programme in Writing Programmes, the following courses are available and recommended for all students, and in particular for those studying at Atkinson.

AK/EN 1400 6.0 Critical Thinking, Reading, and Writing. By means of a study of texts and themes drawn from the Humanities and Social Sciences, as well as from English Literature, the course aims to develop critical comprehension and the discipline of effective expression in written English.

Note 1: This course is considered an elective outside the major for students majoring in English.

Note 2: English 1400 6.0 is particularly intended for students taking one of their first few University courses, and will require completion of frequent written assignments. Special sections of the course are offered for students for whom English is a second language. The number of places available is limited. For further information about this course, please call Writing Programmes at 416-736-5343.

AK/EN 1480 3.0 Writing with Reason. Using material from the humanities and social sciences, this course develops students' skills in academic writing and textual analysis, while introducing strategies for assessing how arguments are constructed and evaluated in various academic disciplines.

Note 1: This course is considered an elective outside the major for students majoring in English.

Note 2: When taken as AK/MODR 1780 3.0 and combined with AK/MODR 1790 3.0, this course will be counted toward the Modes of Reasoning General Education requirement.

Note 3: Not open to students who have taken AK/MODR 1780 3.0.

AK/EN 1490 3.0 Reasoning with Concepts. Using social and ethical issues, this course teaches skills for isolating conceptual issues, for thinking about them critically, and for articulating them in essays and extended arguments.

Prerequisite: AK/EN 1480 3.0 or AK/MODR 1780 3.0 and no more than five full courses completed (or equivalents).

Note: Not open to students who have taken AK/MODR 1790 3.0.

FILM - SEE FINE ARTS

FINE ARTS

Interdisciplinary Fine Arts Courses:

AK/FA 2010 3.0/6.0 Selected Topics in Interdisciplinary Fine Arts. Treatment of various topics in Fine Arts.

Note: Not open to students who have taken AK/FA 2010 3.0, or 2010 6.0.

AK/FA 2100 6.0 Art and Technology. Combining theory and introductory studio components, the course surveys the invention and evolution of technologies of art practices in music, theatre, film and the visual arts from oil painting to the internet, from the drum to the digital synthesizer. How technologies change the relationship between art and its audiences and the relationship among the art disciplines themselves is a key thematic. (Same as AK/HUMA 2100 6.0)

Prerequisite: One general education course.

AK/FA 3010 3.0 (3010 6.0) Selected Topics in Interdisciplinary Fine Arts. Treatment of various topics in Fine Arts.

- A. Theory and Practice of Video Art in Performance and Installation (6.0) (Studio)
- B. The Melodramatic Imagination: Opera, Music, Film (6.0)
- C. Performance Art: The Politics of Identity/Sites of Political Activism (6.0)

Note: Not open to students who have taken AK/FA 3010 3.0, or 3010 6.0.

AK/FA 3100 6.0 Philosophy of Art. The course focuses upon one of the essential problems for artists and art theoreticians; the relationship between art and art theory. From this perspective conceptions about art developed by both artists and theoreticians are compared with the artistic experience and works of art in an attempt to find a common ground for both.

Prerequisite: A 1000 level General Education Mathematics or Modes of Reasoning course.

Note: Not open to students who have taken AK/PHIL 3520 6.0.

AK/FA 3300 6.0 Medea to Mother Courage: Tragedy in Western Literature. A study of concepts of tragedy and tragic themes in literature from antiquity to the present, viewed in their cultural and historical contexts as well as in relation to their contemporary relevance. Readings by authors such as Aeschylus, Shakespeare, Ibsen, Chekhov, Pirandello, Brecht. (Same as AK/EN 3000L 6.0 and AK/HUMA 3300 6.0)

Note: Not open to students who have taken AK/HUMA 3740 6.0.

AK/FA 3502 3.0 (3502 6.0) Travel and Learn Special Topics. In any given year, a lecture and travel course may be offered in Art History or Theory on a topic which is not included in the usual course offerings. Proposed topics and the specific prerequisites are announced each year. The specific travel requirements necessitate additional costs above and beyond tuition costs, and these will be announced each time a proposed topic is announced.

- A. Art, Architecture and Urban Life in Europe
- B. Performance Art: The Politics of Identity/Sites of Political Activism

AK/FA 4500 3.0/6.0 Selected Topics in Interdisciplinary Fine Arts. Topics vary from session to session to offer a variety of specialized studies, genres and themes in Fine Arts. This may count either as a Film, Music, Theatre or Visual Arts course (depending upon topics selected during that session).

Note: Not open to students who have taken AK/FA 4500 3.0, or 4500 6.0.

- A. Foundations of Creative Imagination (6.0)
- B. Integrated Arts in Education (6.0)
- C. Culture, Memory and Resistance: Responses to the Holocaust (6.0)

Note: Entry to these courses only by permission of the Course Director.

Dance

AK/DANC 2010 6.0 Dance Experience (Studio). An introduction to dance and expressive movement for non-dancers. Students are instructed in the body therapies of Laban, Bartenieff and F.M. Alexander, and in certain modern dance techniques of Martha Graham and Doris Humphrey.

Prerequisite: None.

AK/DANC 2020 3.0 Introduction to Dance History I. A chronological survey of theatrical and social dance of Europe, emphasizing major developments in a broad cultural context prior to the twentieth century. Some movement will be introduced.

Prerequisite: None.

AK/DANC 2030 3.0 Introduction to Dance History II. A continuation of AK/DANC 2020 3.0. A chronological survey of theatrical and social dance in Europe and North America emphasizing the major developments of the twentieth century. Some movement will be introduced.

Prerequisite: None.

AK/DANC 3010 6.0 The Dance Experience II (Studio). Expands upon work begun in AK/DANC 2010 6.0 and further investigates the creative, technical, interpretive and communicative aspects of modern dance as an art form, a physical discipline and a mode of non-verbal communication.

Prerequisite: AK/DANC 2010 6.0 or permission of the Course Director on the basis of equivalent dance training.

Film

Note: Please consult annual Interdisciplinary Fine Arts course offerings (see under Courses Of Instruction: Fine Arts, Interdisciplinary Fine Arts courses, designated with letter codes: AK/FA) since they may count as Fine Arts courses inside or outside your discipline major. For further information contact the Department of Fine Arts.

AK/FILM 2340 6.0 Video and Film Production (Studio). Theoretical and practical introduction to video and film making, explored through a variety of approaches such as home movies, documentary, drama, performance, and experimental film and video.

Prerequisite: Permission of the Film Coordinator. Interview required.

AK/FILM 2400 6.0 Critical and Theoretical Approaches to the Art of Film. An introduction to film examining the various critical and theoretical approaches that have so far been elaborated including the montage theory of Eisenstein, the Realist theory of Bazin, and the contribution of structuralism and semiotics, accompanied by the screening of relevant films. Required of film majors.

AK/FILM 2430 6.0 The Hollywood Cinema. An investigation of Hollywood through the critical concepts of Authorship, Genre and Ideology, introducing the major critical approaches developed during the past decade derived from structuralism and psychoanalytical theory. Required of film majors.

Note: Not open to students who have taken AK/FILM 3430 6.0.

AK/FILM 3230 3.0 (3230 6.0) Images and Women. Examines the ways in which women have been presented in film, both within mainstream cinema (Hollywood, European), and outside it, and of the contributions and interventions of women film-makers (whether stars, directors or writers), supported by the study of available feminist approaches to film criticism. (AK/FILM 3230 3.0 same as FA/FILM 3810 3.0)

Prerequisite: AK/FILM 2400 6.0 or AK/FILM 2430 6.0 or, for students with equivalent preparation, permission of the Film Coordinator.

Note: Not open to students who have taken AK/FILM 3230 3.0 or 3230 6.0.

AK/FILM 3240 3.0 The Director's Cinema. A critical examination of theories of authorship through the study of a body of work by one or two directors. (Same as FA/FILM 3250A 3.0)

Prerequisite: AK/FILM 2400 6.0, or AK/FILM 2430 6.0, or, for students with equivalent preparation, permission of the Film Coordinator.

Note: This course may be taken more than once.

AK/FILM 3250 3.0 Work of Selected Filmmakers. An intensive study of the stylistic and thematic elements in the work in the work of two filmmakers or video producers contrasted in cultural background and conditions of production.

Prerequisite: AK/FILM 2400 6.0, or AK/FILM 2430 6.0, or, for students with equivalent preparation, permission of the Film Coordinator.

Note: This course may be taken more than once.

AK/FILM 3310 3.0 (3310 6.0) Screenwriting. Combining theoretical, critical and practical approaches, the course will examine the construction of various types of film script (both fictional and non-fictional), the problems of adaptation, the relationship between screenplay and completed film, the art of thinking cinematically. It will involve both the study of existing screenplays and films and the writing of original screenplays for short subjects.

Prerequisite: AK/FILM 2400 6.0, or AK/FILM 2430 6.0, or, for students with equivalent preparation, permission of the Film Coordinator.

Note 1: This course may be taken as a studio or film study course.

Note 2: Not open to students who have taken AK/FILM 3310 3.0 or 3310 6.0.

AK/FILM 3440 6.0 The European Cinema. An investigation of the cultural background and cinematic achievement of the European cinema from 1893 to the present day. Since this is a vast area of study, the focus may change from year to year, sometimes concentrating on one country or period, sometimes on another. Particular details concerning this course will be available each time it is offered.

Prerequisite: AK/FILM 2400 6.0 or, for students with equivalent preparation, permission of the Film Coordinator.

AK/FILM 3450 3.0 (3450 6.0) The Documentary Film. The "creative interpretation of reality" in film, from Flaherty to Cinéma Verité and television. A study of changing forms, techniques, and theories of documentary; its role in public information, propaganda, and social analysis.

Prerequisite: AK/FILM 2400 6.0 or, for students with equivalent preparation, permission of the Film Coordinator.

Note: Not open to students who have taken AK/FILM 3450 3.0 or 3450 6.0.

AK/FILM 3480 6.0 The Western: History and Myth. The course will study the achievement within the Western genre of some of the most distinguished American directors while exploring the cultural, historical and ideological determinants operating within specific films and tracing the relationship of the Western to major works of American literature.

Prerequisite: AK/FILM 2400 6.0 and AK/FILM 2430 6.0 or, for students with equivalent preparation, permission of the Film Coordinator.

AK/FILM 3530 6.0 Genre Study. The concept of genre in Hollywood cinema is investigated with attention to cultural significance, social/historical determinants, and usefulness to critical methodology. Concentration is on one popular genre. Conventions, evolution, iconography, and work of individual directors is examined.

Prerequisite: AK/FILM 2400 6.0 or AK/FILM 2430 6.0 or, for students with equivalent preparation, permission of the Film Coordinator.

AK/FILM 3600 6.0 Television and Society. The course introduces conceptual approaches to the issue of the effect of television on contemporary society. Political economy of broadcasting, role of advertising in the mass media, theories of televisual spectatorship, and postmodern theories of the image will be studied.

Prerequisite: AK/FILM 2400 6.0.

AK/FILM 3750 3.0 Studies in National Cinema. This course concentrates on an exploration of the theory and cinema histories. The political economy of independent film, the cultural and political contexts of production, distribution and reception, distinct narrative traditions and the major cinematic movements are addressed.

A. African Cinema

B. Latin American Cinema

Prerequisite: AK/FILM 2400 6.0 OR AK/FILM 2430 3.0.

AK/FILM 4210 3.0 (4210 6.0) Film in Canada A. This course examines a selected corpus of Canadian films, television programs and videos in relation to theories of cultural identity, nationalism and technologies of communication. The historic conditions of production, cultural policy, exhibition and distribution will form an important focus. (AK/FILM 4210 3.0 same as FA/FILM 3401A 3.0)

Prerequisite: AK/FILM 2400 6.0 or AK/FILM 2430 6.0 or, for students with equivalent preparation, permission of the Film Coordinator.

AK/FILM 4211 3.0 Film in Canada B. This course will develop specific thematic approaches to the study of Canadian film, television and video. Topics may include: state cultural policy, regional and alternative filmmaking, Quebec cinema, documentary, mainstream narrative feature filmmaking, key directors and movements. (Same as FA/FILM 3401B 3.0)

Prerequisite: AK/FILM 2400 6.0 or AK/FILM 2430 6.0.

AK/FILM 4410 3.0 (4410 6.0) Film and Social Change. Investigates the ways in which films of all kinds can be used as a means to radical insights into culture, giving consideration to the contributions to film criticism and theory offered by various radical movements such as Marxism, Feminism and Gay Liberation. Attention will be paid to films specifically intended to promote, change or challenge dominant norms.

Prerequisite: AK/FILM 2400 6.0 and one other film course or, for students with equivalent preparation, permission of the Film Coordinator.

Note 1: Not open to students who have taken AK/FILM 4410 3.0 or 4410 6.0.

AK/FILM 4430 6.0 The Japanese Cinema. The work of Japan's major film-makers will be studied for its artistic merit and relation to the industry and culture within which the films were produced.

Prerequisite: AK/FILM 2400 6.0 and one other film course or, for students with equivalent preparation, permission of the Film Coordinator.

AK/FILM 4450 3.0 Study of Selected Films. Introduction to the theory and methodology of close textual readings. The emphasis is on precise and detailed analysis of selected films (supported by at least two complete rescreenings).

Prerequisite: AK/FILM 2400 6.0 plus one other film course or, for students with equivalent preparation, permission of the Film Coordinator.

Note: Not open to students who have taken AK/FILM 4450 6.0.

AK/FILM 4460 3.0 Case Studies of Selected Films. The course concentrates on the intensive study of not more than 3 feature films (or the equivalent in shorter films). The historical and economic conditions of production and reception are examined in depth.

Prerequisite: AK/FILM 2400 6.0 plus one other film course or, for students with equivalent preparation, permission of the Film Coordinator.

Note: Not open to students who have taken AK/FILM 4450 6.0.

AK/FILM 4500 3.0 (4500 6.0) Selected Topics. In any given year, a course may be offered in Film Studies on a topic which reflects the special interest or expertise of regular or guest faculty, and which is not included in the usual course offerings. Proposed topics and their prerequisites will be announced in the Spring of each year.

- A. Psychoanalysis and Film
- B. Sexual Politics in Film
- C. Hitchcock: Suspense, Gender, and Sexual Politics
- D. The Construction of the Star Image
- E. The Melodrama

G. The Third Cinema: Race and Representation (6.0) (same as FA/FILM 4500C 6.0)

Note 1: Entry to the course only by permission of the Film Coordinator. This course may be taken more than once.

Note 2: Not open to students who have taken AK/FILM 4500 3.0 or 4500 6.0.

AK/FILM 4550 3.0 (4550 6.0) Independent Study in Film. Open to advanced students only, this course will give the highly motivated film student an opportunity to pursue intensive study on his or her own under the guidance of a departmental instructor.

Prerequisite: Completion of at least 78 credits including all the required film courses: AK/FILM 2400 6.0 and AK/FILM 2430 6.0 plus 6 additional film credits and permission of the Film Coordinator and the Chair of Fine Arts.

Note 1: Not open to students who have taken AK/FILM 4550 3.0 or 4550 6.0.

AK/FILM 4600 3.0 (4600 6.0) Special Topics: Independent Cinema. The course provides an intensive study of individual film and video directors and movements which have operated outside the Hollywood and European commercial systems.

- A. Contemporary Independent (3.0)
- B. Canadian Postmodern (3.0)

Prerequisite: AK/FILM 2400 6.0 and one 3000 level film course or, for students with equivalent preparation, permission of the Film Coordinator.

The attention of students is directed to AK/FA 4500B 6.0 Integrated Arts in Education. Depending on the topic offered, AK/FA 4500B 6.0 may be counted as a Film Studio course. Consult the Department for the current topic.

Note: Not open to students who have taken AK/FILM 4600 3.0 or 4600 6.0.

Music

Note: Please consult annual Interdisciplinary Fine Arts course offerings (see under Courses Of Instruction: Fine Arts, Interdisciplinary Fine Arts courses, designated with letter codes: AK/FA) since they may count as Fine Arts courses inside or outside your discipline major. For further information contact the Department of Fine Arts.

AK/MUSI 2020 3.0 (2020 6.0) Performance in Western Art Music I (Studio). The course provides qualified students with individual and/or class instruction in performance in vocal or instrumental music and requires participation in one or two of the following ensembles: Contemporary Music Ensemble, Contemporary Improvisation Ensemble, Jazz Orchestra, Toronto Community Orchestra, University Choir, Wind Symphony, and other chamber ensembles where feasible.

Prerequisite: Audition through the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 2020 3.0 or 2020 6.0.

AK/MUSI 2140 3.0 Principles of Kodaly Pedagogy (Studio). The basic stages of development in the Kodaly approach to music education are defined in logical sequence. A two-fold format is followed; first, a discussion and illustration of these stages of development; second, a practical application of these principles to the musical development of students.

Prerequisite: AK/MUSI 2500 6.0 or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3170 3.0.

AK/MUSI 2180 3.0 Principles of Orff Pedagogy (Studio). An introduction to the principles and techniques of Carl Orff's Music for Children. Rhythm, melody, harmony and form are taught through

creative movement, playing the recorder and the Orff instrumentarium, singing, and conducting. In-class practice teaching is an essential part of the course content.

Prerequisite: AK/MUSI 2500 6.0 or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3160 3.0.

AK/MUSI 2210 6.0 Introduction to Musical Experience. Through experience of a broad range of music the course seeks to develop active, creative listeners able to respond to and understand music on many levels. (Same as FA/MUSI 1511 3.0 and FA/MUSI 1512 3.0)

Note: Students are expected to attend concerts during the course. This course is for elective credit only. Not open to students who have taken AK/MUSI 2430 6.0.

AK/MUSI 2220 6.0 History of European Music. A survey of the history of European music with particular attention to music in England, France, Germany and Italy. The cultivation of European music in North America is explored from 1800. Major composers' works are examined with reference to pertinent social and historical contexts. Required of Music majors.

Prerequisite: AK/MUSI 2210 6.0 or AK/MUSI 2600 6.0 or permission of the Music Coordinator.

AK/MUSI 2500 3.0 (2500 6.0) Elementary Musicianship (Studio). A course in the rudiments of music for students with little or no formal training in music. Reading music on simple instruments, singing songs at sight, taking down rhythms and melodies by ear, conducting and rehearsing ensembles, composing and making arrangements of pieces. On successful completion of this course students may enter AK/MUSI 2600 6.0.

Note 1: Students are expected to supply their own course instruments.

Note 2: Students who already have credit for AK/MUSI 2600 6.0 or equivalent may not take AK/MUSI 2500 6.0.

Note 3: Not open to students who have taken AK/MUSI 2500 3.0 or 2500 6.0.

AK/MUSI 2600 6.0 Workshop in Musicianship (Studio). A more advanced course in musicianship for students with some formal training in music. Playing musical instruments (including those used in AK/MUSI 2500 6.0), singing more advanced songs at sight, conducting and rehearsing ensembles, taking down melodies and chords by ear, composing and making arrangements of pieces, and methods for analysing music are stressed. Required of Music majors.

Prerequisite: AK/MUSI 2500 6.0 or permission of the Music Coordinator.

Note: To register in AK/MUSI 2600 6.0 students must undergo an assessment, otherwise students must register in AK/MUSI 2500 6.0 before registering in AK/MUSI 2600 6.0. Not open to students who have taken AK/MUSI 2000 6.0.

AK/MUSI 3010 3.0 (3010 6.0) Special Topics in Performance (Studio). Various performance areas are selected from year to year. Among the courses we expect to offer are: Vocal Ensembles and Repertoire, Baroque Ensembles and Repertoire, Instrumental Ensembles and Repertoire.

- A. Euro-American Traditional Music (3.0/6.0)
- B. World Music (3.0/6.0)
- C. Early European Music (3.0/6.0)
- D. Winds (3.0/6.0)
- E. Chord Instruments (3.0/6.0)

Prerequisite: AK/MUSI 2600 6.0 and AK/MUSI 2220 6.0, or equivalents, or permission of the Music Coordinator.

AK/MUSI 3020 3.0 (3020 6.0) Performance in Western Art Music I (Studio). The course provides qualified students with individual and/or class instruction in performance in vocal or instrumental music and requires participation in one or two of the following ensembles: Contemporary Improvisation Ensemble, Jazz Orchestra, Toronto Community Orchestra, University Choir, Wind Symphony, and other chamber ensembles where feasible.

Prerequisite: AK/MUSI 2020 6.0 or equivalent, and audition through the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3020 3.0 or 3020 6.0.

AK/MUSI 3050 6.0 Jazz Workshop (Studio). A systematic approach to composing, improvising, and ensemble playing in the jazz idiom. Students receive weekly instruction in jazz theory and related applied training in performance workshops. (Same as FA/MUSI 1050 6.0)

Prerequisite: By audition through the Music Coordinator.

AK/MUSI 3120 6.0 Foundations of Music Education. Comparative study of theories and practices for cultivating the knowledge and experience of music in children. Special emphasis is given to the study of current approaches to the assessment of listening skills, to creativity and to the development of music through language and movement.

Prerequisite: AK/MUSI 2140 3.0 and AK/MUSI 2180 3.0 or permission of the Music Coordinator.

AK/MUSI 3130 3.0 (3130 6.0) Choral Techniques and Repertoire (Studio). The development of singing and conducting skills, and knowledge of the choral repertoire.

Prerequisite: AK/MUSI 2500 6.0 or AK/MUSI 2600 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3130 3.0 or 3130 6.0.

AK/MUSI 3140 3.0 Principles of Kodaly Pedagogy II (Studio). A continuation of AK/MUSI 2140 3.0. The development of the pedagogy of musicianship is intensified, with more advanced study of singing and conducting.

Prerequisite: AK/MUSI 2140 3.0 or permission of the Music Coordinator.

AK/MUSI 3160 3.0 Creating Music in Vocal Forms (Studio). Music in a variety of styles is performed and examined as a basis for creating new works for use in schools and community settings. Emphasis on choirs/solo voices using keyboard and Orff instruments. Development of skills in theory and musicianship. (Same as FA/MUSI 3120 3.0)

Prerequisite: AK/MUSI 2220 6.0 and AK/MUSI 2600 6.0, or equivalents, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3150 3.0/6.0.

AK/MUSI 3170 3.0 Creating Music with MIDI (Studio). A continuation of AK/MUSI 3160 3.0, with an emphasis on MIDI technology. (Same as FA/MUSI 3450 3.0)

Prerequisite: AK/MUSI 2220 6.0 and AK/MUSI 2600 6.0, or equivalents, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3150 3.0/6.0.

AK/MUSI 3180 3.0 Principles of Orff Pedagogy II (Studio). The philosophy and practice of Carl Orff's Music for Children will be applied to the primary level of instruction. Rhythmic, melodic and harmonic resources are expanded, and the level of choral techniques, recorder performance, knowledge of instrumentation and movement studies is intensified.

Prerequisite: AK/MUSI 2180 3.0 or permission of the Music Coordinator.

AK/MUSI 3190 3.0 (3190 6.0) Composition Workshop I (Studio). A continuation of AK/MUSI 2600 6.0. More advanced projects in musicianship, theory, analysis, and composition.

Prerequisite: AK/MUSI 2600 6.0 or FA/MUSI 2200 6.0, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3190 3.0 or 3190 6.0.

AK/MUSI 3310 3.0 Traditional Music of the Western Continents. A survey of oral traditions in Europe, the Americas, and Africa emphasizing connections among them.

Prerequisite: AK/MUSI 2210 6.0 or AK/MUSI 2220 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3300 3.0 (3300 6.0).

AK/MUSI 3320 3.0 Music of Asia. An intensive treatment of musical traditions of East Asia, South Asia, and the Middle East.

Prerequisite: AK/MUSI 2210 6.0 or AK/MUSI 2220 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3300 3.0 (3300 6.0).

AK/MUSI 3370 3.0 Traditional Music in Canada. A survey of Native, British, European, and non-European traditions in Canada with a focus on social and cultural history in a broader, North American and world context.

Prerequisite: AK/MUSI 2210 6.0 or AK/MUSI 2220 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3370 6.0.

AK/MUSI 3380 3.0 Concert Music in Canada. An intensive treatment of the Euro-American concert tradition in Canada from colonial times to the present with consideration of urban musical institutions and parallel developments in the commercial, American, and international music scenes.

Prerequisite: AK/MUSI 2210 6.0 or AK/MUSI 2220 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3370 6.0.

AK/MUSI 3390 3.0 (3390 6.0) Special Topics. In any given year, courses may be given on specific composers, historical periods or particular areas of the world.

Among the topics to be studied are:

- A. The Baroque Era
- B. Enlightenment and Romanticism
- C. Topics in Opera
- D. Topics in the Symphony

Prerequisite: AK/MUSI 2220 6.0 or equivalent preparation, or permission of the Music Coordinator.

Note 1: This course may be taken more than once.

Note 2: Not open to students who have taken AK/MUSI 3390 3.0 or 3390 6.0.

AK/MUSI 3420 3.0 (3420 6.0) Studies in Early European Art Music. The major composers and repertoires of Mediaeval, Renaissance and early Baroque music. Theoretical writings, techniques of composition and notation, and developments in performance practice will be examined, in relation to relevant aspects of European cultural history.

Prerequisite: AK/MUSI 2220 6.0 or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3420 3.0 or 3420 6.0.

AK/MUSI 3430 3.0 (3430 6.0) Opera. The course deals with the history of opera from about 1600 to the present, including Romanticism, Realism, Symbolism and Expressionism; it emphasizes various issues such as musical and literary structures; opera as social and aesthetic commentary.

Prerequisite: AK/MUSI 2220 6.0, or for students with equivalent background, permission of the Music Coordinator.

Note 1: All students are required to attend a Canadian Opera Company production.

Note 2: Not open to students who have taken AK/MUSI 3430 3.0 or 3430 6.0.

AK/MUSI 3440 6.0 Music of the Americas. Tribal, folk, popular, and cultivated music as absorbed and transformed by the civilizations of the New World. Topics treated may include: the early history of music in Canada and the development of Jazz, Blues and Rock. (Same as FA/MUSI 3350 6.0)

Prerequisite: AK/MUSI 2210 6.0 or permission of the Music Coordinator.

AK/MUSI 3450 6.0 Music in Popular Culture. After a comprehensive definition of popular music, the course investigates the cultural history and stylistic development of popular music in Europe and North America from the Middle Ages to the 1980's. The bulk of the course deals with popular music in the 20th century including ragtime, jazz, blues, show music, country and western, commercial folk music, rhythm 'n' blues, and rock.

Prerequisite: AK/MUSI 2210 6.0 or permission of the Music Coordinator.

AK/MUSI 3500 3.0 Studies in Early Twentieth Century Music. An introduction to some significant trends in this century's music up to 1945, including jazz. Emphasis on problems of style and communication in an era of social and cultural change, and on the new versus the traditional.

Prerequisite: AK/MUSI 2220 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3410 3.0 (3410 6.0).

AK/MUSI 3510 3.0 Studies in Late Twentieth Century Music. A continuation of AK/MUSI 3410 3.0, from 1945 onward. Guest lecturers will include noted Canadian composers.

Prerequisite: AK/MUSI 2220 6.0, or equivalent, or permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 3410 3.0 (3410 6.0).

AK/MUSI 3600 3.0 Counterpoint (Studio). Study of the traditional pedagogy of species counterpoint in conjunction with study of music of the Middle Ages and Renaissance. Work in contrapuntal writing and analysis is coordinated with development of skills in singing, dictation, and keyboard.

Prerequisite: AK/MUSI 2600 6.0, or equivalent, or permission of Music Coordinator.

AK/MUSI 3610 3.0 Harmony (Studio). Study of the traditional pedagogy of four-part harmony in conjunction with study of music of the eighteenth and early nineteenth centuries. Work in chordal writing and analysis is coordinated with development of skills in singing, dictation, and keyboard.

Prerequisite: AK/MUSI 3600 3.0, or equivalent, or permission of Music Coordinator.

AK/MUSI 4120 6.0 Special Education Through Music. Activities, materials and techniques designed to teach music concepts to children with learning handicaps. Special emphasis is given to the use of musical activities to assist in the remediation of such problems as poor auditory skills, poor motor coordination, speech and language disabilities. Ideas and activities for older children will also be discussed.

Prerequisite: AK/MUSI 3120 6.0 or, for students with equivalent preparation, permission of the Music Coordinator.

AK/MUSI 4130 6.0 Choral Techniques and Repertoire II (Studio). A continuation of AK/MUSI 3130 6.0. More advanced study of choral conducting, rehearsal techniques, and voice production. Understanding of musical style is gained through study of performance, practice of various periods.

Prerequisite: AK/MUSI 3130 6.0 or equivalent or permission of the Music Coordinator.

AK/MUSI 4135 3.0 Listening: Issues in Auditory Cognition. Our perception of sound surpasses the quality of sensory information: it results from mental processing, or "auditory cognition". Topics include: memory for music and speech, auditory illusions, linguistic theory, psychoacoustics, and timbre. Knowledge of music is recommended but not required. Classes involve lectures, demonstrations, and discussions. (Same as AK/PSYC 4135 3.0)

AK/MUSI 4140 3.0 Principles of Kodaly Pedagogy III (Studio). A continuation of AK/MUSI 3140 3.0. The development of the pedagogy of musicianship using the principles of Zoltan Kodaly to a level appropriate to teaching choral music in secondary school.

Prerequisite: AK/MUSI 3140 3.0 or permission of the Music Coordinator.

AK/MUSI 4180 3.0 Principles of Orff Pedagogy III (Studio). The philosophy and practice of Carl Orff's Music for Children will be applied to the junior level of instruction, with lesson planning and in-class practice teaching.

Prerequisite: AK/MUSI 3180 3.0 or permission of the Music Coordinator.

AK/MUSI 4190 6.0 Composition Workshop II (Studio). Individual and class projects in advanced musicianship, theory, analysis, and composition. (Same as FA/MUSI 3110 6.0)

Prerequisite: AK/MUSI 3190 6.0 or permission of the Music Coordinator.

AK/MUSI 4310 3.0 (4310 6.0) Seminar In Musicology. An intensive treatment of selected topics in the history, literature and theory of music. (Same as AK/THEA 4450 3.0/6.0)

Prerequisite: Permission of the Music Coordinator.

Note: Not open to students who have taken AK/MUSI 4310 3.0 or 4310 6.0.

AK/MUSI 4390 3.0 (4390 6.0) Independent Study in Music. Open to advanced students only, this course will give the highly motivated music student an opportunity to pursue intensive study on his/her own under the guidance of a departmental instructor.

Prerequisite: 13 full courses (or equivalent), or equivalent preparation, and permission of the Music Coordinator and Chair of Fine Arts.

Note: Not open to students who have taken AK/MUSI 4390 3.0 or 4390 6.0 in the same subject area.

AK/MUSI 4500 3.0 (4500 6.0) Special Topics. In any given year, a course may be offered in Music on a topic which reflects the special interest or expertise of regular or guest faculty, and which is not included in the usual course offerings. Proposed topics and the prerequisites will be announced in the Spring of each year.

A. Research

Note 1: Entry to the course only by permission of the Music Coordinator. This course may be taken more than once.

Note 2: Not open to students who have taken AK/MUSI 4500 3.0 or 4500 6.0.

AK/MUSI 4600 3.0 Historical Techniques: Tonal Counterpoint (Studio). Traditional forms of tonal counterpoint from the 18th-20th centuries including canon, invention, ground bass, with a focus on fugue. Traditional writing, analytic techniques, chromatic harmony, score reading and dictation using pieces from the repertoire of Common Practice music.

Prerequisite: 78 credits including AK/MUSI 3610 3.0, or equivalent preparation, and permission of the Music Coordinator.

AK/MUSI 4610 3.0 Historical Techniques: Homophonic Forms (Studio). Traditional homophonic forms and genres of tonal counterpoint of Common Practice music from the 18th-20th centuries including theme and variations, minuet and trio, rondo and sonata, chromatic harmony, advanced modulation, score reading, dictation, and critical approaches to analytic techniques.

Prerequisite: 78 credits including AK/MUSI 3610 3.0, or equivalent preparation, and permission of the Music Coordinator.

The attention of students is directed to AK/FA 4500B 6.0 Integrated Arts in Education. Depending on the topic offered, AK/FA 4500B 6.0 may be counted as a Music Studio course. Consult the Department for the current topic.

Theatre

Note: Please consult annual Interdisciplinary Fine Arts course offerings (see under Courses Of Instruction: Fine Arts, Interdisciplinary Fine Arts courses, designated with letter codes: AK/FA) since they may count as Fine Arts courses inside or outside your discipline major. For further information contact the Department of Fine Arts.

AK/THEA 2060 3.0 Voice and Speech I (Studio). An introductory course in voice production and articulation with emphasis on developing expressive speech. Students will study oral interpretation through exercises in Readers Theatre, the performance of non-dramatic material plus the fundamentals of oral presentation. (Same as FA/THEA 2060 3.0)

Note: Not open to students who have completed AK/THEA 2060 6.0.

AK/THEA 2070 3.0 Voice and Speech II (Studio). An intermediate course in voice production and articulation with emphasis on developing expressive speech. Students will study oral interpretation through exercises in Readers Theatre, the performance of non-dramatic material plus the fundamentals of oral presentation.

Prerequisite: AK/THEA 2060 3.0, or, for students with equivalent preparation, permission of the Theatre Coordinator.

Note: Not open to students who have completed AK/THEA 2060 6.0.

AK/THEA 2100 3.0 Introduction to Movement and Mime I (Studio). An introductory course in the techniques of physical expression including basic work in stage movement and mime.

Note: Not open to students who have completed AK/THEA 2100 6.0.

AK/THEA 2110 3.0 Introduction to Movement and Mime II (Studio). An intermediate course in the techniques of physical expression including work in stage movement and mime.

Prerequisite: AK/THEA 2100 3.0, or, for students with equivalent preparation, permission of the Theatre Coordinator.

Note: Not open to students who have completed AK/THEA 2100 6.0.

AK/THEA 2430 6.0 History and Development of the Theatre. Consideration of the major periods of theatrical and dramatic history from the Greeks to the modern day. Particular emphasis will be laid on theatre design, styles of performance, and the social milieu out of which the plays and theatres arose. Readings will include source material and major works of dramatic literature from each period. Required of Theatre majors.

AK/THEA 2440 3.0 (2440 6.0) Principles of Theatre (Studio). This course gives students an introduction to theatre practice, particularly acting, directing, design and technical work, through studio exercises and producing a play. Students with extensive background in theatre should consult the course director before registering.

Note: Not open to students who have taken AK/THEA 2440 3.0 or 2440 6.0.

AK/THEA 2500 3.0 (2500 6.0) Special Topics. In any given year, a course may be offered in Theatre which is intended to develop various topics which are not included in the usual course offerings. Proposed topics and the prerequisites will be announced each year.

A. AK/THEA 2500 6.0 Experiencing the Live Theatre (3.0/6.0)

Note: Not open to students who have taken AK/THEA 2500 3.0, or 2500 6.0.

AK/THEA 3040 3.0 (3040 6.0) Directing (Studio). Theories of directing and practical exercises in the visual, structural and conceptual problems of theatrical presentation.

Prerequisite: AK/THEA 2440 6.0 or, for students with equivalent preparation, permission of the Theatre Coordinator.

Note: Not open to students who have taken AK/THEA 3040 3.0 or 3040 6.0.

AK/THEA 3080 3.0 (3080 6.0) Acting (Studio). A basic studio course in acting covering the development of self awareness, theatre games, the fundamentals of movement and voice, improvisation, character and script analysis and scene work. Required of Theatre majors.

Prerequisite: AK/THEA 2440 6.0 or, for students with equivalent training or experience in acting, permission of the Theatre Coordinator.

Note: Not open to students who have taken AK/THEA 3080 3.0 or 3080 6.0.

AK/THEA 3131 3.0 Technical Theatre (Studio). A studio course with a particular focus on technical practice, showing how to transform a design into theatrical reality. Classes will also explore exercises in text analysis, historical research, conceptualization, sketching model making and drafting. Required of Theatre majors. (Same as FA/THEA 1510 3.0)

Note: Not open to students who have taken AK/THEA 3130 6.0.

Prerequisite: AK/THEA 2440 6.0 or, for students with equivalent technical background, permission of the Theatre Coordinator.

AK/THEA 3132 3.0 About Design (Studio). A studio course exploring the techniques of theatrical design with particular focus on set design learned from exercises in text analysis, historical research, conceptualization, sketching model making and drafting. Required of Theatre majors. (Same as FA/THEA 2143 3.0)

Prerequisite: AK/THEA 2440 6.0 or, for students with equivalent technical background, permission of the Theatre Coordinator.

Note: Not open to students who have taken AK/THEA 3130 6.0.

AK/THEA 3200 6.0 Theatre for Young Audiences (Studio). An introductory studio course in the theory and practice of theatre for young audiences.

Prerequisite: AK/THEA 2440 6.0 or, for students with experience in working with children and young people, permission of the Theatre Coordinator.

AK/THEA 3209 3.0/6.0 Related topics in Theatre. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

A. Creating a Solo Show (3.0) (same as FA/THEA 4420 3.0)

B. Non-European Theatre (6.0) (same as FA/THEA 4220 6.0)

AK/THEA 3430 6.0 Modern Drama. Studies in theatre and drama from the turn of the century to the 1950s. Readings extend from pre-World War I dramatists such as Ibsen, Strindberg, Chekhov, and Shaw, through Brecht and O'Neill to Hellman, Hansberry, Miller, and Beckett. (Same as AK/EN 3510 6.0)

Prerequisite: None.

AK/THEA 3440 6.0 Contemporary Drama. Studies in theatre and drama of recent decades; selected American, British, Canadian and European plays. (Same as AK/EN 3670 6.0)

AK/THEA 3480 3.0 (3480 6.0) Theatre Arts in Canada. A study of contemporary Canadian theatre and its historical roots with a seminar in Canadian dramatic literature.

Prerequisite: None.

Note: Not open to students who have taken AK/THEA 3480 3.0 or 3480 6.0.

AK/THEA 4060 3.0 (4060 6.0) Improvisation and Play Making (Studio). The principles and techniques of making your own play through improvisation and group work (collective creation), including the adaptation of non-dramatic material for the stage. (Same as FA/THEA 4460 3.0 or 4460 6.0)

Prerequisite: AK/THEA 3080 6.0 or, for students with equivalent experience in acting, permission of the Theatre Coordinator.

Note: Not open to students who have taken AK/THEA 4060 3.0 or 4060 6.0.

AK/THEA 4150 3.0 (4150 6.0) Plays in Performance. This course will draw upon students' academic and practical theatre skills in concentrated production experiences with plays of different genres, styles or periods. Students can explore further their own special interests in acting, directing, design or technical work as part of an informal production company. (Same as FA/THEA 4450 3.0 or 4450 6.0)

Prerequisite: At least 12 theatre credits (or equivalent) or permission of the Theatre Coordinator.

Note: Not open to students who have taken AK/THEA 4150 3.0 or 4150 6.0.

AK/THEA 4260 3.0 (4260 6.0) Independent Study in Theatre. Open to advanced students only, the course will give the highly motivated theatre student an opportunity to pursue intensive study on his or her own under the guidance of a department instructor.

Prerequisite: 78 credits, permission of the Theatre Coordinator and permission of the Chair of Fine Arts.

AK/THEA 4450 3.0 (4450 6.0) Musical Theatre. An examination of the history and theory of the musical theatre, particularly of American musical comedy, through a combination of lectures and practical studio classes. (Same as AK/MUSI 4310 3.0/6.0)

Prerequisite: Permission of the Theatre Coordinator.

Note: Not open to students who have taken AK/THEA 4450 3.0 or 4450 6.0.

AK/THEA 4500 3.0 (4500 6.0) Special Topics. In any given year, a course may be offered in Theatre on a topic which reflects the special interest or expertise of regular or guest faculty, and which is not included in the usual course offerings. Proposed topics and the prerequisites will be announced in the Spring of each year.

A. Drama and Education (6.0) (Same as FA/THEA 4440 6.0)

Note: Not open to students who have taken AK/THEA 4500 3.0, or 4500 6.0.

AK/THEA 4530 6.0 Design in the Theatre. An advanced course in the theory and practice of theatrical scene and costume design through lectures, demonstrations and practical exercises in sketching and model making.

Prerequisite: Permission of the Theatre Coordinator obtained by completing a Theatre Course Permission Form from the Department of Fine Arts, 6th floor, Atkinson College. A background in theatre, especially technical theatre (i.e. AK/THEA 3130 6.0) or in the studio areas of the visual arts would be useful.

Note: Not open to students who have completed AK/THEA 3530 6.0.

The attention of students is directed to AK/FA 4500B 6.0 Integrated Arts in Education. Depending on the topic offered, AK/FA 4500B 6.0 may be counted as a Theatre Studio course. Consult the Department for the current topic.

Visual Arts

Note: Please consult annual Interdisciplinary Fine Arts course offerings (see under Courses Of Instruction: Fine Arts, Interdisciplinary Fine Arts courses, designated with letter codes: AK/FA) since they may count as Fine Arts courses inside or outside your discipline major. For further information contact the Department of Fine Arts.

AK/VISA 2000 6.0 Matrix Studio I. A beginning studio course designed to acquaint the student with the basic elements of the visual arts - i.e. line, shape, colour, texture, space, etc. - and the exploration of these principles through a variety of media. Personal development will be encouraged and emphasized. Required of all Visual Arts majors.

AK/VISA 2360 6.0 Photography (Studio). A course designed to give a broad general background in the use of photographic equipment and techniques, and in the aesthetic, social, documentary and historic purposes of photography. Students must have their own 35mm camera and light meter.

AK/VISA 2410 6.0 An Introduction to Art History. Fundamental themes in the history of the visual arts are explored to introduce basic problems in style, theory, and cultural expression. Topics such as the landscape, the figure, architectural space and form, religious images, and symbols, and other major aspects of art are examined. This course acquaints students with basic terminology in art history and permits them to approach art in the larger context of history. Required of all Visual Arts majors.

AK/VISA 3000 6.0 Matrix Studio II. An intermediate studio course in which the basic elements of art are employed in the process of art-making as manifested in drawing, painting, and sculpture. Emphasis will be placed on the process of artistic conceptualization and realization within a thematic framework.

Prerequisite: AK/VISA 2000 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3110 6.0 Historical Techniques and Materials of the Artist (Studio or Art History). This course concentrates on an intensive study of the media and the methods employed by artists throughout history. There will be units on drawing and prints, painting and sculpture. Each will be examined in a series of lectures, studio experimentation, demonstrations, and gallery visits. (Same as FA/VISA 3110 6.0)

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3200 6.0 History of Stained Glass. The history of stained and painted glass from the late eleventh century to the present. Religious and secular windows and panels from Europe and North American are discussed from the vantage points of social context, iconography, craft and design.

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Art Coordinator.

AK/VISA 3300 6.0 History and Theory of Architecture. This course will investigate the history of the built environment and the theories that govern it. The history of architecture will be organized on a thematic framework within which the material will be arranged chronologically.

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3360 6.0 Photography (Studio). Advanced photography dealing with the fine print. (Same as FA/VISA 3060 6.0)

Prerequisite: AK/VISA 2360 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3370 6.0 Art and Architecture of the Ancient Near East. A course which studies the art and architecture of the pre-Greek civilizations. Major monuments from Egypt, Mesopotamia, Crete, Mycenae and Persia are investigated from the viewpoint of style, meaning and historical context. Relationships among the cultures are studied through their art works, literature and myths.

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3380 6.0 Greek and Roman Art and Architecture. A course which surveys the origins and development of the major artistic media in Greece, Etruria, and Rome, from Homeric times to the reign of Constantine (ca. 800 B.C. to 330 A.D.). Art works are set in their philosophic and literary context and their social and economic backgrounds are considered. (Same as FA/VISA 2520 3.0 and FA/VISA 2530 3.0)

Prerequisite: AK/HUMA 1710 6.0 or AK/VISA 2410 6.0, or permission of the Visual Arts Coordinator.

AK/VISA 3400 6.0 Art and Architecture of the Medieval World. A systematic introduction to medieval art from the rise of Christianity to ca. 1400. The course will investigate the development of art and iconography throughout the Christian world, as reflected in architecture, sculpture, painting, manuscripts and the minor arts. (Same as FA/VISA 2540 3.0)

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3420 6.0 Renaissance to Rococo. An examination of the arts in southern and northern Europe from ca. 1400 to ca. 1750, with emphasis on the relationships and interchanges between the emerging national ideals in art. (Same as FA/VISA 2560 6.0)

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3430 6.0 Nineteenth and Twentieth Century European Art. A comprehensive survey of major artists and movements in Europe from the late eighteenth century to ca. 1945. (Same as FA/VISA 2620 6.0)

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3450 6.0 Canadian and American Art. A lecture course which presents an historical study of North American art and architecture. Its relationship with European art and its originality will both be considered. (Same as FA/VISA 3720 6.0)

Prerequisite: AK/VISA 2410 6.0 or permission of the Visual Arts Coordinator.

AK/VISA 3500 3.0 (3500 6.0) Special Topics. In any given year, a lecture course may be offered in Art History or Theory on a topic which is not included in the usual course offerings. Proposed topics and the specific prerequisites will be announced each year.

- A. Visions and Issues in Canadian Art (3.0)
- B. The Insular Tradition (3.0)
- C. Art of the Inuit (3.0/6.0)
- D. Native Art in Canada (3.0/6.0)

Prerequisite: As indicated or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 3500 3.0 or 3500 6.0 in the same subject area.

AK/VISA 3501 3.0 (3501 6.0) Selected Topics in Studio. A course intended to develop various forms of skills on a rotational basis ranging from drawing, painting, graphics, installations, or any juxtaposition of these.

- A. Drawing (3.0/6.0)
- B. Painting (3.0/6.0)
- C. Sculpture (3.0/6.0)

Prerequisite: AK/VISA 2000 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 3501 3.0 or 3501 6.0 in the same subject area.

AK/VISA 3550 3.0 (3550 6.0) Asian Art. An introduction to the various cultures and artistic achievements of India, China and Japan. Primary emphasis will be on painting, sculpture and architecture, with related material in the cultural and intellectual histories of the areas treated.

Prerequisite: None.

Note: Not open to students who have taken AK/VISA 3550 3.0 or 3550 6.0 in the same subject area.

AK/VISA 4090 3.0 (4090 6.0) Independent Studies in Art. A study programme for highly motivated students in art. This course will give an individual an opportunity to pursue a specific and intensive study under the guidance of a member of the department.

Prerequisite: 78 credits, permission of the Visual Arts Coordinator and permission of the Chair of Fine Arts.

Note: Not open to students who have taken AK/VISA 4090 3.0 or 4090 6.0 in the same subject area.

AK/VISA 4209 3.0 (4209 6.0) Related Topics. These are courses which normally reside outside of the Atkinson Visual Arts Programme. Topics vary from year to year.

- A. Romantic Art (3.0) (Same as FA/VISA 3620B 3.0)

AK/VISA 4400 3.0 (4400 6.0) Studies in Ancient Art and Architecture. A lecture and seminar course dealing with selected aspects or periods in the history of Egyptian, Mesopotamian, Greek, Etruscan, and Roman art and architecture.

- A. Art, Life and Death along the Ancient Nile

Prerequisite: AK/VISA 3370 6.0 or AK/VISA 3380 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 4400 3.0 or 4400 6.0 in the same subject area.

AK/VISA 4410 3.0 (4410 6.0) Studies in Mediaeval Art and Architecture. A lecture and seminar course dealing with selected major aspects of the art of mediaeval Europe from the rise of Christianity to ca. 1300.

- A. Art of the British Isles 400-1066 (3.0)
- B. Art of the Norman World (3.0)
- C. Manuscript Illumination

Prerequisite: AK/VISA 3400 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 4410 3.0 or 4410 6.0 in the same subject area.

AK/VISA 4420 3.0 (4420 6.0) Studies in Renaissance and Baroque Art. A lecture and seminar course dealing with selected major aspects or periods in the art of Europe from the Renaissance, Mannerist, and Baroque periods, from ca. 1300 to ca. 1750.

- A. Northern Renaissance Painting

Prerequisite: AK/VISA 3420 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 4420 3.0 or 4420 6.0 in the same subject area.

AK/VISA 4430 3.0 (4430 6.0) Studies in Nineteenth Century Art. A lecture and seminar course dealing with major directions in art during the nineteenth century. Relationships between the art of this period and developments in intellectual history, politics, and economics will also be studied.

- A. Arts and Crafts Movements (3.0)

Prerequisite: AK/VISA 3430 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 4430 3.0 or 4430 6.0 in the same subject area.

AK/VISA 4440 3.0 (4440 6.0) Studies in Twentieth Century Art and Architecture. A lecture and seminar course dealing with the major directions in art since 1900, both in Europe and North America, with reference to economic and political developments, as well as artistic manifestos.

- A. Feminism and Contemporary Art Production (3.0)
- B. Socialist Realism in Central European Painting (3.0)
- C. The Rise and Fall of Modernism (3.0)
- D. From Cubism to Surrealism in Sculpture (3.0)
- E. The Surrealist Movement (3.0)
- G. Avant-Garde Art in Russia and Eastern Europe (3.0)

Prerequisite: AK/VISA 3430 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 4440 3.0 or 4440 6.0 in the same subject area.

AK/VISA 4450 3.0 (4450 6.0) Studies in Canadian Art. A lecture and seminar course with emphasis on selected topics from art and architecture in Canada, either historical or contemporary. The topics will be discussed with reference to contributing cultures from North America and Europe, and will vary from year to year.

- A. Stained Glass in Canada (3.0)
- B. Ecclesiastical Architecture: c.1760 - early 20 c. (3.0)
- C. Ecclesiastical Architecture: 20th Century (3.0)
- D. Art in Canadian Society 1860-1914 (3.0)

Prerequisite: AK/VISA 3450 6.0 or permission of the Visual Arts Coordinator.

Note: Not open to students who have taken AK/VISA 4450 3.0 or 4450 6.0 in the same subject area.

AK/VISA 4500 3.0 (4500 6.0) Special Topics. In any given year, a course may be offered in Art History or Theory on a topic which reflects the special interest or expertise of regular or guest faculty, and which is not included in the usual course offerings. Proposed topics and the prerequisites will be announced each year.

- A. Art of Art Criticism (3.0)
- B. Symbolist Art (3.0)
- C. Aspects of Religious Art (3.0)
- D. Purposes of Art (3.0)
- E. Medievalism in Art (3.0)
- G. The Classical Tradition (3.0)
- H. 19th Century Realism (3.0)
- J. Studies in Stained Glass (3.0)
- K. Reassessing Art Nouveau (3.0)

- L. The Bauhaus Ideal (3.0)
- M. Postmodernism: Struggling with a Definition (3.0)
- P. The House (6.0)
- Q. Photography and Women
- R. Art and Politics (3.0)

Prerequisite: Permission of the Course Director.

Note: Not open to students who have taken AK/VISA 4500 3.0, or 4500 6.0 in the same subject area.

GEOGRAPHY

AK/GEOG 2500 6.0 Introduction to Human Geography. This course is an analytical introduction to Geography. Attention is focused on the impact of human decisions and activities on geographical relationships. The development and present significance of major geographical themes are traced, including population, resources, the environment and occupation.

AK/GEOG 2510 6.0 Introduction to Physical Geography. Basic concepts in geomorphology, soils, biogeography, meteorology and climatology are discussed. The application of general systems theory to physical problems is considered. Laboratory work and field study are integral parts of the course.

AK/GEOG 2550 6.0 Conservation and Environmental Education. From a search for principles of conservation this course proceeds to evaluate conservation practices in the modern world, particularly in Ontario. It also investigates in detail the role of the outdoors as a "laboratory" providing an introduction to field techniques of various kinds. There may be a field centre fee in addition to the course fee (for further information see special flyer, or call (416) 736-5201).

AK/GEOG 3100 3.0 (3100 6.0) Special Topics. Topics vary from session to session. Proposed courses under this rubric will be announced by the Department before each academic session. Consult individual course outlines.

- A. Marketing Geography (3.0)

AK/GEOG 3300 3.0 Fluvial Geomorphology. This course is concerned with erosion, transportation and deposition by running water, resulting features of the landscape, and relevant theories, controversies, problems, and directions. Firsthand experiences in observing the nature and work of rivers in the local region will be a central part of the course.

Prerequisite: AK/GEOG 2510 6.0, or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3310 3.0 (3310 6.0) Glacial and Periglacial Geomorphology. A systematic study of glacial and periglacial landscapes, climatic change, and methods used in the study of Quaternary landforms. Special emphasis is given to the Quaternary landscape of Ontario.

Prerequisite: AK/GEOG 2510 6.0 or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3320 6.0 Mountain Geomorphology. Field investigations of selected areas in the Rocky Mountains, Europe, South America or East Africa are conducted during the summer. Topics include an introduction to Quaternary geomorphology, field techniques and methods useful in landform interpretation and reconstruction of Quaternary mountain environments.

Prerequisite: AK/GEOG 2510 6.0 and permission of the Chair of Geography.

AK/GEOG 3350 3.0 Climatology. An analysis of atmospheric energy exchanges, the heat budget of the earth, temperature, pressure, wind and humidity as controls in physical climatology. Koepfen, Thornthwaite, Penman and other systems are applied in climatic analysis.

Prerequisite: AK/GEOG 2510 6.0, or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3360 3.0 (3360 6.0) Morphogenesis of Soils. A study of the influence of climate, vegetation, parent material, topography and time on the development, classification and chemistry of soils.

Prerequisite: AK/GEOG 2510 6.0 or, for students with equivalent preparation, permission of the Chair of Geography.

Note: When offered as a full course, additional attention will be given to Quaternary soils.

AK/GEOG 3370 3.0 (3370 6.0) Methods of Sediment and Soil Analysis. An examination of methods of field and laboratory analyses of soils and sediments including soil sampling, soil mapping, mechanical analyses and data interpretation. Special emphasis is placed on soil and sediment research and field problems in Ontario.

Prerequisite: AK/GEOG 2510 6.0 or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3400 6.0 The Geographical Study of Populations. The factors and characteristics of the distribution of populations on the earth, such as birth, fertility, and death rates; religion; culture; and the prospects for future Canadian and world population patterns are examined. An emphasis is placed on migration, including the prehistoric populating of the earth, animal populations, the present rural-urban migration, and post-war immigration to Toronto.

AK/GEOG 3410 6.0 Cultural Geography. The course is an examination of the spatial spread and development of cultures, and the opposite and contemporary trend of convergence. The origins, diffusion and ensuing alterations in language, religion and the domestication of plants and animals by different peoples will be studied.

AK/GEOG 3420 6.0 The Geography of Resource Utilization. An examination of the factors affecting the spatial patterns of the exploitation and utilization of resources (for example, minerals, energy, people). The location of processing and marketing facilities and the integrative role of transportation networks are considered.

AK/GEOG 3430 6.0 Urban Geography. The pervasive impact of urbanization on human activities and their spatial expression will be the main theme of this course. There will be detailed study of the different types of urban places, considering both urban form and function. Also considered will be the relationships between urban, suburban, and rural localities. Field studies, especially of urban land use, may be part of the course.

AK/GEOG 3440 6.0 Rural Environmental Studies. This course will investigate problems of rural land classification and planning, the land use conflicts between forestry, agricultural, mining and recreational interests. It incorporates a contemporary survey of the impact of human population and technologies on natural resources and space.

AK/GEOG 3450 6.0 Political Geography. Geographical elements in contemporary national and international affairs are the major subject matter of this course. Attention is focused on the roles of location, physical environments, population distributions, ethnic groups, natural resources, space and boundary features, and technological change in the evolution of states and dependent territories.

AK/GEOG 3460 6.0 Medical Geography. This course examines world and regional patterns of disease and malnutrition. It considers the spatial association of environment and the way of life of its inhabitants in creating health problems.

AK/GEOG 3470 3.0 Geography of Nutrition. This course examines world and regional patterns of food consumption and their influence on health. It focuses on the concept that malnutrition is due to nutritional excesses as well as deficiencies. The roles of culture and environment as they influence nutrition, in a medical geographic context, are considered.

AK/GEOG 3480 3.0 Geography of Health Care Systems. This course examines the health care organization at provincial, national and international levels. It focuses on the locational interaction between health personnel, patient behaviour patterns, and distribution of facilities.

AK/GEOG 3490 6.0 Making Canada: Two Centuries of Landscape and Social Changes. This course investigates transformation of the territory from a condition of Nature- to Human-dominance, including attitudes to environment, clearing land, spread of farming, regimentation of the landscape, and the organization of societal responses to occupying a new land. Emphasis is on the 19th and early 20th centuries.

Note: Not open to students who have taken AK/CDNS 3490 6.0.

AK/GEOG 3500 3.0 (3500 6.0) Research Procedures. The course examines research procedures commonly found in geographical literature in terms of their overall goals. General problems besetting geographical research will serve as a framework for the examination of particular modes of explanation.

Prerequisite: AK/GEOG 2500 6.0 and AK/GEOG 2510 6.0 or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3510 6.0 Conservation and Urbanization. This course clarifies the kinds of dilemmas that arise from growing and spreading urban populations demanding open space, air, water, wilderness. The focus is on how to interpret and assess such demands, and how to plan a true conservator approach to the natural environment.

AK/GEOG 3520 3.0 Quantitative Techniques and Applications in Geography. This course is an introduction to fundamental descriptive and inferential statistics, and their use in geography.

AK/GEOG 3530 6.0 Geography of Tourism and Recreation. This course considers the social and environmental impact of recreational activities and tourism at local, national and international levels. It includes aspects of tourism in developing and more advanced countries. Recreation for urban populations in the Canadian context is emphasized.

AK/GEOG 3540 6.0 Geographical Interpretations of Canada. This course will explore the geographical complex of Canada through an examination of such themes as the physical base, resource base, resource use, population distribution and regional disparities. Field study and practical exercises will usually be part of the course.

AK/GEOG 3550 3.0 (3550 6.0) Case Study in Regional Analysis. This course provides in-depth studies of a region or regions.

- A. Physiography of Ontario
- B. Geography of the Middle East
- C. Physiography of the Nahanni Park Area
- D. Peopling of Ontario
- E. Themes in Latin American Geography
- G. Northwestern British Columbia and Alaska Panhandle
- H. Yukon
- J. Eastern Arctic
- K. MacKenzie Transect
- L. Africa: A Geographical Analysis (6.0)
- M. The New Baltic Region (6.0)
- N. California: Land and Life (3.0)

AK/GEOG 3560 3.0 Aerial Photography Interpretation. Basic instruction in the use and interpretation of aerial photographs. Identification and interpretation of both physical and cultural landscape features. Introduction to Remote Sensing and Photogrammetry.

Prerequisite: AK/GEOG 2510 6.0, or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3570 3.0 Cartography. Topics considered include cartographic drawing and measuring techniques, the principles of map making, map design and layout, reproduction techniques, relief representation, the nature and use of map projections, and graphs and statistical mapping. Emphasis is upon the use of the map as an analytical tool.

Prerequisite: AK/GEOG 2500 6.0 and AK/GEOG 2510 6.0 or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 3580 6.0 Remote Sensing. This course will examine the various methods of remote sensing and the geographical applications of aerial and satellite imagery now available. Both conventional photography and non-photographic sensing will be considered. The course will include an applied project using either standard aerial photos or other local imagery as available together with field observations and research.

Prerequisite: AK/GEOG 2510 6.0 and AK/GEOG 3560 3.0 or, for students with equivalent preparation, permission of the Chair of Geography.

Note: Not open to students who have taken AK/GEOG 3580 3.0.

AK/GEOG 3590 6.0 Conservation in Canada. The emergence of conservation concern is the focus of this course. Attitudes toward nature are traced through changing geographical knowledge, our role as steward of our habitat, prophets and prophetic actions, uncontrolled and controlled uses of the environment, from the 18th century to the dawning of the Spaceship Earth concept.

AK/GEOG 3600 3.0 Computer Cartography. Introductory course in Geographic Information Systems (GIS), oriented around raster structures. Computer graphics for mapping introduced and work undertaken on finely divided surfaces. GIS considers both practical and theoretical questions of interpretation. Macintosh computers and raster-based software used for hands-on focus.

Prerequisite: AK/GEOG 2500 6.0 and AK/GEOG 2510 6.0 or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 4100 6.0 Seminar in the Theory of Geography. This course will deal chiefly with current theories in Geography. The main intention of the course will be to enrich the students' knowledge of the gamut of geographical themes so that they might profitably engage in further Honours studies.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 4110 6.0 Seminar in Quaternary Environments. This course is a study of the geographic, geologic and pedologic methods used to identify, date and correlate Quaternary deposits, and reconstruct Quaternary environments. Considerable emphasis is placed upon Northern and Cordilleran portions of North America.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 4120 6.0 Seminar in Transportation Geography. A notable component in spatial studies is the circulation of people and commodities. This course analyzes the structures and many inter-relationships involved in transportation systems.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

Note: Not open to students who have taken AK/URST 4120 6.0.

AK/GEOG 4130 6.0 Planned Communities. This course will study different forms of planned communities such as new towns, planned suburbs, expanded towns and sub-divisions. The relationships of social, ecological and economic factors will be considered.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

Note: Not open to students who have taken AK/URST 4130 6.0.

AK/GEOG 4140 6.0 Seminar in Rural Land Use. This course is an examination of systems of classification and decision-making factors in various types of rural land utilization. Emphasis is placed on gathering, assembling and plotting of data, development and analysis of patterns, and applications to land-use planning.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

Note: Not open to students who have taken AK/URST 4140 6.0.

AK/GEOG 4150 3.0 (4150 6.0) Directed Reading. Students will select one or two specific areas in which to do extensive reading and writing.

Prerequisite: 78 credits, and permission of the Chair of Geography.

Note: Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for such a course must be submitted with a note from the supervisor stating his or her willingness to perform this task. Permission of the Department Chair is also required.

AK/GEOG 4180 6.0 Advanced Urban Geography. This course will examine some current frontiers of research in urban geography. Settlement distribution models, spatial interaction, urban land-use theory, urban images and decision-making concerning spatial behaviour are some examples of possible subjects of study.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

Note: Not open to students who have taken AK/URST 4180 6.0.

AK/GEOG 4190 6.0 Seminar in Historical Geography. A number of geographical concepts and techniques of analysis are applied to historical evidence by means of seminar discussions and student research.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 4200 6.0 Quantitative and Mechanical Techniques in Geographical Research. This course is concerned with advanced quantitative techniques. Both the structure of the techniques and their application to empirical geographic problems will be discussed, through the examination of relevant literature.

Prerequisite: 78 credits or, permission of the Chair of Geography.

AK/GEOG 4210 6.0 Seminar in Medical Geography. This is an advanced course for students who have already taken health-related courses. It focuses on research and literature reviews of disease occurrence and distribution, malnutrition, and health care systems.

Prerequisite: 78 credits including one of: AK/GEOG 3460 6.0, AK/GEOG 3470 3.0, AK/GEOG 3480 3.0, AK/NATS 1840 6.0 or AK/ADMS 4700 6.0 series courses or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 4220 3.0 Geographic Information Systems. Advanced course in Geographic Information Systems (GIS), oriented around vector objects and attributes in data base files. GIS considers both practical and theoretical questions of interpretation. Macintosh computers and vector-based software used with large data bases. A hands-on course.

Prerequisite: AK/GEOG 3600 3.0 or, for students with equivalent preparation, permission of the Chair of Geography.

AK/GEOG 4500 6.0 Research Paper. The Research Paper, which is normally the last geography course of an honours candidate, is a piece of work carried out under the supervision of a faculty advisor.

Prerequisite: 102 credits and permission of the Chair of Geography.

Note: Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for such a course must be submitted with a note from the supervisor stating his or her willingness to perform this task.

AK/GEOG 4730 6.0 Practicum in Environmental Studies. This course provides an opportunity for a student to apply environmental studies concepts in a practical context. Each student will be under the supervision of a faculty member and report on the experience drawn from the practicum. (Same as AK/STS 4730 6.0)

Prerequisite: 78 credits, a B average in the major courses and permission of the Chair of either Science and Technology Studies or Geography. Open only to students pursuing an honours degree in Conservation and Environmental Studies or a B.Sc. option in Environmental Science.

Note 1: The prospective student is responsible for the organization of the practicum. Regular contact with a faculty supervisor and submission of a report at the end of the course are required. The practicum may take place within a government agency, educational institution, a private firm or a voluntary organization. Students should discuss their ideas with a faculty member before applying formally.

Note 2: Entry to the course is by application only. Each student must ensure the support of a member of faculty before applying. Application should be made to either the Chair of Science and Technology Studies or Geography. Application forms are available in the respective departmental offices.

GREEK

A degree programme including Greek courses is available under Classical Studies.

AK/GK 1400 6.0 Introductory Classical Greek. A course for students with little or no previous training in Classical Greek. The course will cover the rudiments of Greek grammar and provide practice in the translation into English of sentences and short passages from Greek authors. This course provides a firm basis for both Classical and Biblical Greek Studies.

Note: Not open to students who have taken AS/GK 1000 6.0.

AK/GK 1410 6.0 Introductory Modern Greek. This course teaches the fundamentals of modern Greek: the writing system, pronunciation, basic forms and syntax, with some practice in simple conversation, reading and writing.

Note 1: Not open to students who obtained their high school "apolytirion" (Grade 12) from a Greek high school.

Note 2: Students with no background in Greek should consult the Coordinator of Classical Studies.

AK/GK 2410 6.0 Intermediate Classical Greek. A course for students with some previous training in Classical Greek. The course will provide an intensive review of Greek grammar and practice in the translation of prose texts from the Classical Period.

Prerequisite: AK/GK 1400 6.0 or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

Note: Not open to students who have taken AS/GK 2000 6.0.

AK/GK 2420 6.0 Biblical Greek. A course for students with some previous training in Classical Greek. The course will provide an intensive review of Greek grammar and practice in the reading of Biblical texts.

Prerequisite: AK/GK 1400 6.0 or AK/GK 1410 6.0 or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/GK 2430 6.0 Intermediate Modern Greek. This course is designed to improve the student's oral and written command of the modern Greek language. Short texts relevant to modern Greek culture will be read and analyzed for their content and style.

Prerequisite: AK/GK 1410 6.0 or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/GK 3420 3.0 (3420 6.0) Special Topics in Classical Greek Literature. In a given year an additional course on a particular author or authors may be offered to meet needs of students.

Prerequisite: A 2000 level course in Classical Greek or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/GK 3430 3.0 (3430 6.0) Special Topics in Modern Greek Literature. Topics in modern Greek Literature and culture.

Prerequisite: AK/GK 2430 6.0 or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/GK 3440 6.0 Modern Greek Literature and Culture before Independence. A survey of the major trends in Greek literature and culture from the 11th to the early 19th century.

Prerequisite: AK/GK 1400 6.0; AK/GK 2430. 06; or permission of the Coordinator of Classical Studies. Fluency in Greek is essential.

AK/GK 3450 6.0 Modern Greek Literature and Culture after Independence. A general survey of the development of Greek literature and culture from the early 19th century to the present.

Prerequisite: AK/GK 1410 6.0; AK/GK 2430. 06 or permission of the Coordinator of Classical Studies. Fluency in Greek is essential.

AK/GK 3500 6.0 Comparative Studies in Ancient and Modern Greek Literature. This course explores the relationships between, Ancient and Modern Greek literature from literary, artistic, religious, and cultural perspectives.

Prerequisite: AK/GK 1400 6.0 (or equivalent preparation); AK/GK 2430 6.0 (or equivalent preparation).

Note: All works will be read in the original. A brief review of Ancient Greek grammar is included.

AK/GK 4000 3.0 (4000 6.0) Reading in Greek Authors. An independent reading course with material chosen according to the interest of the student.

Prerequisite: Permission of the Programme Coordinator.

Note: Students must be accepted by a faculty supervisor before they can register in a 4000 level reading course. The course transaction form for such a course must be submitted with a note from the supervisor stating his/her willingness to perform this task.

AK/GK 4010 6.0 Greek Theatre in the Twentieth Century. An examination of the twentieth-century Greek theatre from two perspectives: its roots in ancient and Byzantine Greek theatre; its relation to international theatrical trends and ideological movements of the modern period.

Prerequisite: Permission of the Coordinator of Classical Studies.

AK/GK 4020 6.0 The Greek Language. An introduction to the history of the Greek language from its origins in Indo-European to the present day.

Prerequisite: Permission of the Coordinator of Classical Studies.

HISTORY

AK/HIST 2100 3.0 (2100 6.0) Special Topics. In any given session the Department may offer one or more of the following courses under this rubric. Such courses reflect the desire of the Department to offer new courses on themes and topics that are of interest to faculty and students.

AK/HIST 2210 6.0 History of Canada. The history of Canada from the peopling of the new world to the present. Students will be introduced to major themes in, and approaches to, Canadian history.

Note: Not open to students who have taken AK/HIST 2420 6.0, AK/CDNS 2420 6.0 or AK/CDNS 3100G 6.0.

AK/HIST 2220 6.0 History of Women in Canada. This course surveys the history of women in Canada from the beginning of European settlement to the present day. The course examines women's social, political, legal and economic issues and pays particular attention to Canada's cultural and regional diversity. (Formerly AK/HIST 3000D 6.0)

AK/HIST 2310 6.0 History of the United States. A study of major developments in American history from earliest times to the present, with a balanced emphasis on economic, political, social and cultural factors. (Formerly AK/HIST 2470 6.0)

AK/HIST 2510 6.0 The Medieval World. An examination of the significant developments in the history of Europe from the late Roman Empire to the Reformation. (Formerly AK/HIST 2480 6.0)

AK/HIST 2520 6.0 The History of Modern Europe. A survey of modern European society and culture from the Thirty Years War to the late twentieth century. (Formerly AK/HIST 2400 6.0)

AK/HIST 3100 6.0 Special Topics. In any given session, the department uses this rubric to offer interested students greater curricular variety through topical and special-interest courses.

- A. The Making of the Modern Caribbean (formerly AK/HIST 3000A 6.0)
- C. New France in the French Empire (Before 1763) (formerly AK/HIST 3000C 6.0)
- G. The Emergence of Modern Italy (formerly AK/HIST 3330Q 6.0)
- K. History of the Smaller European States in the Modern Era (formerly AK/HIST 3000K 6.0)
- M. The History of Toronto (formerly AK/HIST 3000M 6.0) (same as AK/URST 3490 6.0)
- N. Health and Canadian Society-Historical Perspectives (formerly AK/HIST 3000N 6.0)
- Q. Themes in African History (formerly AK/HIST 3000P 6.0)
- R. African-Canadian History (formerly AK/HIST 3000R 6.0) (same as AK/CDNS 3110B 6.0)

For Summer Session 1999:

AK/HIST 3100N 6.0 Health and Canadian Society-Historical Perspectives. An historical exploration of issues in the evolving relationship between attitudes toward health and health care on the one hand and the larger context of Canadian culture and society on the other.

Prerequisite: A 1000 level Social Science course.

Note: Not open to students who have completed AK/HIST 3000N 6.0 or AK/CDNS 3030 6.0.

For Fall/Winter Session 1999-2000:

AK/HIST 3100G 6.0 The Emergence of Modern Italy. The evolution of Italy from the late eighteenth century to the present. The political events that transformed Italy from a "geographic expression" to a modern, unified state are discussed, as are corresponding social and economic developments.

AK/HIST 3109 6.0 Related Topics. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

- A. Europe in the 17th and 18th Centuries: Absolutism to Revolution (same as GL/HIST 3280E 6.0)
- B. Asian Crossroads: Southeast Asia Since the 17th Century (same as AS/HIST 3780 6.0)

AK/HIST 3120 6.0 Historical Theory and Method. The study of the nature of historical explanation employing case studies from historians and philosophers. (Formerly AK/HIST 3320 6.0) (Same as AK/PHIL 3580 6.0)

The Americas

AK/HIST 3200 6.0 Social History of Women and The Family in Canada. An exploration of the historical roles of women and the family in Canadian society. (Formerly AK/HIST 3380 6.0)

Note: Not open to students who have taken AK/CDNS 3380 6.0.

AK/HIST 3210 6.0 Italian-Canadian History. An examination of Canada's fourth largest ethno-cultural group, from the early colonial period to the present, with emphasis on the changing nature of immigration and the evolution of the Italian community since the late nineteenth century. (Formerly AK/HIST 3470 6.0)

Note: Not open to students who have taken AK/CDNS 3060 6.0.

AK/HIST 3220 6.0 History of Ontario. The social, economic and cultural development of Ontario from the seventeenth century to the present. Themes include native culture, social and political institutions, regional relations, and cultural identities. (Formerly AK/HIST 3530 6.0) (Same as GL/HIST 3210 6.0)

AK/HIST 3230 6.0 Quebec: Identity and Social Change. An exploration of Quebec's social and cultural evolution. Attention will be given to the emergence of a distinct identity and nationalist thought.

AK/HIST 3240 6.0 The Immigrant Experience in Canada. This course examines government policy, public attitudes, and the immigrant's life in Canada before and after World War II, as well as the refugee question and multiculturalism. (Formerly AK/HIST 3710 6.0)

Note: Not open to students who have taken AK/CDNS 3050 6.0.

AK/HIST 3250 6.0 Canadian Working People. A social and cultural study of Canada's working people from pre-industrial times to the present. This course deals with working class both at work and home, and examines how people responded to the challenges of technological change.

AK/HIST 3260 6.0 Canada and the United States. A study of selected aspects of the interrelationships between Canadian and American society, politics, and culture. (Formerly AK/HIST 3590 6.0)

AK/HIST 3270 6.0 Early America. An analysis of the development of American world views in the context of technological, economic, social and cultural change. (Formerly AK/HIST 3550 6.0)

AK/HIST 3280 6.0 Modern America. An analysis of changing patterns in American world views from the Civil War to the present in the context of the interaction of technological, economic, social and cultural change. (Formerly AK/HIST 3560 6.0)

AK/HIST 3290 6.0 American Military Policy Since World War II. An analysis of American military policy in an historical period of fundamental change in the theory and practice of warfare. The theory and institutionalization of such military strategies as nuclear deterrence, massive nuclear retaliation, limited nuclear war, limited conventional war, counter-insurgency and covert war will be analyzed in their technological, political, economic, cultural and historical contexts. (Formerly AK/HIST 3510 6.0)

Europe

AK/HIST 3740 6.0 The Classical World. A study of cultural, political and intellectual developments, as revealed by archaeological and artistic evidence and contemporary authors, with particular attention to Greece in the late bronze age, fifth century Athens, and late republican and early imperial Rome. (Formerly AK/HIST 3600 6.0)

AK/HIST 3750 6.0 Western Europe in the Middle Ages. A discussion of the development of French/English/Scottish and Spanish/Portuguese societies in the period between the ninth and fifteenth centuries. (Formerly AK/HIST 3370 6.0)

AK/HIST 3760 6.0 The Holy Roman Empire. A discussion of Germany, Italy and Eastern Europe in the period between the fifth and the fifteenth centuries. (Formerly AK/HIST 3670 6.0)

AK/HIST 3770 6.0 Byzantium and Islam. A discussion of the institutional and cultural ideas of the Byzantine Empire and the Islamic World. (Formerly AK/HIST 3490 6.0)

AK/HIST 3780 6.0 Renaissance and Reformation. How did inadequate education, greed, power struggles and rapid change produce Renaissance high culture? Was it a return to classical education, culture and institutions? A religious renewal? Or new social, political and economic patterns shaping the modern world? (Same as AK/HUMA 3460 6.0)

Note: Not open to students who have taken AK/HUMA 3660 6.0 or AK/HIST 3410 6.0.

AK/HIST 3800 6.0 Women in Early European History. This course examines the position of women in the political, social, economic, religious and intellectual environment of Europe from the first to the seventeenth century.

Note: Not open to students who have taken AK/HIST 3330M 6.0 or AK/HIST 3360 6.0.

AK/HIST 3810 6.0 The Scientific Revolution, 1500-1800. The origins of modern science and its cultural and intellectual milieu. (Same as AK/STS 3760 6.0)

Note: Not open to students who have taken AK/STS 3650 6.0 or AK/HIST 3650 6.0.

AK/HIST 3820 6.0 Early Modern Britain. An examination of changes in English society, economy and government following the Renaissance and Reformation. (Formerly AK/HIST 3460 6.0) (Same as GL/HIST 3390 3.0 and GL/HIST 3395 3.0)

AK/HIST 3830 6.0 Europe Since 1870. An examination of political, economic and social developments in the leading states; the balance of power and World War I; democracy and totalitarianism between the wars; World War II and its aftermath. (Formerly AK/HIST 3450 6.0)

AK/HIST 3840 6.0 Modern Britain. Social, economic, and political developments in British society in the modern era, with special attention to the processes of industrialization and urbanization. (Formerly AK/HIST 3570 6.0)

AK/HIST 3850 6.0 History of Ireland. A study of Ireland in its economic, demographic and social aspects as well as its religious, political, and literary traditions. (Formerly AK/HIST 3350 6.0)

AK/HIST 3860 6.0 Germany from Napoleon to the Present. Beginning with Germany before unification in 1871, this course moves on to the German Empire, World War I, the Weimar and Hitler eras and concludes with the postwar period and the end of the east-west split in the 1990's. (Formerly AK/HIST 3420 6.0)

AK/HIST 3870 6.0 The Holocaust. An historical assessment of Nazi genocide of Jews and Gypsies, and the persecution of other minorities. (Formerly AK/HIST 3330N 6.0)

AK/HIST 3880 6.0 Modern France. This course deals with relevant political, social, economic and intellectual developments in France from the Revolution to the present. (Formerly AK/HIST 3430 6.0)

AK/HIST 3890 6.0 Modern Russian History. Analysis of the political, social, economic and cultural themes of imperial, soviet, and post-communist Russia. (Formerly AK/HIST 3610 6.0)

Africa/Asia

AK/HIST 3900 6.0 Modern International Relations Since 1870. In this course we analyse, from both the theoretical and practical perspectives, international relations from the rise of Bismarck to the dissolution of the USSR. We consider, for example, the historical role of diplomacy, international organizations, and international law. (Formerly AK/HIST 3100P 6.0)

Note: There are no formal prerequisites but background courses on European, American, Third World and Canadian foreign policy would be helpful.

AK/HIST 3910 6.0 Modern India. A broad introduction to modern India from 1857 to the present. In particular, the course deals with developments in five major areas: society, religion, economy, politics and government. (Formerly AK/HIST 3330P 6.0)

Note: Not open to students who have taken AK/HIST 3330N 3.0.

AK/HIST 3920 6.0 The Modern Middle East. A study of the modern history of the Middle East from the entry of Napoleon into Egypt to the close of World War II. (Formerly AK/HIST 3520 6.0)

AK/HIST 3930 6.0 Modern East Asia. China and Japan from the mid-nineteenth century. Emphasis will be on the conflict between the modernization process and tradition. (Formerly AK/HIST 3310 6.0)

AK/HIST 4000 3.0 (4000 6.0) Directed Reading. A reading and research course suited to students with special interests. Students will select areas of study in consultation with an appropriate professor. If interested, apply to the Chair of History.

Prerequisite: 78 credits and permission of the Chair of History.

Note: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such a course must be submitted with a note from the supervisor stating his or her willingness to perform this task. Permission of the Department Chair is also required.

AK/HIST 4100 3.0 (4100 6.0) Special Topics. The instructors and subjects of these seminar courses vary from session to session.

- A. Church and Society in Victorian England (6.0)
- G. The American Novel as an Historical Document (6.0)
- M. Issues of Church, State and Society in Modern Germany (6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4109 6.0 Related Topics. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

- A. Backwardness and Revolution in Latin America (Same as AS/HIST 4750 6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4130 6.0 Themes in Women's History. This seminar examines selected themes in the position and role of women in Western society as well as studies developments in the field of women's history.

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4200 6.0 Themes in Canadian Social and Cultural History. This course focuses upon such themes as social change, the formation of new social and economic groups, and the development of social institutions and patterns of thought.

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4210 6.0 Research Seminar in North American Immigration and Ethnic History. A research seminar on changing public attitudes, government policy, and immigrants' social, economic and political life in North America from its origins to the present. The course critically examines the historiography of North American immigration and ethnic studies, and encourages comparative analysis. (Formerly AK/HIST 4100K 6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4220 6.0 Patterns in Canadian and American Historical Thought. This course is a cross cultural and comparative analysis of American and Canadian historical thought from the late nineteenth century to the present. (Formerly AK/HIST 4100J 6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4510 6.0 Topics in Medieval History. An intensive research into various topics relating to the European Middle Ages. (Formerly AK/HIST 4020 6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4520 6.0 Themes in British History. This seminar examines selected themes in British history. (Formerly AK/HIST 4120A 6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4530 6.0 Renaissance and Reformation. An intensive scrutiny of selected topics of European history between 1350 and 1650. (Formerly AK/HIST 4170 6.0)

Prerequisite: 78 credits and permission of the Chair of History.

AK/HIST 4540 6.0 Seminar in Modern German History. A close look at the society, economics, culture and politics of Modern Germany. (Formerly AK/HIST 4110 6.0)

Prerequisite: 78 credits including German or any other European history of the nineteenth and twentieth centuries and permission of the Chair of History.

Note: Additional Courses (See Programme Requirements):

AK/HUMA 3340 6.0 Self and Society in the European Novel. (Same as AK/EN 3315 6.0)

HUMANITIES

Students concentrating on religion may wish to select 36 credits which will qualify them for the Religious Studies Certificate (see Certificate Requirements).

AK/HUMA 2100 6.0 Art and Technology. Combining theory and introductory studio components, the course surveys the invention and evolution of technologies of art practices in music, theatre, film and the visual arts from oil painting to the internet, from the drum to the digital synthesizer. How technologies change the relationship between art and its audiences and the relationship among the art disciplines themselves is a key thematic. (Same as AK/FA 2100 6.0)

Prerequisite: One general education course.

AK/HUMA 2310 6.0 Concepts of Love. An investigation of the implications of a word-symbol which, with varying emphases, has been at or near the centre of human consciousness (in terms of religious experience, sexual relationship, and social ethics) from the dawn of civilization.

Note: Not open to students who have taken AK/HUMA 3780 6.0.

AK/HUMA 2320 6.0 Texts and Contexts: Studies in Literature and Culture. Examines major works of western literature from medieval to modern times in their historical and cultural context, while considering their contemporary relevance; explores how values, aspirations and fears of different cultures are reflected by authors such as Dante, Shakespeare, Ibsen, Kafka.

Note: Not open to students who have taken AK/HUMA 2720 6.0.

AK/HUMA 2330 6.0 Myths and Their Meanings. A cross-cultural study of myths according to theme and type: creation, fertility, resurrection, and culture myths; gods and goddesses; heroes and tricksters. Material is drawn from a wide range of cultures and traditions.

Note: Not open to students who have taken AK/HUMA 3600 6.0.

AK/HUMA 2600 3.0 (2600 6.0) Special Topics. In any given year, a further number of courses may be offered. Information concerning these will be available at the departmental office in March.

A. Science Fiction

AK/HUMA 2605 6.0 Selected Topics. Selected courses which are not a feature of the Department's regular offerings may occasionally be given.

AK/HUMA 2619 3.0 (2619 6.0) Related Topics. In any given year a further number of courses may be offered.

A. Studies in Moral Themes & Values

AK/HUMA 2700 3.0 (2700 6.0) Directed Reading. Students will do extensive reading and writing in one or two selected areas, at the level appropriate to their preparation. Students wishing to enrol are to contact the Chair of the Department of Humanities.

AK/HUMA 3300 6.0 Medea to Mother Courage: Tragedy in Western Literature. A study of concepts of tragedy and tragic themes in literature from antiquity to the present, viewed in their cultural and historical contexts as well as in relation to their contemporary relevance. Readings by authors such as Aeschylus, Shakespeare, Ibsen, Chekhov, Pirandello, Brecht. (Same as AK/EN 3000L 6.0 and AK/FA 3300 6.0)

Note: Not open to students who have taken AK/HUMA 3740 6.0.

AK/HUMA 3320 6.0 Satire, Utopias, and Society. A survey and analysis of satirical and utopian literature, drama, art, music and film with special reference to the relationships among satire, morality and social comment. Material will be selected from European and North American sources from a variety of periods.

Note: Not open to students who have taken AK/HUMA 3800 6.0.

AK/HUMA 3330 6.0 The Romance of the Round Table. A comparative historical examination of the adventure-romances, epics, and spiritual narratives written in Medieval Europe about King Arthur and the Round-Table knights. Areas of study include the use of imaginative literature to control attitudes about warfare, gender, politics, spiritual development.

AK/HUMA 3340 6.0 Self and Society in the European Novel. The modern novel grew with the rise of the middle class, capitalism, democracy, and the break-down of such authorities as religion and the family. Explores how Balzac, Flaubert, Dickens, George Eliot, Dostoyevsky, Kafka and others respond to the revolutionary realities of their age. (Same as AK/EN 3315 6.0)

Note: Not open to students who have taken AK/HUMA 3940 6.0.

AK/HUMA 3350 6.0 Nature in Narrative. Analyzes how writers, artists, and filmmakers in modern Western culture represent nature. Using cultural, historical and literary perspectives, it explores changing ideas and assumptions about nature, and how these ideas are expressed in scientific, narrative and pictorial forms.

AK/HUMA 3360 6.0 Modern Women Writers. An excursion into the rich field of writing by important twentieth-century women authors, drawn from Italian, French, German, and English-speaking cultures, explored from a comparative perspective. We will study the interaction of gender, class, culture, history, and individual circumstance. (Formerly AK/HUMA 3605D 6.0) (Same as AK/EN 3555 6.0)

AK/HUMA 3370 3.0 Virginia Woolf. Woolf developed new ways of representing human character and consciousness, time and memory, and of understanding gender differences. Through readings in her fiction, essays and autobiographical writings we explore Woolf's crucial contributions to feminism and modernism. (Same as AK/EN 3591 3.0)

Note: Not open to students who have taken AK/HUMA 3620N 3.0.

AK/HUMA 3380 6.0 Black Writers and Their Worlds. This course primarily concerns itself with African American and African Canadian literature, both as it reflects these cultures and as it responds to the dominant cultures, their literary traditions and their racism. (Same as AK/EN 3000D 6.0)

AK/HUMA 3400 6.0 Comparative Study of Religions. A survey of selected world religions in their traditional and contemporary expressions, taking account of their historical development and cultural contexts.

Note: Not open to students who have taken AK/HUMA 2700 6.0 or AK/HUMA 3750 6.0.

AK/HUMA 3410 6.0 Interpreting the Hebrew Bible (The Old Testament). An historical and thematic study of selected major writings of the Hebrew Scripture. Attention is paid to the composition and interpretation of each writing, to the general development of the Jewish religion, and to selected recurrent themes.

Note: Not open to students who have taken AK/HUMA 3950 6.0.

AK/HUMA 3420 6.0 Interpreting the New Testament. A study of the world-views of the earliest Christian writers as expressed in the New Testament and contemporary writings. Such themes as the divine-human relationship, suffering and death, freedom and authority, male and female roles are studied.

Note: Not open to students who have taken AK/HUMA 3955 6.0.

AK/HUMA 3425 6.0 Dead Sea Scrolls. The Dead Sea Scrolls provide an intriguing window into the development of early Christianity and rabbinic Judaism. This course examines the texts, the communities which produced them, contemporary movements within Judaism and Christianity, and the major lines of interpretive controversy.

Note: Not open to students who have taken AK/HUMA 3610K 6.0.

AK/HUMA 3430 6.0 The Making of Christianity and Christendom. A study of how the Christian movement of the New Testament period turned into the coherent religion, culture, and social institution that was early-medieval Christianity, and defined its position on such matters as leadership, doctrine, sex roles, education, and worship.

Note: Not open to students who have taken AK/HUMA 3880 6.0.

AK/HUMA 3433 3.0 Exploring the Lands of the Bible, Part 1. This Toronto-based course examines selected periods in Judaism and early Christianity through the interplay of text and archaeology. Topics include the United Monarchy and its self-understanding, interaction of Israelite and Canaanite cultures, Dead Sea Scrolls, early Christianities, Christian pilgrimage sites and monastic foundations.

AK/HUMA 3434 3.0 Exploring the Lands of the Bible, Part 2. Conducted in Israel/Egypt, this course examines selected biblical archeological sites including ancient cities (e.g. Megiddo, Hazor, Beth Shean), historic sites (e.g. Jerusalem's Western Wall, City of David), early Christian sites (Bethlehem, Nazareth, Capernaum, Jerusalem), desert foundations (e.g. Mar Saba, Qumran, Negev), and Mount Sinai.

Prerequisite: AK/HUMA 3433 3.0.

AK/HUMA 3440 6.0 Issues and Themes in Medieval Culture. A study of the intellectual, spiritual and artistic life of the Middle Ages. Areas of study include courtliness and chivalry, warfare, education, forms of spirituality, authority and dissent, the relation of faith and reason.

Note: Not open to students who have taken AK/HUMA 3850 6.0.

AK/HUMA 3450 6.0 Philosophical Themes in Medieval Studies. This course presents a selection of the problems and approaches found in the philosophy of representative thinkers of the medieval period. An examination of specific questions in metaphysics, epistemology or ethics are treated both systemically and historically. (Same as AK/PHIL 3440 6.0)

Note: Not open to students who have taken AK/HUMA 3610C 6.0.

AK/HUMA 3455 6.0 Cultures in Conflict. This course explores conflicting patterns of ideas about humanity, nature, divinity and history as expressed in selected texts from Biblical, Near-Eastern and Greek and Roman cultures. The course also examines varying interpretations these works have received along with different interpretive methods.

Note: Not open to students who have taken AK/HUMA 2740 6.0.

AK/HUMA 3460 6.0 Renaissance and Reformation: Brand New or New Again. How did inadequate education, greed, power struggles and rapid change produce Renaissance high culture? Was it a return to classical education, culture and institutions? A religious renewal? Or new social, political and economic patterns shaping the modern world? (Same as AK/HIST 3780 6.0)

Note: Not open to students who have taken AK/HUMA 3660 6.0.

AK/HUMA 3470 6.0 The Development of Jewish Thought and Literature. This course examines the development of Jewish thought and literature in its encounters with Greek culture, Christian and Islamic thought, the new sciences and the values of modernity.

Note: Not open to students who have taken AK/HUMA 3960 6.0.

AK/HUMA 3480 6.0 Contemporary Religious Issues. This course critically examines selected contemporary religious issues such as the challenge of feminism, nature of biblical authority, rise of fundamentalism, twentieth century discoveries of other ancient texts, clash of world religions, nature religions, and liberation theology.

Note: Not open to students who have taken AK/HUMA 3760 6.0.

AK/HUMA 3490 6.0 Feminist Theology. This course explores a wide range of issues which may include: a theological understanding of woman; a feminist perspective on theology; a holistic theological outlook; development of a non-patriarchal theological framework.

Note: Not open to students who have completed AK/HUMA 3630 6.0.

AK/HUMA 3500 6.0 Science and Religion. This course investigates the relationship between science and religion from the Scientific Revolution to the twentieth century, as discussed by scientists, philosophers and theologians.

Note: Not open to students who have taken AK/HUMA 3610H 6.0.

AK/HUMA 3510 6.0 Journeys of the Spirit. A study of the quests of contemporary figures to find religious meaning in their lives.

AK/HUMA 3520 6.0 The Thought and Religion of the Graeco-Roman World. A study of Greek and Roman writings dealing with major religious issues: the existence of God, the nature of God, creation, the nature of humanity and the human soul, the good life, the prospects of immortality, and the philosophy of history.

AK/HUMA 3530 6.0 Greek and Roman Literature in Translation. A study of representative works from the major and minor genres of Greek and Roman literature: epic, tragedy, comedy, satire, lyric poetry, romantic fiction, history, biography, and the essay.

Note: Not open to students who have taken AK/HUMA 3810 6.0.

AK/HUMA 3560 6.0 Images of Woman in Western Culture. An historical and comparative exploration of ideas about women in the literary and visual materials of various periods and cultures; e.g., European, British and North American. Male images of women and the self-images produced by women are studied.

Note: Not open to students who have taken AK/HUMA 3910 6.0.

AK/HUMA 3570 6.0 By and About Women. This course studies the works of women writers and thinkers in their historical, cultural and comparative contexts. Readings may include women's literary, philosophical, educational, religious and scientific writing, as well as diaries and letters. (Same as AK/EN 3100A 6.0)

Note: Not open to students who have taken AK/HUMA 3000 6.0.

AK/HUMA 3605 3.0 (3605 6.0) Selected Topics. In any session, one or more of the following courses may be offered.

- A. de Beauvoir (formerly AK/HUMA 3620M 3.0)
- B. Gilman (formerly AK/HUMA 3620S 3.0)
- C. Female/Male Perspectives in Literature (same as AK/EN 3000A 6.0) (formerly AK/HUMA 3610A 6.0)
- E. George Eliot (formerly AK/HUMA 3620R 3.0) (same as AK/EN 3100Z 3.0)
- H. The Comic Mode in Western Literature (formerly AK/HUMA 3310 6.0) (same as AK/EN 3000E 6.0)
- J. Augustine (formerly AK/HUMA 3435 3.0)
- K. Women's Writing in Early Modern England (same as AK/EN 3655 6.0)
- L. Children's Literature (same as AK/EN 3000B 6.0)
- M. Comparative Issues in Canadian and American Native Literature (same as AK/EN 3000J 6.0)
- N. Gnosticism (formerly AK/HUMA 3610M 3.0)
- P. Politics and Literature (same as AK/EN 3000H 6.0 or AK/POLS 3550 6.0) (formerly AK/HUMA 3590 6.0)
- R. Healing Fiction: Literature and Medicine (same as AK/EN 3100Z 6.0)
- S. Literature of Ireland. (same as AK/EN 3680 6.0)

AK/HUMA 3610 3.0 (3610 6.0) Special Topics. Special courses which are not a feature of the Department's regular offerings may occasionally be given.

- B. How the Irish Saved Western Civilization (3.0)
- T. The Democratic Ideal in History and Literature (6.0)

For Fall/Winter Session 1999-2000:

AK/HUMA 3610B 3.0 How the Irish Saved Western Civilization. Examines the remarkable cultural achievements of the Irish, how they kept the lamps of learning, literature, and material culture (manuscript painting, ornamental metalwork) burning following the barbarian invasions of the fifth century and the decline of Roman civilization on the continent.

AK/HUMA 3640 6.0 Experiencing Canadian Culture. An exploration of how a unique Canadian sensibility manifests itself in contemporary cultural forms. Students are required to attend contemporary plays, movies, readings, art shows and concerts to supplement reading materials.

Note: Not open to students who have taken AK/CDNS 3640 6.0.

AK/HUMA 3650 6.0 Canadian Thought and Literature. A study of Canada's national cultures in relation to the background of European and American thought and experience in an attempt to uncover the roots of the differences both real and perceived at the basis of the crisis of Confederation.

Note: Not open to students who have taken AK/CDNS 3650 6.0.

AK/HUMA 3660 3.0/6.0 African Canadian Voices. Examines the diversity of African Canadian artistic production, literature in particular, but also film and visual art, seeking to develop theoretical and critical frameworks in which to situate contemporary work within Canadian, as well as the African Diasporic discourse.

AK/HUMA 3670 3.0/6.0 Problems of Representation in African American Art and Theatre. Explores how certain African American visual artist and dramatists interpret historical experience. Raises theoretical questions of representation, visualization, intertextuality, interdisciplinarity, and politics and the aesthetics of portrayal, focussing on the work of Romare Bearden, Jacob Lawrence, August Wilson, Adrienne Kennedy.

AK/HUMA 3700 3.0/6.0 Directed Reading. Students will do supervised reading and writing in one or two selected areas. Students wishing to enrol should contact the Chair of the Department in Humanities.

AK/HUMA 3920 6.0 Watershed of Modern Culture: The 18th Century. Many contemporary issues took their modern shape during the 18th century; e.g., our relationship to nature and science, women's education, and tensions between the individual and society. This course studies Enlightenment and Romantic literature and ideas, and includes women writers.

AK/HUMA 3930 6.0 19th-Century Thought and Literature. This course studies selected 19th-century views of the human condition. Areas of study vary from year to year and may include: Romanticism, Realism, Liberalism, Industrialism, Marxism, and the Crisis of Faith.

AK/HUMA 3970 6.0 Twentieth Century Thought and Literature. This course explores a selection of major themes and problems which writers of the 20th century have confronted in the attempt to express their views of humanity and its relation to the world.

AK/HUMA 3980 6.0 Popular Culture in the 20th Century. Surveys historical and contemporary approaches to the texts and contexts of fiction, film, television, music, folklore and fashion. Themes include the industrialization of culture; changing definitions of the popular; genre and gender; the politics of style; nature and other utopias. (Same as AK/EN 3000K 6.0)

Note: Not open to students who have taken AK/HUMA 3720 6.0 or AK/HUMA 3980 3.0.

AK/HUMA 4605 6.0 Selected Topics. Selected courses which are not a feature of the Department's regular offerings may occasionally be given.

Prerequisite: 78 credits and permission of the Chair of Humanities.

AK/HUMA 4610 6.0 Topics in Comparative Literature. Critical approaches to and intensive reading of selected texts, which will vary from year to year. Topics may include the Golden Age, archetypal patterns, and the City in literature.

Prerequisite: 78 credits and permission of the Chair of Humanities.

AK/HUMA 4620 3.0 (4620 6.0) Special Topics. In a particular session, special courses which are not a feature of the Department's regular offerings may be given. The themes of particular courses will vary according to the fields of study of visiting and cross-appointed faculty.

- B. Defiance and Decorum: Women, Revolution, and the 18th Century (6.0)

Prerequisite: 78 credits and permission of the Chair of Humanities.

Note: Not open to students who have taken AK/WMST 4010B 6.0.

AK/HUMA 4630 6.0 Studies in Interpretation. Using a wide variety of religious, philosophical and literary texts, this course examines selected issues in the study of interpretation: the role of the interpreter's perspective, the author, the text, levels/layers of meaning and methodology in the humanities.

Prerequisite: 78 credits and permission of the Chair of Humanities.

AK/HUMA 4650 3.0 (4650 6.0) Humanities Research Seminar. This course provides students with a background in Humanities an opportunity to pursue specialized research interests. The subject matter of this course varies from session to session.

- A. Women and Culture
- D. Advanced Study: Dead Sea Scrolls
- E. Advanced Studies in Religion (6.0)

Prerequisite: 78 credits and permission of the Chair of Humanities.

For Fall/Winter Session 1999-2000:

AK/HUMA 4650E 6.0 Advanced Studies in Religion. This course allows students the opportunity to pursue research projects in the following areas of Religious Studies: Old Testament (Hebrew Bible), New Testament, Dead Sea Scrolls, Gnosticism, contemporary interpretive issues. Focus is also placed on research methodology in Religious Studies.

AK/HUMA 4700 3.0 (4700 6.0) Directed Reading. Students will do extensive reading and writing in one or two selected areas. Students wishing to enrol are to contact the Chair of the Department of Humanities.

Prerequisite: 78 credits, prior acceptance by a faculty supervisor, completion of the Directed Reading contract, and approval by the Chair of Humanities.

Note: Additional Courses (See Programme Requirements):

AK/HIST 3740 6.0 The Classical World.

LATIN

A degree programme including Latin courses is available under Classical Studies.

AK/LA1400 6.0 Introductory Latin. A course for students with little or no previous training in Latin. The course will cover the rudiments of Latin grammar and provide practice in the translation into English of sentences and short passages from Latin authors. (Same as GL/HUMA 1850 6.0)

AK/LA 2410 6.0 Intermediate Latin: Classical. A course for students with some previous training in Latin. This course will provide an intensive review of Latin grammar and practice in the translation of selected Latin prose and poetry. (Same as AS/LA 2000 6.0)

Prerequisite: AK/LA1400 6.0 or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/LA 2430 6.0 Intermediate Latin: Mediaeval. A course for students with some previous training in Latin. This course will provide a review of the grammar of classical Latin and an introduction to the Latin language of the mediaeval period, with practice in the translation of selected mediaeval Latin prose and poetry.

Prerequisite: AK/LA1400 6.0 or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/LA 3400 6.0 Vergil. Reading of selections from Vergil's Aeneid, Georgics, and Eclogues. (Same as AS/LA 3410 6.0)

Prerequisite: A 2000 level Latin course or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/LA 3410 6.0 Latin Love Poetry. Selections from the works of Catullus, Propertius, Ovid, and selected writers of late antiquity. (Same as AS/LA 3030 6.0)

Prerequisite: A 2000 level Latin course or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/LA 3420 3.0 (3420 6.0) Special Topics. In a given year an additional course on a particular author or authors may be offered to meet needs of students.

Prerequisite: A 2000 level Latin course or, for students with equivalent preparation, the permission of the Coordinator of Classical Studies.

AK/LA 3440 6.0 Roman Drama. Selections from the comedies of Plautus and Terence and the tragedies of Seneca.

Prerequisite: A 2000 level Latin course or permission of the Coordinator of Classical Studies.

AK/LA 4000 3.0 (4000 6.0) Reading in Latin Authors. An independent reading course with material chosen according to the interest of the student.

Prerequisite: 78 credits or, for students with equivalent preparation, the permission of the Coordinator of Classical Studies.

Note: Students must be accepted by a faculty supervisor before they can register in a 4000 level reading course. The course transaction form for such a course must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Programme Coordinator is also required.

AK/LA 4010 3.0 (4010 6.0) Seminar in Patristic and Mediaeval Latin. Topics may include the theological and philosophical writings of the Latin Fathers, mediaeval historical and legal documents, mediaeval Latin poetry, inter alia.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

AK/LA 4020 3.0 Vulgar Latin. An introduction to the study of the Latin of everyday life in the Roman Empire and its relation to the formation of the Romance languages.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Coordinator of Classical Studies.

LINGUISTICS

AK/LING 1409 6.0 Related Topics in Linguistics. Treatment of various topics in linguistics.

A. Introduction to Linguistics

MATHEMATICS

Note: For all Mathematics courses that are cross-listed with the Faculties of Arts, Pure and Applied Science, please consult the York University Calendar for alternative prerequisites and additional exclusions.

AK/AS/SC/MATH 1090 3.0 Introduction to Sets and Logic. Sets, functions, relations, induction, and proof techniques, logic and logic circuits, basic combinatorics and some basic graph theory.

Prerequisite: AK/MATH 1710 6.0 or one OAC in mathematics or equivalent.

AK/MATH 1200 3.0 (1200 6.0) Special Topics in Mathematics. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

AK/AS/SC/MATH 1300 3.0 Differential Calculus with Applications. Limits, derivatives with applications, anti derivatives, fundamental theorem of calculus, beginnings of integral calculus.

Prerequisite: AK/MATH 1710 6.0 or equivalent.

Note: Not open to students who have taken AK/MATH 1420 3.0, AK/MATH 1430 3.0, AK/MATH 1410 6.0 or equivalent.

AK/AS/SC/MATH 1310 3.0 Integral Calculus with Applications. Transcendental functions, differential equations, techniques of integration, improper integrals, infinite series, Taylor's formula.

Prerequisite: AK/AS/SC/MATH 1300 3.0 or equivalent.

Note: Not open to students who have taken AK/MATH 1430 3.0 or AK/MATH 1410 6.0.

AK/MATH 1409 3.0 (1409 6.0) Related Topics in Mathematics. Treatment of various topics in elementary mathematics.

AK/AS/MATH 1550 6.0 Mathematics with Management Applications. Entry course to the Mathematics for Commerce Ordinary Degree programme. It includes differential and integral calculus, matrix algebra and elements of optimization with applications to management.

Prerequisite: One OAC mathematics or AK/MATH 1710 6.0 or equivalent.

Note 1: This course is not open to students who have taken AK/MATH 1410 6.0, AK/MATH 1300 3.0, AK/MATH 1420 3.0, AK/MATH 2221 3.0, AK/MATH 2220 6.0, or equivalents.

Note 2: This course may only be used for major degree credit in the Mathematics for Commerce degree programme. In all other (Atkinson) Mathematics degree programmes it counts as an elective only.

AK/AS/SC/MATH 2030 3.0 Elementary Probability. Introduction to the theory of probability as preparation for further study in either mathematical or applied probability and statistics. Topics include probability spaces, conditional probability, independence, random variables, distribution functions, expectation, Chebyshev's inequality, common distributions, moment-generating functions and limit theorems.

Prerequisite: AK/AS/SC/MATH 2310 3.0.

Note: Not open to students who have completed AK/MATH 2430 6.0 or equivalent.

AK/AS/SC/MATH 2131 3.0 Introduction to Statistics II. This course is a continuation of AK/AS/SC/MATH 2030 3.0. This course provides students with an introduction to statistical methods with an emphasis on applications using continuous probability models.

Prerequisite: AK/AS/SC/MATH 2030 3.0.

Note: Computer/Internet use may be required to facilitate course work.

AK/MATH 2200 3.0 (2200 6.0) Special Topics in Mathematics. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

AK/MATH 2209 3.0 (2209 6.0) Related Topics in Mathematics. Treatment of various topics in elementary mathematics.

AK/AS/SC/MATH 2221 3.0 Linear Algebra with Applications I. Systems of linear equations, linear and affine subspaces of R^n , the Gauss-Jordan algorithm, matrices and matrix algebra, determinants, vector space concepts for R^n (linear dependence and independence, bases, dimension, etc.), various applications.

Prerequisite: AK/MATH 1710 6.0.

Note: Not open to students who have completed AK/MATH 2220 6.0.

AK/AS/SC/MATH 2222 3.0 Linear Algebra with Applications II. Linear transformations and their representation by matrices, change of basis and similarity, eigenvalues and eigenvectors, diagonalization, inner product spaces, orthogonality, the Gram-Schmidt algorithm, least squares approximations, abstract vector spaces, various applications.

Prerequisite: AK/AS/SC/MATH 2221 3.0.

Note: Not open to students who have completed AK/MATH 2220 6.0.

AK/AS/SC/MATH 2270 3.0 Differential Equations. Introduction to differential equations, including a discussion of the formation of mathematical models for real phenomena; solution by special techniques; applications; linear equations; solutions in series; other topics if time permits.

Prerequisite: AK/AS/SC/MATH 2310 3.0 or equivalent; AK/AS/SC/MATH 2221 3.0 or equivalent.

AK/AS/SC/MATH 2310 3.0 Calculus of Several Variables With Applications. Vector functions, partial derivatives, gradient, multiple integrals, line integrals, optimization, applications.

Prerequisite: AK/AS/SC/MATH 1310 3.0 or equivalent.

AK/MATH 2441 3.0 Discrete Mathematics for Computer Science I. Properties of floor, ceiling, mod and other functions; prime numbers and factorization; sets, recursive definitions and algorithms. Propositional logic and computing uses; proof methods; mathematical induction; predicate logic; representation of relations and functions.

Prerequisite: AK/MATH 1710 6.0.

Note: Not open to students who have completed AK/MATH 2440 6.0 or AK/AS/SC/MATH 1090 3.0.

AK/MATH 2442 3.0 Discrete Mathematics for Computer Science II. Properties of relations; equivalence and order relations; closure. Inverse and composition of relations and functions. Recurrence relations. Directed graphs; algorithms for paths and reachability; acyclic digraphs. Rooted trees. Basic combinatorics. Complexity of algorithms.

Prerequisite: AK/MATH 2441 3.0 or AK/AS/SC/MATH 1090 3.0.

Note: Not open to students who have completed AK/MATH 2440 6.0.

AK/AS/SC/MATH 2500 3.0 An Introduction to the Basic Practice of Statistics. This course provides an introduction to the concepts of statistics with an emphasis on developing a critical attitude towards the use and misuse of statistics in business, health sciences and other areas.

Note 1: May not be taken by students who have taken or are taking any university course in statistics.

Note 2: Not open to students who have taken AK/AS/SC/MATH 2560 3.0.

AK/AS/SC/MATH 2560 3.0 Elementary Statistics I. Displaying and describing distributions, normal distribution. Relationships between variables, regression and correlation. The need for design, experimental design and sampling design. Sampling distributions, bias, variability. Probability models, random variables, probability laws.

Prerequisite: AK/MATH 1710 6.0.

Note: Not open to students who have completed AK/MATH 2430 6.0 or AK/BIOL 3080 6.0.

AK/AS/SC/MATH 2570 3.0 Elementary Statistics II. Binomial distribution, sampling distribution of sample proportions and means, central limit theorem. Confidence intervals, tests and decisions, abuse of tests. Inference for a single mean, comparing two means, and for spread. Contingency tables. Simple regression and basic analysis of variance.

Prerequisite: AK/AS/SC/MATH 2560 3.0 or AS/SC/MATH 1131 3.0.

Note: Not open to students who have completed AK/MATH 2430 6.0 or AK/BIOL 3080 6.0.

AK/AS/MATH 2580 6.0 Mathematics of Investment and Actuarial Science. Theory of interest; annuities certain; amortization and sinking funds; evaluation of bonds and other investments; depreciation, depletion and capital cost; insurance; including mortality tables, principles of life annuities, premiums and reserves.

Prerequisite: One full mathematics course.

Note 1: This course is not open to students who have taken AK/MATH 2209B 6.0, AS/SC/MATH 3280 6.0.

Note 2: This course only be used for major credit in the Mathematics for Commerce degree programme. In all other (Atkinson) Mathematics degree programmes it counts as an Elective only.

AK/MATH 2720 3.0 Quantitative Methods I. An introductory treatment of topics in probability and statistical inference. Conditional probability and independence, random variables, distributions, estimation, hypothesis testing, and regression. (Same as AK/ADMS 3320 3.0)

Prerequisite: AK/MATH 1710 6.0 or equivalent.

Note: This course is not open to students who have taken AK/MATH 2430 6.0, AK/MATH 3100 6.0 or equivalent and is not open to Mathematics majors.

AK/MATH 2730 3.0 Quantitative Methods II. An introduction to techniques of decision theory, and linear algebra and linear programming, and modelling, necessary for further work in management and social sciences. (Same as AK/ADMS 3330 3.0)

Prerequisite: AK/MATH 1710 6.0 or equivalent.

Note: This course is not open to students who have taken AK/MATH 1410 6.0, AK/AS/SC/MATH 1310 3.0, AK/MATH 3100 6.0, AK/MATH 3120 3.0 or equivalent and is not open to Mathematics majors.

AK/MATH 2750 3.0 Bayesian Inference and Decision. This course takes a quantitative approach to decision making, including a coverage of Bayesian inference, decision theory, prior, posterior, and preposterior analysis, using discrete and continuous distributions. Emphasis is given to the understanding of concepts and the use and application to administration.

Prerequisite: AK/MATH 2720 3.0 or AK/ECON 3470 3.0, or, for students with equivalent preparation, permission of the Chair of Mathematics.

Note 1: This course counts as an elective in a Mathematics major.

Note 2: Not open to students who have taken AK/ADMS 3350 3.0 or AK/ECON 3110 3.0.

AK/MATH 2751 3.0 Managerial Operations Research. Introductory treatment of operations research topics and applications to functional areas in administration. This includes linear programming, formulation, graphical solutions, simplex solutions, sensitivity analysis, duality, and computer solutions; assignment/transportation problems, integer programming, network models, dynamic programming and computer simulation.

Prerequisite: AK/MATH 2720 3.0 or AK/ECON 3470 3.0, or, for students with equivalent preparation, permission of the Chair of Mathematics.

Note 1: This course counts as an elective in a Mathematics major.

Note 2: This course is not open to students who have taken AK/AS/SC/MATH 3170 6.0, AK/MATH 3490 6.0, AK/COSC 3450 6.0, AK/ADMS 3351 3.0 or AK/ECON 3120 3.0.

AK/MATH 2752 3.0 Sampling Techniques and Survey Design. This course deals with: different sampling techniques and their applications to management problems, survey design, pilot surveys, use of focus groups, in-person interviews, mail surveys, and polling.

Prerequisite: AK/MATH 2720 3.0 or AK/ECON 3470 3.0, or, for students with equivalent preparation, permission of the Chair of Mathematics.

Note 1: This course counts as an elective in a Mathematics major.

Note 2: Not open to students who have taken AK/ADMS 3352 3.0 or AK/ECON 3130 3.0.

AK/AS/SC/MATH 3010 3.0 Vector Integral Calculus. Integrability of continuous functions over suitable domains, iterated integrals and Fubini's theorem, counterexamples, change of variables, Jacobian determinants, polar and spherical coordinates, volumes, vector fields, divergence, curl, line and surface integrals, Green's and Stokes' theorems, differential forms, general Stokes' theorem.

Prerequisite: AK/AS/SC/MATH 2310 3.0 or equivalent.

Prerequisite or Corequisite: AK/AS/SC/MATH 2222 3.0.

Note: Not open to students who have taken AK/MATH 3310 3.0.

AK/AS/SC/MATH 3020 6.0 Algebra I. Introduction to the basic concepts of abstract algebra, with applications: groups (cyclic, symmetric, Lagrange's theorem, quotients, homomorphism theorems); rings (congruences, quotients, polynomials, integral domains, principal-ideal and unique-factorization domains); fields (field extensions, constructions with ruler and compasses, coding theory).

Prerequisite: AK/AS/SC/MATH 2222 3.0 or equivalent.

AK/AS/SC/MATH 3034 3.0 Applied Categorical Data Analysis. Regression using categorical explanatory variables, one-way and two-way analysis of variance. Categorical response data, two-way and three-way contingency tables, odds ratios, tests of independence, partial association. Generalized linear models. Logistic regression. Loglinear models for contingency tables.

Prerequisite: AS/SC/MATH 3033 3.0 or AK/AS/SC/MATH 3330 3.0.

Note: Computer/Internet use may be required to facilitate course work.

AK/AS/SC/MATH 3050 6.0 Introduction to Geometries. Analytic geometry over a field with vector and barycentric coordinate methods, affine and projective transformation's, inversive geometry, foundations of Euclidean and non-Euclidean geometry, applications throughout to Euclidean geometry.

Prerequisite: AK/AS/SC/MATH 2222 3.0 or equivalent.

AK/AS/SC/MATH 3110 3.0 Introduction to Mathematical Analysis. Proofs in calculus and analysis. Topics include sets, functions, axioms for \mathbb{R} , applications of the completeness axiom, countability, sequences and their limits, monotone sequences, limits of functions, continuity.

Prerequisite: AK/AS/SC/MATH 1310 3.0.

Prerequisite or Corequisite: AK/AS/SC/MATH 2310 3.0 and AK/AS/SC/MATH 2221 3.0.

AK/AS/SC/MATH 3131 3.0 Mathematical Statistics I. Topics include common density functions, probability functions, principle of likelihood, the likelihood function, the method of maximum likelihood, likelihood regions, tests of hypothesis, likelihood ratio tests, goodness of fit tests, conditional tests, and confidence sets with a view toward applications.

Prerequisite: AK/AS/SC/MATH 2030 3.0 or permission of Chair of Mathematics.

Note: Not open to students who have completed AK/AS/SC/MATH 3030 3.0.

AK/AS/SC/MATH 3132 3.0 Mathematical Statistics II. Important examples and methods of statistical estimation and hypothesis testing are discussed in terms of their mathematical and statistical properties. Topics include sufficiency, Bayesian statistics, decision theory most powerful tests, likelihood ratio tests.

Prerequisite: AK/AS/SC/MATH 3131 3.0.

Note: Not open to students who have taken AK/MATH 3530 6.0.

AK/AS/SC/MATH 3140 6.0 Number Theory and Theory of Equations. A study of topics in number theory and theory of equations using relevant methods and concepts from modern algebra, such as Abelian groups, unique factorization domains and field extensions.

Prerequisite: AK/AS/SC/MATH 2222 3.0 or permission of Chair of Mathematics.

AK/AS/SC/MATH 3170 6.0 Operations Research I. Linear programming; transportation problems, including network flows, assignment problems and critical path analysis; integer programming; dynamic programming and an introduction to stochastic models. Applications to a variety of problems in the field of operations research.

Prerequisite: AK/MATH 1025 3.0 or AK/AS/SC/MATH 2221 3.0, AS/SC/COSC 1530 3.0 or AS/SC/COSC 1540 3.0 or equivalent.

AK/AS/SC/MATH 3190 3.0 Set Theory and Foundations of Mathematics. Paradoxes in naive set theory. Functions and Relations. Axiom of Choice. Order, ordinals and their arithmetic. Cardinals and their arithmetic. Introduction to Axiomatic set theory.

Prerequisite: At least 6 Mathematics credits at the 2000 level whose second digit is not '5' or '7'.

Note 1: Not open to students who have completed AK/MATH 3590 6.0.

AK/MATH 3199 3.0 (3199 6.0) Related Topics in Mathematics. Treatment of various topics in mathematics.

AK/MATH 3200 3.0 (3200 6.0) Special Topics in Mathematics. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

A. Mathematics in the History of Culture (6.0)

B. Mathematics and Culture of India (AK/HIST 3330P 3.0)

AK/AS/SC/MATH 3210 3.0 Principles of Mathematical Analysis. Rigorous presentation with proofs of fundamental concepts of analysis: limits, continuity, differentiation, integration, fundamental theorem, power series, uniform convergence.

Prerequisite: AK/AS/SC/MATH 3110 3.0.

Note: This course is not open to students who have taken AK/AS/SC/MATH 4010 6.0.

AK/AS/SC/MATH 3230 3.0 Analysis of Variance. Categorical variables; one factor and two factor analysis; fixed, random and mixed models; nested designs; an introduction to randomized block and Latin square designs.

Prerequisite: AK/AS/SC/MATH 3330 3.0.

AK/AS/SC/MATH 3260 3.0 Introduction to Graph Theory. Introductory graph theory with applications. Graphs, digraphs. Eulerian and Hamiltonian graphs. The travelling salesman. Path algorithms; connectivity; trees; planarity; colourings; scheduling; minimal cost networks. Tree searches and sortings, minimal connectors and applications from physical and biological sciences.

Prerequisite: At least 6 credits from 2000 level MATH courses (without second digit 5, or, in an Atkinson Mathematics course, 7).

Note: Not open to students who have completed AK/MATH 3520 6.0.

AK/AS/SC/MATH 3330 3.0 Regression Analysis. Simple regression analysis, multiple regression analysis, matrix form of the multiple regression model, estimation, tests (t- and F-tests), multicollinearity and

other problems encountered in regression, diagnostics, model building and variable selection, remedies for violations of regression assumptions.

Prerequisite: AK/AS/SC/MATH 2570 3.0 or AK/ECON 3480 3.0 or AK/ADMS 3320 3.0; AK/AS/SC/MATH 2221 3.0 or equivalent.

AK/MATH 3400 6.0 Topics in the History of Mathematics. This course is intended to provide an understanding of the origins and the development of concepts in selected parts of mathematics, which may vary from year to year. Some possible areas of study are the foundations of calculus, the history of the number pi, and the two-body problem in mechanics.

Prerequisite: At least 18 credits in Mathematics.

AK/AS/SC/MATH 3410 3.0 Complex Variables. Analytic functions, the Cauchy-Riemann equations, complex integrals, the Cauchy integral theorem, maximum modulus theorem. Calculations of residues and applications to definite integrals, two-dimensional potential problems and conformal mappings.

Prerequisite: AK/AS/SC/MATH 2310 3.0 or permission of Chair of Mathematics.

AK/AS/SC/MATH 3430 3.0 Sample Survey Design. Principal steps in planning and conducting a sample survey. Sampling techniques including simple random sampling, stratified random sampling, cluster sampling, and sampling with probabilities proportional to size. Estimation techniques including difference, ratio, and regression estimation.

Prerequisite: AK/AS/SC/MATH 2030 3.0, or AK/AS/SC/MATH 3330 3.0.

AK/MATH 3490 6.0 Optimisation and Decisions. Maximum and minimum problems. Methods of solution of extremal problems. Decisions, their analysis and synthesis. Decision problems involving criteria of different measurement scales. Decision models in artificial intelligence and expert systems.

Prerequisite: AK/AS/SC/MATH 1300 3.0 and AK/AS/SC/MATH 1310 3.0 or equivalent.

Note: This course is not open to students who have taken or are taking AK/COSC 3450 6.0, or AK/AS/SC/MATH 3170 6.0 or equivalent.

AK/AS/SC/MATH 4010 6.0 Real Analysis. Survey of the real and complex number systems, and inequalities. Metric space topology. The Riemann-Stieltjes integral. Some topics of advanced calculus, including more advanced theory of series and interchange of limit processes. Lebesgue measure and integration. Fourier series and Fourier integrals.

Prerequisite: AK/AS/SC/MATH 3210 3.0.

AK/AS/SC/MATH 4020 6.0 Algebra II. Continuation of Algebra I, with applications: groups (finitely generated Abelian groups, solvable groups, simplicity of alternating groups, group actions, Sylow's theorems, generators and relations); fields (splitting fields, finite fields, Galois theory, solvability of equations); additional topics (lattices, Boolean algebras, modules).

Prerequisite: AK/AS/SC/MATH 3020 6.0.

AK/AS/SC/MATH 4030 3.0 Probability Theory. Elementary measure theory, convergence of random variables, strong law of large numbers, convergence in distribution, stable laws, conditional expectation, martingales.

Prerequisite: AK/AS/SC/MATH 2030 3.0 or AK/AS/SC/MATH 3030 3.0.

Note: Not open to students who have taken AK/MATH 4030 6.0.

AK/MATH 4040 6.0 Methods of Applied Mathematics. Laplace transform, vector analysis, Green's theorem, Stokes' theorem, calculus of variations, partial differential equations, Laplace's equation, conformal mappings.

Prerequisite: AK/AS/SC/MATH 1310 3.0 or equivalent, or, for students with equivalent preparation, permission of the Chair of Mathematics.

AK/MATH 4060 6.0 Modern Mathematics for Teachers. This course provides an overview of modern mathematics from the mid-nineteenth century to the present with the aim of providing the student with an understanding of major subjects which will include non-Euclidean geometry, logic, topology, unsolved problems, catastrophe theory, fractals, chaos.

Prerequisite: AK/AS/SC/MATH 2310 3.0.

AK/AS/SC/MATH 4080 6.0 Topology. Topological spaces, continuity, connectedness, compactness, nets, filters, metrization theorems, complete metric spaces, function spaces, fundamental group, covering spaces.

Prerequisite: AK/AS/SC/MATH 3210 3.0.

AK/AS/SC/MATH 4150 3.0 Topics in Geometry. One or two topics which may be chosen from the following: projective geometry, algebraic geometry, geometrical algebra, finite geometries, differential geometry, Riemannian geometry, discrete applied geometry.

Prerequisite: AK/AS/SC/MATH 2222 3.0; 6 credits from 3000 level MATH courses (without second digit 5); or permission of Chair of Mathematics.

AK/MATH 4200 3.0 (4200 6.0) Special Topics in Mathematics. Advanced treatment of various topics which may not be covered in other courses. Topics vary from year to year.

Prerequisite: AK/AS/SC/MATH 2310 3.0 and AK/AS/SC/MATH 2222 3.0.

AK/AS/SC/MATH 4210 3.0 Complex Analysis. A rigorous development of the principal results of complex variable theory, including Taylor and Laurent series, the calculus of residues, the maximum modulus theorem and some special functions. Introduction to some more advanced topics.

Prerequisite: AK/AS/SC/MATH 3410 6.0.

Note: Not open to students who have taken AK/MATH 4210 6.0.

AK/AS/SC/MATH 4250 6.0 Differential Geometry. Curves and surfaces in 3-space, tangent vectors, normal vectors, curvature, introduction to topology, manifolds, tangent spaces, multilinear algebra and tensors.

Prerequisite: AK/AS/SC/MATH 2222 3.0 and AK/AS/SC/MATH 3010 3.0.

AK/MATH 4260 3.0 (4260 6.0) Directed Reading. This course involves reading a standard book or recently published papers under supervision of a faculty member. May require preparation of a paper on the chosen topic. Students should contact the Programme Chair by April for the following Fall/Winter term.

Prerequisite: 48 Mathematics credits with an average grade of B, or, for students with equivalent preparation, permission of the Chair of Mathematics.

Note 1: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Programme Chair is also required.

Note 2: For either the ordinary or the honours degree, no student may include more than one full reading course or equivalent in the programme of study.

AK/AS/SC/MATH 4271 3.0 Dynamical Systems. Iterations of maps and differential equations; phase portraits, flows; fixed points, periodic solutions and homoclinic orbits; stability, attraction, repulsion; Poincaré

maps, transition to chaos. Applications: logistic maps, interacting populations, reaction kinetics, forced Van der Pol, damped Duffing, and Lorenz equations.

Prerequisite: AK/AS/SC/MATH 2221 3.0; AK/AS/SC/MATH 2270 3.0.

Note: not open to students who have taken AK/AS/SC/MATH 3270 3.0.

AK/AS/SC/MATH 4290 3.0 Mathematical Logic. Predicate logic, rules of inference, elimination of quantifiers, Tarski semantics, Gödel's completeness, compactness and incompleteness theorems. Ultrapowers. Non-standard Analysis.

Prerequisite: AK/AS/SC/MATH 1090 3.0 or AK/MATH 2441 3.0 or AK/AS/SC/MATH 3190 3.0.

AK/MATH 4430 3.0 Stochastic Processes. Basic stochastic processes, including Markov chains, Poisson processes, and birth-death processes. Topics from queues, renewal processes, stationary processes, Brownian motion.

Prerequisite: AK/AS/SC/MATH 2030 3.0.

Note: Not open to students who have taken AK/MATH 4030 6.0.

MODES OF REASONING

AK/MODR 2410 3.0 Fallacy. This course will be a practical study of informal fallacies. It will look at historical writings on the topic and study the classification of fallacy, but will mainly study the use of fallacy in propaganda and the commission of fallacy in academic texts. (Same as AS/PHIL 2200 3.0)

Prerequisite: A 1000 level Modes of Reasoning or General Education Mathematics course, or seven full courses (or equivalent).

AK/MODR 2420 3.0 Conceptual Analysis. This course will investigate the notion of definition, with emphasis on contemporary techniques of conceptual analysis. The course will emphasize practice as well as theory, which will result in students becoming more skilled at clarifying their and others' meanings.

Prerequisite: A 1000 level Modes of Reasoning or General Education Mathematics course, or seven full courses (or equivalent).

AK/MODR 3000 3.0 (3000 6.0) Special Topics. The topic of this course will vary from session to session.

- A. Conceptual Models of Medicine
- B. Reasoning in Persuasion and Propaganda

AK/MODR 3100 3.0 Argumentation Theory. Dispute and argument have been studied by philosophers since ancient times. This course examines the nature of dispute in the context of both the history of philosophy and modern research. (Same as AS/PHIL 3220 3.0)

Prerequisite or Corequisite: AS/PHIL 2100 3.0 or AS/PHIL 3100 6.0 or permission of instructor.

MUSIC, SEE FINE ARTS

NURSING

AK/NURS 1000 3.0 Introduction to Health Informatics Management. Introduces computer technology concepts related to hardware, software and communication protocols. Computer lab time will provide for practical experience using a variety of software packages. Computer concepts will be discussed with particular reference to their applicability in health care.

Prerequisite: None.

AK/NURS 2720 3.0 Perspectives on Health and Health Promotion. Focuses on concepts and theories related to health and health promotion for individuals, groups, populations and communities including an emphasis on strategies for encouraging health promoting behaviours.

Prerequisite: None.

AK/NURS 2730 3.0 Health Assessment. An overview of the theory and skills of health assessment with emphasis on the individual. The clinical component of this course provides for guided practice in performing assessments.

Note 1: Open only to students enrolled in the B.Sc.N. programme.

Note 2: This course includes a clinical practicum equal to three hours per week.

AK/NURS 3000 3.0 Development of Self as Nurse III: Professionhood. Focuses on development of professionhood through inquiry into professional obligation, responsibility, individual accountability; the roles of professional associations, unions, and regulation. Develops an awareness of the sociopolitical and economic context of nursing and its involvement in sociopolitical activism.

Note: Open only to students enrolled in the Collaborative B.Sc.N. programme. Not open to students who have taken AK/PHIL 3000 3.0.

AK/NURS 3010 3.0 The Nature of Nursing Knowledge. Examines the nature of nursing knowledge. Students critically reflect on the historical, socio-political and philosophic forces influencing nursing knowledge. A variety of conceptual models of nursing are explored as well as their utility for practice.

Note: Open only to students enrolled in the Post-RN B.Sc.N. programme.

AK/NURS 3020 3.0 The Conceptual Basis of Nursing Practice. Focuses on the conceptual and theoretical basis on nursing practice. Using methods of concept analysis, synthesis and derivation, students develop in-depth knowledge of concepts central to nursing practice. Students apply and critique the concepts/theories in practice situations.

Note 1: Open only to students enrolled in the Post-RN B.Sc.N. programme. It is strongly recommended that students complete AK/NURS 3010 3.0 prior or concurrently with AK/NURS 3020 3.0.

Note 2: AK/NURS 3010 3.0 plus AK/NURS 3020 3.0 are equivalent to AK/NURS 3700 6.0.

AK/NURS 3100 9.0 Health & Healing I: Community as Partner. Focuses on the community as client and the knowledge and skills related to caring for a community. Roles, concepts and theories of community health and healing will be compared, analysed and applied. Includes a practicum of 288 hours over two semesters.

Note: Open only to students in the Collaborative B.Sc.N. programme.

AK/NURS 3110 3.0 Development of Self as Nurse II: Knowledge of Nursing. Focuses on the development of nursing knowledge including philosophic, conceptual and theoretical perspectives. Students examine personal and professional paradigms to explore the relationship between paradigms, models and theories of nursing practice.

Note: Open only to students in the Collaborative B.Sc.N. programme.

AK/NURS 3200 3.0 Foundations of Health Informatics. Examines concepts, principles and processes of information management in health care focusing on the knowledge and skills required for leadership roles in developing and managing new technology. Trends and issues related to computerization in health are critically explored.

Prerequisite: AK/NURS 1000 3.0 or AK/COSC 1200 3.0 or for students with equivalent preparation, permission of the Chair of Nursing.

AK/NURS 3210 3.0 Societal Implications of Health Informatics. Focuses on Informatics issues which affect quality of life for health care practitioners, clients, and families. The impacts of computerization on confidentiality, the client/practitioner relationship, patient care, and health care education, research, and administration are critically examined.

Prerequisite: AK/NURS 3200 3.0 or for students with equivalent preparation, permission of the Chair.

AK/NURS 3220 3.0 Educational Strategies for Health Informatics. Focuses on informatics strategies to develop institutional and community based education programs to communicate health care information in an on-line globalized community. Students will be required research and develop educational programs using internet tools.

Prerequisite: AK/NURS 3200 3.0 or for students with equivalent preparation, permission of the Chair.

AK/NURS 3230 3.0 Special Topics in Health Informatics. The instructor and topics of this course will vary from session to session. Topics will relate to relevant critical issues as they emerge in health care.

Prerequisite: AK/NURS 3200 3.0 or for students with equivalent preparation, permission of the Chair.

AK/NURS 3300 3.0 Development of Self as Nurse I: Nursing Research and Inquiry. Explores the research basis of nursing practice. Research methods, including qualitative and quantitative approaches are examined along with methods of analysis. Students develop the ability to critique nursing research and to use research in practice.

Prerequisite: AK/MATH 1720 6.0 or for students with equivalent preparation, permission of the Chair of Nursing.

Note: Not open to students who have completed AK/ADMS 2300 6.0 or AK/NURS 2700 6.0. Open only to students in the B.Sc.N. programmes.

AK/NURS 3310 3.0 Applied Nursing Research. Provides students with the opportunity to apply theory/concepts of research design and methods in nursing to the development of a specific health-related research proposal based on researchable questions derived from the students' nursing practice.

Prerequisite: AK/NURS 3300 3.0 or AK/NURS 2700 6.0 or AK/ADMS 2300 6.0 or, for students with equivalent preparation, permission of the Chair of Nursing.

Note: Open only to students in the B.Sc.N. programmes.

AK/NURS 3500 3.0/4500 3.0 Program Evaluation in Health Care Part I. A blend of theory and practice that provides students with an understanding of the concepts and implementation of programme evaluation in health care. Students develop the ability to critique programme evaluation reports and develop a proposal to evaluate a programme. (Same as AK/ADMS 3720 3.0/4770 3.0)

Prerequisite: For B.Sc.N. students AK/NURS 3300 3.0 or AK/NURS 2700 6.0. All other students AK/ADMS 2300 6.0, or for students with equivalent preparation, permission of the Chair of Nursing.

Note 1: Not open to students who have completed AK/ADMS 3130Q 3.0.

Note 2: Not open to students who have completed AK/NURS 3500/ADMS 3720 3.0.

AK/NURS 3740 3.0 Health Care Planning for Communities. Provides a theoretical and methodological background for health problem analysis and programme/service planning at the community and regional levels.

Prerequisite: For B.Sc.N. students AK/NURS 3300 3.0 or AK/NURS 2700 6.0. All other students AK/ADMS 2300 6.0, or for students with equivalent preparation, permission of the Chair of Nursing.

Note: Not open to students who have taken AK/ADMS 3130K 3.0.

AK/NURS 3770 3.0 Leadership Development: Part I. Focuses on nursing management roles and functions, organizational structure and processes, and the management of human resources in a variety of health care settings.

AK/NURS 3780 3.0/6.0 Directed Professional Practice. The instructor and subject of this seminar course vary from session to session.

Prerequisite: AK/NURS 3010 3.0 and AK/NURS 3020 3.0, or AK/NURS 3700 6.0 or, for students with equivalent preparation, permission of the Chair of Nursing.

Note: Open only to students in the Post-RN B.Sc.N. program.

AK/NURS 3790 3.0 (3790 6.0) Special Topics in Nursing. The instructor and topic of this course will vary from session to session.

AK/NURS 3800 3.0 (3800 6.0) Directed Reading. Students select an area for extensive reading and writing. Specific areas to be selected in consultation with an appropriate faculty member.

Prerequisite: Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for this course must be submitted with the signature of the supervisor indicating willingness to supervise. Permission of the Chair of Nursing is also required.

Note: Open only to students in the Post-RN B.Sc.N. programme.

AK/NURS 4000 3.0 Development of Self as Nurse IV: Innovator & Change Agent. Focuses on the dynamics of nursing and health care with a view to identifying opportunities for change and innovation. Students acquire knowledge and skills associated with change, innovation, entrepreneurship, consulting and leadership.

Prerequisite: For students in the Collaborative B.Sc.N. programme, successful completion of all third year courses, or for students in the Post-RN B.Sc.N. programme 60 credits, or permission of the Chair of Nursing.

Note: Open only to students in the B.Sc.N. programmes.

AK/NURS 4100 3.0 Health & Healing II: Global Context of Nursing. Focuses on global issues and trends related to present and future scenarios of human and planetary health. *Caring*, the central concept in nursing, is explored within the global context. Nurses' roles, responsibilities and actions are examined in relation to the promotion of global health.

Prerequisite: For students in the Collaborative B.Sc.N. programme, successful completion of all third year courses, or for students in the Post-RN B.Sc.N. programme 60 credits, or permission of the Chair of Nursing.

Note: Open only to students in the B.Sc.N. programmes.

AK/NURS 4110 9.0 Integrated Practicum. Intensive practice experience in a variety of traditional and non-traditional nursing settings. Students integrate learning from all nursing courses and engage in deliberative praxis. The practicum experience is 432 hours.

Prerequisite: Successful completion of Major requirements.

Note: Open only to students in the Collaborative B.Sc.N. programme.

AK/NURS 4200 3.0 Applied Health Informatics Research. Provides the opportunity to integrate theory and practice to develop increased competence in Informatics. Students and faculty plan individualized research. The course includes both seminars and self-directed research.

Prerequisite: AK/NURS 3200 3.0 or for students with equivalent preparation, permission of the Chair.

AK/NURS 4310 3.0 (4310 6.0) Applied Nursing Research. Allows students who have completed their course work to design and carry out a major project under the supervision of a faculty advisor and present the results to their student and faculty colleagues.

Prerequisite: 60 credits including AK/NURS 3300 3.0, or AK/NURS 2700 6.0, or AK/ADMS 2300 6.0 or, for students with equivalent preparation, permission of the Chair of Nursing. Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for this course must be submitted with the signature of the supervisor indicating willingness to supervise. Permission of the Chair of Nursing is also required.

Note: Open only to students in the Post-RN B.Sc.N. programme.

AK/NURS 4510 3.0 Program Evaluation in Health Care Part II. An opportunity for students to further their knowledge of the methodology of program evaluation through practical experience in completing a program evaluation and assessing a program evaluation done by another student. (Same as AK/ADMS 4780 3.0)

Prerequisite: AK/NURS 3500 3.0/4500 3.0/AK/ADMS 3720 3.0/4770 3.0.

AK/NURS 4520 3.0 Pathophysiology for the Nurse Practitioner. Builds on knowledge of basic anatomy and physiology emphasizing pathophysiology relevant to advanced nursing practice. Students study pathogenesis, etiologies and clinical manifestations of diseases in adults and children commonly encountered in primary health care.

Prerequisite: Open only to Post-B.Sc.N. students in the Primary Care Nurse Practitioner Certificate.

AK/NURS 4530 3.0 Nurse Practitioner Roles and Responsibilities. Focuses on the examination of roles and responsibilities of the primary health care nurse practitioner in enhancing the health and health services of individuals, families and communities.

Prerequisite: Open only to Post-B.Sc.N. students in the Primary Care Nurse Practitioner Certificate.

AK/NURS 4540 6.0 Therapeutics in Primary Health Care. Focuses on the development of knowledge, skills and competencies required by nurse practitioners in management health and illness situations in primary health care. An emphasis is placed on advanced therapeutic counselling as well as pharmacologic and healing therapeutics.

Prerequisite: AK/NURS 2730 3.0 or equivalent. Open only to Post-B.Sc.N. students in the Primary Care Nurse Practitioner Certificate.

AK/NURS 4550 6.0 Advanced Health Assessment and Diagnosis. Focuses on the development of advanced health assessment, diagnostic reasoning and clinical decision-making skills for nurses in primary care. An emphasis is placed on the holistic health of individuals, families and communities.

Prerequisite: AK/NURS 2730 3.0 or equivalent. Open only to Post-B.Sc.N. students in the Primary Care Nurse Practitioner Certificate.

AK/NURS 4560 6.0 Nurse Practitioner Integrated Practicum. An intensive experience to foster the integration of theory and practice. It includes both seminars and clinical practice in a primary health care setting which may be urban, rural or semi-rural.

Prerequisite: Successful completion of all courses in a B.Sc.N. programme. Open only to Post-B.Sc.N. students in the Primary Care Nurse Practitioner Certificate.

AK/NURS 4700 6.0 Nursing in the Community. Focuses on the concepts, principles, and theories of community health with an emphasis on the nursing role in the health care system. The application of the theory base takes place in the practicum in selected community settings.

Prerequisite: 60 credits including AK/NURS 3010 3.0 and AK/NURS 3020 3.0, AK/NURS 3740 3.0 and AK/NURS 3300 3.0, or AK/NURS 2700 6.0, or AK/ADMS 2300 6.0, or for students with equivalent preparation, permission of the Chair of Nursing. Students **must** directly contact the course coordinator **60 days prior** to the start of the course to negotiate the practicum.

Note: This course is a one term course with a clinical practicum equivalent to 12 hours per week for 12 weeks. Open only to students in the Post-RN B.Sc.N. programme.

AK/NURS 4710 3.0 The Canadian Health Care System. The components of the Canadian health care system; roles played by governments, professional organizations; contemporary issues of cost control; organization and delivery of health services. (Same as AK/ADMS 4710 3.0)

Prerequisite: 72 credits. 1) For B.Sc.N. students AK/NURS 3300 3.0 or AK/NURS 2700 6.0; or 2) Other honours students AK/ADMS 2300 6.0 or a course in statistics and quantitative methods; or 3) Other students, 72 credits, and an overall average grade of "B" or better.

Note: Not open to students who have taken AK/ADMS 4710 3.0.

AK/NURS 4730 3.0 Consultation: Theory and Practice. Focuses on the concepts and theories of consultation with an emphasis on application in practice. Students have an opportunity to examine personal consultation styles and become familiar with current issues in consultation practice in health care settings.

Prerequisite: 1) For students in an honours program, 72 credits or permission of the Chair of Nursing; or 2) Other students, 72 credits and an overall average grade of "B" or better.

Note: Not open to students who have taken AK/ADMS 3130M 3.0.

AK/NURS 4740 3.0 Managerial & Leadership Competencies. Specifically designed to give students a "hands-on" application of key managerial/leadership competencies. It allows students to assess and understand their own managerial strengths and weaknesses and to develop a more well rounded repertoire of skills. (Same as AK/ADMS 4760 3.0)

Prerequisite: AK/NURS 3770 3.0 or AK/ADMS 3440 3.0 or for students with equivalent preparation, permission of the Chair of Nursing.

AK/NURS 4750 3.0 Current Issues for Health Care Professionals. Examines the concept of professionalism, the role of professional associations in the health care field, ethical and legal issues facing health care professionals, and current legislation governing health care professionals. (Same as AK/ADMS 4750 3.0)

Prerequisite: 60 credits.

Note: Not open to students in the Collaborative B.Sc.N. programme.

AK/NURS 4770 3.0 Leadership Development: Part II. Provides an in depth look at some of the key nursing management roles and functions required to manage human resources and to monitor and evaluate organizational, group, and individual effectiveness in a variety of health care settings.

Prerequisite: 60 credits including AK/NURS 3770 3.0, or for students with equivalent preparation, permission of the Chair of Nursing.

AK/NURS 4780 9.0 Advanced Nursing Science Practicum. The synthesis of practice, theory, insights and experiences from all other courses in the programme. The primary learning outcome is Nursing praxis which is the interrelationship and integration of theory and practice.

Prerequisite: 90 credits including AK/NURS 4700 6.0 (and its prerequisites). Students **must** directly contact the course coordinator **60 days prior** to the start of the course to arrange the practicum.

Note: This is a one term course with a clinical practicum equivalent to 20 hours per week for 12 weeks. Open only to students in the Post-RN B.Sc.N. programme.

AK/NURS 4790 3.0 (4790 6.0) Special Topics in Advanced Nursing Science. The instructor and subject of this course will vary from session to session.

A. Human Experience of Chronic Illness

- B. Seminar in Psychology of Death and Dying (same as AK/PSYC 4250 3.0)

Note: Open only to students in the B.Sc.N. programmes or for other students with permission of the Chair of Nursing.

AK/NURS 4800 3.0 (4800 6.0) Directed Reading. An independent reading course in which students select one or two areas for extensive reading and writing. Specific areas are to be selected in consultation with an appropriate faculty member.

Prerequisite: 60 credits including AK/NURS 3300 3.0, or AK/NURS 2700 6.0, or AK/ADMS 2300 6.0 or, for students with equivalent preparation, permission of the Chair of Nursing. Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for this course must be submitted with the signature of the supervisor indicating willingness to supervise. Permission of the Chair of Nursing is also required.

Note: Open only to students in the Post-RN B.Sc.N. programme.

PHILOSOPHY

AK/AS/PHIL 1000 6.0 Introduction to Philosophy. A full year introduction to the basic issues and classic writers in the Western philosophical tradition. Areas such as ethics, metaphysics, theory of knowledge, and logic will be surveyed by examining the writings of philosophers such as Plato, Aristotle, Descartes, Berkeley, Hume as well as more modern writers.

Note: Not open to students who have taken AK/PHIL 1400 6.0 or AK/PHIL 2410 6.0.

AK/PHIL 1002 6.0 Introduction to Law and Justice. We trace the development of philosophical thinking about law, justice and punishment, from its origins in classical Greek, Hebrew, and Roman thought, up to common law and civil law, and such modern theories as Mill's, Rousseau's, Burke's, Hegel's, and Marx's.

AK/AS/PHIL 1100 3.0 The Meaning of Life. This course is devoted to exploring a number of fundamental philosophical questions that make their way into everyday life, and that have the potential to make a real difference to how life is lived such as, happiness, death, wisdom.

AK/AS/PHIL 2010 3.0 Origins of Western Philosophy. The Ancient Greek philosophers are the origin of modern Western thought. How did they construe reality, knowledge, and humankind's relation to the world? Philosophers such as Heraclitus, Parmenides, Zeno and Democritus will be explored.

AK/AS/PHIL 2020 3.0 Descartes, Leibniz and Spinoza. The works of Descartes, Spinoza, and Leibniz are crucial building blocks of our contemporary understanding of the world. This course examines their work.

AK/AS/PHIL 2025 3.0 Locke, Berkeley and Hume. Locke, Berkeley and Hume manifested an approach to philosophy that emphasized sense experience and the development of all knowledge from it. This course explores this tradition and its impact on our current world view.

AK/AS/PHIL 2030 3.0 Analytic Philosophy. As modern theories of reasoning developed philosophy became more analytic. Philosophers analysed such crucial concepts as knowledge, truth, freedom and God. This course introduces the analytic philosophers' approach to such concepts.

AK/AS/PHIL 2040 3.0 Philosophy of Language. Language is our most basic means of communication and interaction. What is language? What are meanings? What are words and how do they mean? These are some questions in the philosophy of language.

AK/AS/PHIL 2050 6.0 Philosophy of Law. A. Crime and Punishment: What is the criminal law for? What should be prohibited and why? What excuses allowed? B. The concept of law: What is a law? What is a legal system? Positivism, realism, and Natural Law theories.

AK/AS/PHIL 2060 3.0 Social and Political Philosophy. This course examines several theories of social justice including utilitarianism, social contract theory, and natural rights. How do we distinguish between right and wrong? Good and evil?

AK/AS/PHIL 2070 3.0 Introductory Ethics. This course provides a basic introduction to the three main branches of moral theory. Normative, descriptive and theoretical ethics will be examined in order to develop a comprehensive ethical system.

AK/AS/PHIL 2075 3.0 Introduction to Practical Ethics. What is the relevance of ethics to real problems in social and economic life? What direction can ethics offer us with regard to such problems as abortion and medical and business dilemmas?

AK/AS/PHIL 2080 3.0 Perception, Knowledge and Causality. Does perception give us direct knowledge of material things? Can we know anything independently of experience (a priori)? Must all events have causes? Must the same causes always produce the same effects?

AK/AS/PHIL 2090 3.0 Introduction to the Philosophy of Religion. Can we prove God's existence or must we prove God directly? Is faith opposed to reason? Are miracles and revelations really possible? Do a mystic's claims count as knowledge?

AK/AS/PHIL 2100 3.0 Introduction to Logic. The difference between a sound and an unsound argument. Why we should bother to argue soundly. The distinction between arguing soundly and proving, and their relation to truth. Elementary treatment of symbolic logic.

AK/AS/PHIL 2110 3.0 Truth, Theory and Superstition. There are diverse views on how to improve one's understanding or to do research, even in the case of science. This course investigates the possibility of a method of science, and also recent contributions to its theory.

AK/AS/PHIL 2120 3.0 Existentialism. An introduction to some of the characteristic themes of this movement (the individual, being, the absurd, freedom, dread, etc.) that have been developed in the thought of Kierkegaard (theist), its originator, and of Sartre (atheist), its contemporary exponent.

AK/AS/PHIL 2130 3.0 Philosophy of Art and Literature. Is truth relevant to art? What connections are there between art and morality? Are aesthetic judgments purely subjective or is there an objective basis for them? What is the artist's role in society?

AK/AS/PHIL 2150 3.0 Introduction to the Philosophy of Education. Since we disagree about values, can we educate children morally without indoctrinating them? Are sociology and developmental psychology relevant to this problem? How is it connected with issues in scientific, sexual, religious and aesthetic education?

AK/AS/PHIL 2160 3.0 Mind and Body. The phenomenon of mind, its nature and development, viewed by psychology, biology, philosophy, and theology. The interaction of mind and body, and their integration in human action. Parallels between knowing and doing, thinking and acting, will be explored.

AK/AS/PHIL 2170 3.0 Freedom, Determinism and Responsibility. An investigation of different concepts of freedom, arguments for free will and determinism, people's responsibility for their actions and how it is adjudicated, the justification of punishment, and some related moral problems.

AK/AS/PHIL 2240 3.0 Introduction to Philosophy of Psychology. This course examines the philosophical assumptions and framework of psychology. What can we know about the mind, including the unconscious? How can we investigate and test a psychological theory?

Note: Not open to students who have taken AK/PSYC 2550 3.0, AS/PHIL 2240 3.0 or AK/PSYC 2550 6.0/AK/PHIL 2450 6.0.

AK/AS/PHIL 2250 3.0 Philosophy of Gender and Sexuality. An examination of some conceptual and normative questions about gender and the nature, forms and regulation of human sexuality.

AK/PHIL 2420 3.0 Human Nature. This course is an introduction to philosophy focusing upon traditional and contemporary views of human nature. For example, are we basically good or evil, rational or irrational, free or unfree, altruistic or egoistic?

AK/PHIL 2440 3.0 Introduction to the Philosophy of Society. This course is an introduction to philosophy focusing upon traditional problems about society, such as nature of society, nature of state, human rights, freedom and censorship, etc.

AK/PHIL 2440 6.0 Introduction to Political Thought. A survey of various central questions in social and political theory, using selections from major figures in the history of political thought.

Note: Not open to students who have taken AK/POLS 2440 6.0.

AK/AS/PHIL 2500 3.0 Introduction to Feminist Philosophy. This course is an introduction to core readings and concepts in feminist philosophy including, but not limited to, essentialism vs. non-essentialism, systemic and overt sexism, and key philosophical writings in feminist philosophy.

AK/PHIL 3000 3.0 (3000 6.0) Special Topics in Philosophy. The topic of this course varies from session to session.

- A. Ideology and Communication
- B. Philosophy of Literature
- D. Logic
- E. Philosophy of Science
- G. Philosophical Greek: the pre-Socratics
- H. Ethics and Intimacy
- J. Philosophies of Religion and Morality in Early Modern Philosophy (17th and 18th Centuries)
- K. Introduction to the Philosophy of Mathematics
- L. Computers and Philosophy: Issues in Artificial Intelligence
- M. Thinking About Women Through Art
- P. Philosophy of Refugees
- Q. Ethics and Social Work Practices (same as AK/SOWK 4200L 3.0)
- R. Women and Philosophy: Issues in Motherhood, Reproduction and Creativity (3.0)
- S. Hume
- T. Classical Chinese Philosophy (6.0)
- U. Aristotle (same as AS/PHIL 3950 3.0)
- V. Practical Ethics (same as AS/PHIL 3025 3.0)
- W. Professional Ethics in Health Care (3.0)
- X-Z. Others

AK/PHIL 3020 3.0 Ethics. A study of different types of ethical systems represented by major figures in the history of moral philosophy from the seventeenth century to the early twentieth century such as Hobbes, Butler, Hume, Kant, Mill, Moore and Ayer.

AK/AS/PHIL 3030 3.0 Metaphysics. Metaphysics concerns such issues as the nature of reality, the existence of contingent and necessary truths, universals, perception and the nature of the external world.

AK/AS/PHIL 3035 3.0 Knowledge and Reality. Theories of knowledge, epistemology, will be examined in relation to theories of reality. How does our perception of reality relate to our understanding of it? How can we come to know something is true or false?

AK/PHIL 3080 3.0 Philosophy of Kant. For the chief question is always simply this: what and how much can the understanding and reason know apart from all experience?" Kant's answer revolutionized philosophy. It is given in the Critique of Pure Reason, which will be studied in detail.

AK/AS/PHIL 3095 3.0 Philosophy of Religion. How do theistic philosophies deal with the fact of evil? Is religious language and forms of knowing distinct from other forms? What are the moral and ethical issues inherent in religious propagation?

AK/AS/PHIL 3100 3.0 Classical Logic. This course is intended to provide a mastery of logical techniques and an understanding of proof, logical consistency, completeness, and axiomatic method within the framework of classical two-valued logic.

AK/AS/PHIL 3101 3.0 Philosophy of Logic. This course studies issues relating the study of symbolic logic to ordinary language, including the nature of truth, the nature of sentences vs. propositions, semantics for natural language (the Liar paradox, descriptions, reference, demonstratives) syntactical conceptions of inference vs. semantic conceptions.

AK/AS/PHIL 3105 3.0 Deviant Logics. An exploration of several systems of non-standard logic including modal logic, many-valued logic, and relevance logic. The deductive structure, consistency and completeness of the systems will be explored.

AK/AS/PHIL 3110 3.0 Political Philosophy. The major contemporary theories of moral justification applied to these two fundamental questions of politics and economics: Is a state (instead of anarchy) morally justified? Is private (instead of communal) property morally justified?

AK/AS/PHIL 3120 3.0 Early Existentialism. A detailed study of the early existentialist thinkers such as Pascal and Kierkegaard. Emphasis is on their views concerning knowledge and faith, God and humankind, freedom and self-deception.

AK/AS/PHIL 3125 3.0 Contemporary Existentialism. The views of such recent philosophers as Sartre, Camus, Nietzsche, and de Beauvoir have had a great impact on contemporary society. This course will explore their views on self, freedom, action and personal relations.

AK/AS/PHIL 3140 3.0 Russell and Logical Positivism. The contribution of Bertrand Russell is extensive. This course examines his philosophy along with that of the early Wittgenstein and the Vienna Circle Positivists such as Carnap, Schlick and Ayer.

AK/AS/PHIL 3145 3.0 Wittgenstein's Philosophical Investigations. A critical examination of the philosophic writings of the later Wittgenstein through an examination of his most crucial work, The Philosophical Investigations.

AK/PHIL 3150 3.0 Philosophy of Education. Selected problems in educational theory and practice examined in depth; aims and criteria of education; teaching and training; knowledge, understanding, and the curriculum; needs, interests, and motivation; moral and emotional education; art and education.

AK/AS/PHIL 3170 3.0 Philosophy of Science. Intermediate level. Theories; Induction; demarcation; growth of knowledge; elementary probability.

AK/AS/PHIL 3200 3.0 Philosophy of Language. What is the nature of language? When is a statement meaningful? What is it that conveys meaning, and how is it done? Questions of truth, necessity and understanding will be explored.

AK/AS/PHIL 3260 3.0 Philosophical Psychology. The course considers recent philosophical writings in the area of philosophy of psychology. Discussion revolves around issues for clarification, mistaken analogies in reflection about psychology, and the implications for clarification to be derived from the work of Wittgenstein.

AK/PHIL 3270 3.0 Philosophy of Social Science. Introductory and intermediate level. The pro- and anti-naturalist debate; scientism, functionalism; rationality.

Recommended: AK/PHIL 2100 3.0, AK/PHIL 2110 3.0, AK/PHIL 3170 3.0.

AK/AS/PHIL 3280 3.0 Mind and Nature: The Philosophy of Biology. This course concerns philosophical issues arising from the life sciences, in particular evolutionary theory and neuroscience. Topics examined may include: What is it that makes something living? What does the Darwinian theory of evolution mean for the understanding of human nature? Are religion and the theory of evolution compatible or irreconcilable?

AK/AS/PHIL 3300 3.0 Reader and Author. What is involved in understanding a text? This course exposes the problems and complexities of understanding texts written at some historical distance from our own times that yet remain culturally vital.

AK/PHIL 3410 6.0 Greek Philosophy. A critical analysis of the development of several themes from the pre-Socratics through the Stoics. Primary emphasis is placed upon Plato and Aristotle.

AK/PHIL 3420 6.0 Modern Analytic Philosophy. The course will examine the development of analytic philosophy from 1900 concentrating on articles and books by Moore, Russell, the "Logical Positivists," Wittgenstein, and Austin.

AK/PHIL 3440 6.0 Mediaeval Philosophy. This course will present a selection of the problems and approaches found in the philosophy of representative thinkers of the mediaeval period. An examination of specific questions in metaphysics, epistemology or ethics will be treated both systematically and historically.

Note: Not open to students who have taken AK/HUMA 3450 6.0.

AK/PHIL 3450 6.0 Modern Chinese Philosophy. This course will begin with an introduction to major modes of thought in traditional China. The major part of this course, however, will be devoted to studying contemporary Chinese philosophy with special emphasis on the philosophy of Mao.

AK/PHIL 3500 6.0 Philosophical Issues in the Natural Sciences. The nature and methodology of the natural sciences will be studied by examining such topics as truth, causality, discovery, proof, fact, theory and models; and will conclude with the consideration of moral problems arising from the application of science in the modern world.

AK/PHIL 3501 6.0 Philosophy and Feminism. This course studies the history of feminist philosophical thought about the place women are to occupy in a man's world, and examines some contemporary feminist writings on reason, morality, scientific methodology, and/or political theory. (Same as AS/PHIL 3500 6.0)

Note: Not open to students who have completed AK/PHIL 3000R 3.0 or 3000R 6.0.

AK/PHIL 3520 6.0 Philosophy of Art. The course focuses upon one of the essential problems for artists and art theoreticians; the relationship between art and art theory. From this perspective conceptions about art developed by both artists and theoreticians will be compared with the artistic experience and works of art in an attempt to find a common ground for both.

Note: Not open to students who have taken AK/FA 3100 6.0 or AS/PHIL 3990D 6.0.

AK/PHIL 3530 6.0 Philosophy of Law. A critical examination of some major concepts found in the law. Possible topics include rights, duties, responsibility, voluntary action, causation, punishment, law and morality, justice, the rationale for a legal system, and the concept of law itself. Sources will be both historical and contemporary. (Same as AS/PHIL 2050 6.0)

Note: Credit for this course may not be received in addition to the course formerly entitled AK/PHIL 3530 6.0: Social Philosophy and Philosophy of Law.

AK/PHIL 3560 3.0 Business Ethics. This course examines the philosophical and moral presuppositions of corporate enterprise and the ethical dilemmas which arise in business practice. It provides practical as well as theoretical tools for case analysis.

Note: Counts as a major course in a B.A.S. programme. Not open to students who have taken AK/PHIL 3000C 6.0, AK/PHIL 3430 6.0 OR AK/PHIL 3540 6.0.

AK/PHIL 3570 3.0 Ethics of Administration. This course examines the ethical basis of professional administration for both the public and private setting. It looks at ethical dilemmas encountered by the administrator or manager and provides techniques for their resolution.

Note: Counts as a major course in a B.A.S. programme. Not open to students who have taken AK/PHIL 3000C 6.0, AK/PHIL 3430 6.0 or AK/PHIL 3540 6.0.

AK/PHIL 3580 6.0 Historical Theory and Method. The study of the nature of historical explanation employing case studies from historians and philosophers. (Same as AK/HIST 3120 6.0)

Note: Not open to students who have taken AK/HIST 3320 6.0.

AK/PHIL 3590 6.0 Contemporary Social Philosophy. Examines the philosophical assumptions underlying proposed solutions to selected social crises in the international and domestic arena, such as, religious militancy, nationalism, secession, civil war, immigration and refugee flows, racism, sexism, welfare, health care reform, euthanasia. (Same as AK/SOSC 3360G 6.0)

AK/PHIL 3600 6.0 Health Ethics. This course addresses ethical concerns of health care. It examines the nature of an ethic for health professionals, various moral dilemmas arising in medical practice, and the ethical foundations of health-care systems.

AK/PHIL 3610 3.0 Ancient Philosophy. This course involves a careful reading from selected texts in ancient philosophy. Writings are drawn from the Pre-Socratics, Plato, Aristotle, and others. (Same as AS/PHIL 3600 3.0)

AK/PHIL 3615 3.0 Language and Meaning. Modern theories of meaning include research into the underlying structure of language and how it relates to questions of truth, translation and our ability to communicate. (Same as AS/PHIL 3205 3.0)

AK/PHIL 3620 6.0 Early Modernism. The Empiricists and Rationalists include such eminent philosophers as Hume, Descartes, Berkeley, and Locke, among others. This course examines selected readings from one or more representatives of each tradition.

AK/PHIL 3630 6.0 Mind and Action. The course will be concerned with current problems in the philosophy of mind and action. Among the topics to be discussed will be the analysis of cause, reason, intention, will, mental acts, sensations, emotions, imagination, dispositions and self-knowledge.

Note: It is advisable for students to have successfully completed at least one other Philosophy course before registering in AK/PHIL 3630 6.0.

AK/PHIL 3635 3.0 Philosophical Psychology. The course will consider recent philosophical writings in the area of philosophy of psychology. Discussion will revolve around issues for clarification,

mistaken analogies in reflection about psychology, and the implications for clarification to be derived from the work of Wittgenstein. (Same as AS/PHIL 3260 3.0)

AK/AS/PHIL 3640 3.0 German Philosophy. German philosophy has had a profound impact on Western philosophy. In this course philosophers such as Hegel, and Husserl to mention but two, are examined in some detail. (Same as AS/PHIL 3640 3.0)

AK/PHIL 3670 6.0 Current Issues in Phenomenology. Phenomenological methodologies are used to clarify such areas of study as the body, nature, environmentalism, human relations, politics, feminism, culture and technology. Readings are chosen from Husserl, Heidegger, Merleau-Ponty, Sartre, Levin, Derrida, Benjamin and Foucault.

AK/PHIL 3690 3.0 Post-Modernist Philosophy. An examination of the works of philosophers identified with the Post-Modernist critique of culture and philosophy; for example, Derrida, Deleuze, Foucault, Rorty, Irigaray, Heidegger, Baudrillard and Kristeva. (Same as AS/PHIL 3990A 3.0)

Note: Not open to students who have taken AK/PHIL 3690 6.0 or AK/PHIL 4030G 6.0.

AK/PHIL 3750 6.0 History of Indian Philosophy. A selection of the major schools of thought developed over five thousand years in India. The historical survey includes the Vedic and Epic periods, the heterodox and orthodox systems, the southern Saivism and contemporary thinkers.

AK/PHIL 3770 3.0 Abortion and Persons. This course examines those arguments in the philosophical literature that argue for or against abortion by determining criteria for personhood and then applying such criteria to fetuses.

AK/PHIL 3770 6.0 Environmental Philosophy and Ethics. Environmentalism and ecology are examined ontologically (what is the human and the natural) and ethically (how should we relate individually, politically, economically and scientifically with animals, vegetation and the inorganic world).

Note: Not open to students who have taken AK/PHIL 3000V 3.0.

AK/PHIL 3774 3.0 Bioethics. Bioethics examines the ethical dimensions and implications of recent issues arising in biology and biomedicine from a macro and micro perspective with special emphasis on the ethical dimensions of policy decisions and a multicultural context.

AK/PHIL 3990 3.0/6.0 Related Topics. In any given year an additional number of courses may be offered. Information concerning these are available at the Departmental Office.

AK/PHIL 4029 3.0 (4029 6.0) Related Topics in Philosophy. Treatment of related topics in philosophy.

- A. Philosophy of Film

AK/PHIL 4030 6.0 Honours Seminar. The specific topic for this seminar will vary from year to year. Students wishing to enrol are to contact the Chair of Philosophy.

- A. The Philosophy of Plato
- B. Problems in Professional Ethics
- C. Advanced Topics in Philosophy of Art
- D. Problems in the Philosophy of Mind
- E. Philosophy and Psychoanalysis
- G. Contemporary French Philosophy
- H. Philosophy of Wittgenstein
- J. Topics in Professional Ethics
- K. Philosophical and Ethical Issues in the Mass Media (same as AK/ADMS 4295 6.0 and AS/PHIL 4220D 6.0)

- L. Heidegger's Reading of Nietzsche

- M. Merleau-Ponty and the Body

- N. Philosophy and Language

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Philosophy.

AK/PHIL 4040 6.0 Honours Thesis. Students may write an Honours Thesis for course credit in their area of concentration in Philosophy.

Prerequisite: Permission of the Faculty Supervisor and the Chair of Philosophy.

AK/PHIL 4050 3.0 Special Topics in Philosophy. The instructor and subject matter of these seminar courses will vary from session to session.

- A. Hegel's Phenomenology (same as AS/PHIL 4010D 3.0)

- B. Topics in Existentialism (same as AS/PHIL 4120 3.0)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Philosophy.

AK/PHIL 4100 3.0 (4100 6.0) Directed Reading. Students will do intensive reading and writing in one or two selected areas. Specific areas are to be selected in consultation with members of the Philosophy Programme.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Philosophy.

Note: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such a course must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Department Chair is also required.

POLITICAL SCIENCE

AK/POLS 2410 6.0 Introduction to the Study of Politics. An introductory examination of various approaches to the study of politics. While the course seeks to develop a broad basis from which to pursue further political inquiry, particular emphasis will be placed on the power relations originating out of and sustaining major economic processes, especially in a Canadian context. (Same as AS/POLS 1000 6.0)

Note 1: Students are strongly urged to fulfil the 1000 level Social Science requirement prior to enrolling in AK/POLS 2410 6.0. The two courses may, however, be taken concurrently.

Note 2: This course is required for Political Science Majors.

AK/POLS 2430 6.0 Issues in Canadian Politics. An introduction to the study of politics through an examination of various aspects of the Canadian political system. The course will focus upon the traditions and ideas of Canada's major political parties as well as on their roles in the contemporary Canadian federal system.

AK/POLS 2440 6.0 Introduction to Political Thought. A survey of various central questions in social and political theory, based on selections from the writings of major figures in the history of political thought. (Same as AK/PHIL 2440 6.0)

Note: This course is required for Political Science majors.

AK/POLS 2460 3.0 Government and Politics-the European Experience. A study of political institutions and ideas focusing, in particular, on Britain, Germany and France.

AK/POLS 2470 3.0 Government and Politics-the North American Experience. A study of political institutions and ideas in Canada and the United States.

AK/POLS 2480 6.0 Power Politics and the World Order. This course offers a brief survey of the major contemporary international issues and conflicts. It examines the role of the major powers, international organizations and conflicting ideologies. Issues include underdevelopment, imperialism and ecological destruction.

AK/POLS 3209 3.0 (3209 6.0) Related Topics in Political Science. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

- A. Psychology and Politics (6.0)
- B. Canada and World Affairs (3.0)
- C. Global Issues in Foreign Policy (3.0) (same as AS/POLS 3230 3.0)
- D. Political Economy of the Asian-Pacific Region (6.0)
- E. Moral Issues in Law and Politics (3.0)
- G. Law and Society: Legal Institutions and Social Justice (same as AS/SOSC 2350 6.0 and AK/SOSC 3209A 6.0)
- H. Election Campaigns in Canada (same as AS/POLS 3155 3.0)
- J. War and Peace in the Middle East (same as AS/POLS 3260 6.0)
- K. Political Parties in Canada (same as AS/POLS 3150 3.0)
- L. Government and Business in Canada (formerly AS/POLS 3000B 3.0), (same as AS/POLS 3145 3.0)

AK/POLS 3320 3.0 (3320 6.0) Special Topics in Political Science. The subjects of these courses vary from session to session.

- E. Conservatism, Liberalism and the Ideology of the New Right
- J. The Canadian Judicial Process
- M. Politics and the Mass Media (6.0)
- P. The Politics of Aboriginal Peoples: From Land Claims to Sovereignty
- S. Canada's Constitutional Crisis
- T. The Politics of Nationalism

AK/POLS 3330 3.0 The Business of Government in Canada. Analyses the relationship between the various levels of government in Canada and the business community with special emphasis on how international and national political and economic structures affect this relationship.

AK/POLS 3400 6.0 North American Integration: Adjusting to Free Trade. The signing of the Canada-U.S. Free Trade Agreement and NAFTA marks a new era in North American economic and social integration. This course will examine its far-reaching consequences on government policy, the private sector, industrial restructuring, the service economy as well as on social movements.

AK/POLS 3405 6.0 Politics and Law. Examines the growing importance of the legal system in Canadian politics, exemplified by the Canadian Charter of Rights and Freedoms. The focus will be on the question of the democratic character of this change and what it means for politics to take this form.

AK/POLS 3410 6.0 The Politics of Public Administration and Public Policy in Canada. Examines the creation and implementation of public policy in Canada. Focuses on the competition between social actors for influence over the policy agenda, the processes through which competing interests are mediated within the bureaucracy, and the politics of policy implementation and of public service delivery.

AK/POLS 3420 6.0 Canadian Government and Politics. An analysis of the Canadian political system, emphasizing the relationship between environment and political heritage, the changing character of Canadian federalism, and the dynamics of the political process.

Note 1: Same as AS/POLS 2100 6.0 or GL/POLS 2540 6.0.

Note 2: This course is required for Political Science majors.

AK/POLS 3430 6.0 Government and Politics of the United States. An examination of the political process in the United States emphasizing its socio-economic environment and dominant ideology. Class, sex and race will be given particular attention.

AK/POLS 3440 6.0 Government and Politics of Russia and Eastern Europe. A study of the governmental process and its ideological and historical bases in Russia and selected East European countries.

AK/POLS 3460 3.0 Latin America: Development and Underdevelopment. Examines the nature of politics in the region as a whole and in specific countries. Focuses upon the region's historical economic dependence upon metropolitan countries and the emergence of new political forces and institutions in response to changes in its socio-economic structure.

Note: Not open to students who have taken AK/POLS 3460 6.0.

AK/POLS 3470 3.0 English-speaking Caribbean: Development and Underdevelopment. Examines the nature of politics in the region as a whole and in specific countries. Focuses upon the region's historical economic dependence upon metropolitan countries and the emergence of new political forces and institutions in response to changes in its socio-economic structure.

Note: Not open to students who have taken AK/POLS 3460 6.0.

AK/POLS 3480 6.0 Government and Politics of Metropolitan Toronto. A study of the political systems of metropolitan areas, their structure and operation, their interaction with higher levels of government and their effectiveness in dealing with some major problems of rapid urbanization. Metropolitan Toronto will be used as the focus of study.

AK/POLS 3490 6.0 Political Thought in the Modern Age. A study of the origins of conservative, liberal and socialist political theories, and their evolution in the twentieth century.

AK/POLS 3520 6.0 The Government and Politics of the New Europe. This course analyzes the contemporary transformation of Europe. It examines the government and politics of the major European states and the emergence of the European community as a new global force. (Same as GL/POLS 3210E 6.0)

AK/POLS 3550 6.0 Politics and Literature. An analysis of major literary works reflecting various aspects of the political process. The course will deal with the connection between literature and politics in a variety of ways. Literature will be viewed as a reflection of prevailing political ideologies, as propaganda, as political satire and as political criticism.

Note: Not open to students who have taken AK/EN 3000H 6.0 or AK/HUMA 3605P 6.0.

AK/POLS 3570 6.0 Organizational Practice and the State. Professional interests, decision-making, and social policy in Canada and other modern states are discussed in relation to institutions such as families, schools, health care, and the criminal justice system. Changing attitudes towards "welfare," social services, and the Welfare State are examined. (Same as AK/SOCI 3570 6.0)

AK/POLS 3580 6.0 The Political Economy of Canada. This course will study the major approaches to the Political Economy tradition in Canada. Special attention will be paid to the state, the growth of classes, the trade union movement, Quebec culture and the influence of the U.S. on the development of Canadian capitalism. (Same as AK/SOCI 3390U 3.0)

Note: Not open to students who have taken AK/CDNS 3020 6.0.

AK/POLS 3600 6.0 Peasants and the State. Peasant economy, culture and politics, examined with special attention to the impact of slavery and colonialism, production for the market, migration, women's roles, labour discipline and the state. (Same as AK/SOCI 3640B 6.0)

Note: Not open to students who have taken AK/SOCI 3460 6.0.

AK/POLS 3630 6.0 International Politics: The Foreign Policy Process. This course is designed to place general concepts such as power, territoriality, national interest, war, imperialism, etc., in a theoretical framework, and then apply them to an analysis of several international conflict situations during the last decade.

AK/POLS 3650 6.0 Government and Politics of China. This course surveys the political origins of modern China, the theory and practice of Maoism and post-Maoist development in contemporary China.

AK/POLS 3690 6.0 Public Policy and the Politics of Equality. Focuses on the policy response to equality-seeking groups as politically active and significant constituencies, including women, people of colour, people with disabilities, the poor. Examines the policy demands of these constituencies, their organizational resources and strategies, and their impact on the development and implementation of policy. (Same as AK/SOCI 3640J 6.0)

AK/POLS 3700 6.0 The Politics of the Global Economy. Provides an introductory overview of the politics of global economic relations with special attention being given to the management of economic interdependence, the role of multinational enterprises, the international division of labour, and the finite resources question.

AK/POLS 3730 6.0 Gender, Sex and Power. The social construction and political regulation of gender and sexuality is a central concern of capitalist and non-capitalist states. This course will examine how male economic interests and social privileges, together with the hegemony of masculine and heterosexist values in politics, are secured.

AK/POLS 3740 6.0 Work and Employment in the Global Economy. This course examines the dramatic changes in work and employment practices, new production processes and increased capital mobility against the background of the emerging global economy. Special emphasis is given to the future of women's employment, state policy and collective bargaining. (Same as AK/SOCI 3390R 6.0)

AK/POLS 3750 3.0 Canadian Foreign Policy. An examination of Canada's external policies both as an extension of domestic policies abroad and as a reaction to external stimuli. Primary emphasis is on Canada-U.S. relations with particular attention to their socio-economic bases.

AK/POLS 3770 6.0 Social Policy and the State: Canada's Welfare State. This course examines the development and formation of social policy in Canada by analyzing the political, economic, social, and administrative aspects of the welfare state. (Same as AK/SOCI 3390S 6.0)

AK/POLS 3780 3.0 (3780 6.0) Selected Topics in Political Science. In any given session, one or more of the following courses may be offered under this rubric.

- A. Women in Political Theory (formerly AK/POLS 3760 6.0)
- B. Ancient and Early Modern Theory (formerly AK/POLS 3540 6.0)

AK/POLS 3790 6.0 Women, Political Parties and Political Organization. This course examines the ways in which political parties and the political system have addressed gender issues in society. The course will focus on women's participation in political parties, voting patterns and the emergence of women as an organized political constituency in Canada.

AK/POLS 4000 3.0 (4000 6.0) Directed Reading. A detailed independent study of the student's own choosing involving intensive reading and writing in one or two selected areas. Specific areas are to be selected in consultation with individual members of the Political Science Faculty. Students registered in AK/POLS 4000 6.0 are required to submit a major paper of no less than 10,000 words in length, or its equivalent.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

Note: Students must be accepted by a faculty supervisor before they can register in 4000 level Directed Reading courses. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Department Chair is also required.

AK/POLS 4060 6.0 Colonialism and Development. A comparative introduction, at the more advanced level, to social struggle and change in countries subject to colonial domination, with particular attention to cultural issues and to forms of contestation involving 'race' and racism, sexuality and gender, and social class. (Same as AK/SOCI 4060 6.0)

Prerequisite: a) Sociology majors: 78 credits including AK/SOCI 2580 6.0 and AK/SOCI 2800 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology; b) Students in Certificate in Anti-Racist Research and Practice: AK/SOCI 2580 6.0 and a course under AK/SOCI 3890 6.0.

AK/POLS 4100 6.0 Government and Politics of Ontario. Examines the operation of the governmental system and the political process in the Province of Ontario. Some attention will be given to a comparison with other provincial systems and to federal-provincial relations in general.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4109 3.0 (4109 6.0) Related Topics in Political Science. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

- A. Foreign Policy in Theory and Practice (3.0)
- B. Foreign Policy of the United States (3.0)
- C. Revolutions in Science and Politics: from Galileo to the Greens (6.0) (same as GL/POLS/NATS 4630E 6.0)
- D. Provincial and Municipal Government in Ontario (same as AS/POLS 4650 3.0; formerly AS/POLS 4000L 3.0)

Prerequisite: According to the course offered.

AK/POLS 4120 6.0 Political Leadership in Canada. A study of the psychological, sociological and institutional aspects of leadership. Special emphasis will be placed on examining the prime ministerial tradition, analyzing its role, and assessing the contributions of various Prime Ministers to Canadian politics.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4130 6.0 The Crisis of Governance in Liberal Democracies. A seminar examining the restructuring of government under neo-conservative administrations in key western liberal democracies. The principal focus will be on Canada, the United States and Great Britain but other European countries and Australia and New Zealand will also be examined.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4140 3.0 (4140 6.0) Special Topics in Political Science. The instructor and subject of these seminar courses will vary from session to session.

- A. The Judiciary in Comparative Perspective (6.0)
- B. The Ideology of the New Right (3.0/6.0)

C. Elections and Political Parties in Canada (3.0)

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4150 3.0 Socialism and Social Democracy: An Historical Perspective. Examines the history of socialism and social democracy, in theory and practice, through the nineteenth century and into the first half of the twentieth century.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4160 3.0 Socialism and Social Democracy: Present and Future. Examines the present strengths and weaknesses of socialist and social democratic movements, parties and governments in a global context; seeks to assess their future prospects in a world dominated by market philosophies and practices.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4170 6.0 Research Seminar in the Political Economy of Canada. A research seminar designed to provide students with a background in political economy an opportunity to pursue more advanced study into specific areas in the field.

Prerequisite: 78 credits including AK/POLS 3580 6.0 or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4180 6.0 Research Seminar in International Political Economy. Advanced study of the actors, processes and issues in the politics of international economic relations. Special emphasis is placed on the role of multinational corporations, contemporary imperialism, evolving world trade patterns, and the international division of labour.

Prerequisite: 78 credits including AK/POLS 3580 6.0 or AK/POLS 3700 6.0 or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4190 6.0 Contemporary Issues in Political Theory. Examines some of the central issues in political theory at the present time and the major theoretical assumptions behind contemporary political practice. Topics will include the theory and the practice of the state; the nature of ideology; the status of conservative, socialist and liberal theories, with special emphasis on the liberal theory of justice and the relationship between the market and socialism.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4200 6.0 Advanced Public Policy Analysis. An in-depth analysis of specific areas of public policy chosen to reflect current public debates. The primary focus is on Canada, but comparisons with other countries are made where useful to understanding the policy process in Canada.

Prerequisite: 78 credits including AK/POLS 3410 6.0 or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4210 6.0 Flexible Specialization and the Global Trade Imperative. Examines the new theoretical writing and research on trade, development, labour market strategy and industrial policy using a comparative perspective. Special attention will be paid to Canadian and American responses to economic restructuring and the new institutional arrangements for women, labour and business.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

AK/POLS 4220 6.0 Theories of Revolution. Examines theoretical attempts to define and analyse revolutions, their causes and outcomes.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Political Science.

PSYCHOLOGY

2000 Level Courses

AK/PSYC 2410 6.0 Introduction to Psychology. An examination of basic issues in the study of behaviour and experience, including: history, statistics, research methods, biological bases of behaviour, motivation, emotion, learning, sensory processes, perception, memory, cognition, development, social behaviour, intelligence, assessment, personality, abnormal behaviour, and psychotherapy.

AK/PSYC 2510 3.0 Basic Statistical Methods. An introduction to the statistical techniques employed by the behavioural scientist. The essentials of descriptive and inferential statistics are covered. An elementary knowledge of mathematics, including algebra, is necessary.

Prerequisite: Students wishing to take this course are required to pass a basic numeracy test. Details regarding the administration of this test are available from the Psychology Department office.

Note 1: To be taken concurrently with or after AK/PSYC 2410 6.0.

Note 2: Not open to students who have taken AK/PSYC 2520 6.0 or AK/PSYC 3500 6.0.

AK/PSYC 2530 3.0 Research Methods and Laboratory. An introduction to the experimental methods used by psychologists in the study of behaviour and to the application of these methods in the study of human behaviour. Lectures and laboratories.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors) and AK/PSYC 2510 3.0.

Note: Not open to students who have taken AK/PSYC 2520 6.0 or AK/PSYC 2540 3.0.

3000 Level Courses: 3100 3.0 Series Core Courses

AK/PSYC 3110 3.0 Intermediate Statistical Methods. An intermediate course in statistical techniques employed by the behavioural scientist. The emphasis of the course is on linear models for regression and analysis of variance.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors) and AK/PSYC 2510 3.0.

Note: Not open to students who have taken AK/PSYC 3010 3.0 or AK/PSYC 3500 6.0.

AK/PSYC 3115 3.0 Psychological Measurement. This course explores some fundamental questions regarding quantification in psychology and describes the essentials of psychometrics. Course includes development and construction of tests of ability, personality, interests and achievement, and the statistical methods used in test development and validation.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors) and AK/PSYC 2510 3.0.

Note: Not open to students who have taken AK/PSYC 3440 6.0.

AK/PSYC 3120 3.0 Sensation and Perception. An introduction to the phenomena, research methods, findings, and theories of sensory processing and perception. The major emphasis is on vision, but audition, balance, proprioception and sensorimotor coordination are usually also covered.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3560 6.0.

AK/PSYC 3130 3.0 Memory. An examination of how humans encode, store, and retrieve information from memory. Although the course focuses on data from laboratory studies and their theoretical interpretation, some consideration is given to applied aspects of human memory.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3570 6.0.

AK/PSYC 3135 3.0 Cognition. A survey of higher-order cognitive processes in humans. The course includes the study of problem solving, concept formation, deductive reasoning, thinking, memory for text, language comprehension, and schemas and scripts.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3570 6.0.

AK/PSYC 3140 3.0 Animal Behaviour. A general introduction to the comparative study of the evolution and development of animal behaviour, including animal learning, sociobiology, the ecology of animal behaviour, ethology, and the study of instincts.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3550 6.0.

AK/PSYC 3145 3.0 Biological Bases of Behaviour. An introduction to the physiological basis of behaviour and the biological processes underlying the expression of both normal and abnormal behaviour. Issues such as the organization and functioning of the nervous system, and the physiological bases of learning and motivation, are covered.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3550 6.0.

AK/PSYC 3150 3.0 Learning. The course includes (a) an examination of various theoretical approaches to the study of learning, primarily in the areas of classical and instrumental learning, and (b) a survey of empirical studies of human and non-human learning and the application of basic concepts to real-world examples.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3600 6.0.

AK/PSYC 3155 3.0 Motivation. This course deals with the activation and direction of behaviour in human and non-human animals and includes a discussion of concepts such as instinct, emotion, drive, incentive, social motives, and cognitive motives.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3610 6.0.

AK/PSYC 3180 3.0 Intermediate Research Methods and Laboratory. Students design experiments in a variety of areas of psychology. Data are collected or generated, analyzed and written up in the form of a research report. Issues related to the research enterprise (e.g. research ethics, computerized literature searches, report writing, etc.) are covered as required.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors); AK/PSYC 2510 6.0; AK/PSYC 2530 3.0.

3000 Level Courses: 3200 3.0 series core courses

AK/PSYC 3210 3.0 Social Psychology. This course reviews the theories, methods, and empirical evidence in the scientific study of human social behaviour. The aim is to elucidate social psychological processes through the examination of areas such as attribution, attitudes, stereotyping, and applied social psychology.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken or are taking AK/PSYC 3380 6.0, AK/PSYC 3390 6.0, or AK/PSYC 3700C 3.0.

AK/PSYC 3215 3.0 Abnormal Psychology. A discussion of the nature, causes, and treatment of a number of behaviour disorders including anxiety problems, personality disorders, substance abuse, affective disorders, organic brain disorders, and schizophrenia.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3490 6.0.

AK/PSYC 3220 3.0 Personality. The course examines the major theoretical approaches to personality functioning, with a focus on the description of the factors contributing to the development, structure and dynamics of personality.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3430 6.0.

AK/PSYC 3230 3.0 Organizational Psychology. An examination of current theories, problems and practices in organizational psychology. The course includes the study of motivation and work, group dynamics, leadership and management, organizational design, communication, systems simulation, and the assessment of human performance.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3530 6.0 or who have taken or are taking AK/ADMS 3440 3.0 or AK/ADMS 3450 3.0.

AK/PSYC 3240 3.0 Developmental Psychology. The course considers physical, intellectual, emotional, and social development from birth through adolescence and the impact of the interaction of these various aspects of development upon the individual as a whole.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3410 6.0.

AK/PSYC 3245 3.0 Educational Psychology. The application of theories and evidence from psychology to the process of education. The course includes the study of the nature and measurement of intelligence, cognition and memory, motivation in the classroom, behaviour modification, and humanistic perspectives in education.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3580 6.0.

AK/PSYC 3250 3.0 The Psychology of Language. A survey of psychological theory and research on the function, development and use of language. The course includes the study of the acquisition of language and grammar, the nature of meaning, bilingualism, the relation of linguistic processes to cognition, and some pathological linguistic behaviours.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3470 6.0.

AK/PSYC 3260 3.0 History and Systems of Psychology. This course examines the discipline of psychology from a historical perspective and studies the emergence and development (and sometimes decline) of a number of theoretical systems that have influenced the nature, content and direction of psychological inquiry.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

Note: Not open to students who have taken AK/PSYC 3540 6.0.

AK/PSYC 3290 3.0 The Psychology of Death and Dying. This course considers issues and topics in thanatology including sociocultural influences on our understanding of death, care of the dying, and medical

ethics. It examines research and theory in aging and illness, adjustment to life-threatening conditions, and grief reactions. (Same as AS/SC/PSYC 3560 3.0)

Prerequisites: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

3000 Level Courses: 3700 3.0 Series Selected and Special Topics

AK/PSYC 3700 3.0 Selected Topics in Psychology. Each year the Department offers a selection of courses in more specialized areas of psychology. Many of these are offered on a regular basis. In general, they reflect the special interests and expertise of the faculty and current issues and problems. Among the courses we expect to offer are:

- A. Creativity (formerly AK/PSYC 3620 6.0)
- B. Community Psychology (formerly AK/PSYC 3660 6.0)
- C. Social Psychology: An Interdisciplinary Approach (formerly AK/PSYC 3390 6.0)
- D. Aging and Human Development (formerly AK/PSYC 3480D 3.0)
- E. The Psychology of Women (formerly AK/PSYC 3480E 3.0) (same as AK/SOCI 3390V 3.0)
- G. Vocational Guidance (formerly AK/PSYC 3670 6.0)
- H. The Psychology of Individual Differences (formerly AK/PSYC 3450 3.0)
- J. The Psychology of the Family (formerly AK/PSYC 3520 6.0)
- K. Computers in Psychology (formerly AK/PSYC 3050 3.0)
- L. Psychology of Music (formerly AK/PSYC 4160 3.0)
- M. Applied Vocational Guidance (formerly AK/PSYC 3900 3.0)
- N. Psychology of Sexual Orientation (formerly AK/PSYC 3750 3.0) (same as AK/SOCI 3390W 3.0)

Proposed courses under this rubric will be announced by the Department in the Spring of each year.

Prerequisite: As well as AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors), the following courses require further prerequisites: a) AK/PSYC 3700C 3.0: 12 credits chosen from any of the following disciplines: Psychology, Political Science, Sociology; b) AK/PSYC 3700M 3.0: AK/PSYC 3700G 3.0.

Note: A *Selected Topics* course is not open to students who have taken the course listed after it in parentheses. In addition, AK/PSYC 3700C 3.0 is not open to students who have taken or are taking AK/PSYC 3380 6.0 or AK/PSYC 3210 3.0.

AK/PSYC 3750 3.0 Special Topics in Psychology. In any given session, the Department uses this rubric to offer interested students greater curricular variety through topical and special interest courses.

Prerequisite: AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors).

4000 Level Courses

AK/PSYC 4110 3.0 Seminar in Social Psychology. This course is an intensive survey of a number of issues in social psychology such as attitude formation, attribution, stereotyping, and social memory processes.

Prerequisite: 78 credits including AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3210 3.0.

Note: Not open to students who have taken AK/PSYC 4010 6.0.

AK/PSYC 4120 3.0 Seminar in Sensation and Perception. A review of current research in normal and disordered sensory and perceptual processes. The course includes the study of the development of normal

and abnormal vision, auditory perception, spatially coordinated behaviour, neurological disorders, and robotic simulations of human perceptual abilities.

Prerequisite: 78 credits including AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3120 3.0.

Note: Not open to students who have taken AK/PSYC 4070 6.0.

AK/PSYC 4130 3.0 Seminar in Memory and Cognition. An examination of a number of issues in memory and cognition. The course focuses on areas of current interest such as pattern recognition, perception of art, memory retrieval, connectionist models, problem solving, thinking, concept formation, categorization, and artificial intelligence.

Prerequisite: 78 credits including AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3130 3.0 or AK/PSYC 3135 3.0.

Note: Not open to students who have taken AK/PSYC 4070 6.0.

AK/PSYC 4135 3.0 Listening: Issues in Auditory Cognition. Our perception of sound surpasses the quality of sensory information: it results from mental processing, or "auditory cognition". Topics include: memory for music and speech, auditory illusions, linguistic theory, psychoacoustics, and timbre. Knowledge of music is recommended but not required. Classes involve lectures, demonstrations, and discussions. (Same as AK/MUSI 4135 3.0)

Prerequisite: 78 credits including AK/PSYC 2410 6.0 (with a minimum "C" grade for Psychology majors), AK/PSYC 2510 3.0 and AK/PSYC 2530 3.0.

AK/PSYC 4140 3.0 Seminar in Developmental Psychology. The course includes a full and in-depth discussion of the underlying historical, socio-cultural, and philosophical bases of psychology and how these have affected the development of developmental psychology itself and our understanding of human development.

Prerequisite: 78 credits including AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3240 3.0.

Note: Not open to students who have taken AK/PSYC 4040 6.0.

AK/PSYC 4150 3.0 Seminar in Comparative Cognition. This seminar course focuses on the various approaches to the study of cognitive processes in non-human animal species. The course includes the study of memory, problem-solving, concept formation, the representation of time and number, and language acquisition in non-human animals.

Prerequisite: 78 credits including AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; 6 credits chosen from AK/PSYC 3130 3.0, AK/PSYC 3135 3.0, AK/PSYC 3140 3.0, and AK/PSYC 3150 3.0.

AK/PSYC 4170 3.0 Seminar in Educational Psychology. An examination of a number of issues within the field of educational psychology, including cognitive behaviour modification, exceptional children in the classroom, enhancing creativity, cognitive skills training, and sex differences and gender bias in an educational context.

Prerequisite: 78 credits including AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3245 3.0.

Note: Not open to students who have taken AK/PSYC 4060 6.0.

AK/PSYC 4210 3.0 Counselling and Psychotherapy: Systems and Theories I. A survey of current psychotherapies including psychoanalytic humanistic and behaviour therapies. Emphasis is on the theoretical assumptions made by different theories, and the impact of theory on practice.

Prerequisite: 78 credits including either AK/PSYC 3215 3.0 or AK/PSYC 3220 3.0.

Note: Not open to students who have taken AK/PSYC 4050 6.0.

AK/PSYC 4220 3.0 Counselling and Psychotherapy: Systems and Theories II. A survey of non-traditional psychotherapies from various theoretical orientations such as body work, meditative practices, dance and art therapy, and innovative therapies based on more traditional psychological research.

Prerequisite: 78 credits including AK/PSYC 4210 3.0. Open only to students in the Psychology Honours programme.

Note: Not open to students who have taken AK/PSYC 4050 6.0.

AK/PSYC 4230 3.0 Counselling and Psychotherapy: Issues and Problems. This course examines issues, such as diagnosis, termination, and ethics that are common to many modern psychotherapies. The focus is on their application to frequently occurring presenting problems, such as phobias, grief reactions, depression.

Prerequisite: 78 credits including AK/PSYC 4210 3.0. Open only to students in the Psychology Honours programme.

Note: Not open to students who have taken AK/PSYC 4020 6.0.

AK/PSYC 4240 3.0 Counselling and Psychotherapy: Skills and Applications. This course examines skills that are common to many modern psychotherapies. Theoretical papers and empirical studies evaluating various therapeutic techniques and clinical skills are considered.

Prerequisite: 78 credits including AK/PSYC 4210 3.0. Open only to students in the Psychology Honours programme.

Note: Not open to students who have taken AK/PSYC 4020 6.0.

AK/PSYC 4250 3.0 Seminar in Psychology of Death and Dying. This seminar explores a wide-range of issues related to dying and death including the development of attitudes towards death, the psychosocial context of dying, the mental life of the dying person, and the movement toward palliative care, and the nature and dynamics of grief. (Same as AK/NURS 4790B 3.0)

Prerequisite: 78 credits including either AK/PSYC 3215 3.0 or AK/PSYC 3220 3.0 or, for students in the B.Sc.N. programme, permission of the Chair of Psychology.

Note: Not open to students who have taken AK/PSYC 3290 3.0, AK/PSYC 3480C 6.0 or AK/PSYC 4260 3.0.

AK/PSYC 4600 3.0 Directed Reading. Students complete an intensive programme of reading and study under the supervision of a member of the Psychology Department.

Prerequisite: 78 credits. Open only to students in the Psychology Honours programme.

Note 1: A study plan, agreed upon by the student and Faculty supervisor and approved by the Chair of the Psychology Department, must be completed before registration is permitted. Forms for this purpose are available in the Psychology Department office.

Note 2: Not open to students who have taken AK/PSYC 4100 3.0 (4100 6.0).

AK/PSYC 4700 3.0 Honours Review Paper. In addition to attending classes, students carry out an individual supervised literature review in consultation with a Review Paper Supervisor and write a Review Paper.

Prerequisite: 78 credits including AK/PSYC 2510 3.0; AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3110 3.0; AK/PSYC 3180 3.0. Open only to students in the Psychology Honours programme.

Note 1: Students must obtain the written approval of a Review Paper supervisor before registration is permitted. Forms for this purpose are available in the Psychology Department office (Room 226 Atkinson).

Note 2: Not open to students who have taken AK/PSYC 4700 6.0 or AK/PSYC 4080 6.0 or AK/PSYC 4800 6.0.

AK/PSYC 4800 6.0 Honours Thesis. In addition to attending classes, students carry out an individual supervised piece of original research in consultation with a Thesis Supervisor and write a thesis.

Prerequisite: 78 credits including AK/PSYC 2510 3.0; AK/PSYC 2530 3.0 or AK/PSYC 2540 3.0; AK/PSYC 3110 3.0; AK/PSYC 3180 3.0. Open only to students in the Psychology Honours programme.

Note 1: This course is strongly recommended to those intending to undertake graduate studies in psychology. Students must obtain the written approval of an Honours Thesis supervisor before registration is permitted. Forms for this purpose are available in the Psychology Department office.

Note 2: Not open to students who have taken AK/PSYC 4080 6.0 or AK/PSYC 4700 3.0 or AK/PSYC 4700 6.0.

SCIENCE AND TECHNOLOGY STUDIES

AK/STS 1010 6.0 Introduction to Science and Technology Studies. Introduces some of the major themes, theories and approaches in the history, philosophy and social studies of science and technology. Research methods, sources and their interpretation and presentation of arguments is emphasized.

Prerequisite: A 1000 level Natural Science course.

Note: AK/STS 1010 6.0 is a required course for Science and Technology Studies and General Science majors. This course cannot be taken as a Natural Science alternative for these two majors.

AK/STS 2010 6.0 History of Modern Science. Explores some of the central issues and theories in the history of the physical and life sciences since the Renaissance. The focus is on the institutional trends and changing conceptual frameworks as they related to larger societal change.

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3700 3.0 (3700 6.0) Selected Topics in Science and Technology Studies. A course dealing with key issues in a science discipline, technology and society or in interdisciplinary science. Topics will vary from year to year.

A. History of Technology (6.0)

B. History of Computing and Information Technology (3.0/6.0)

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3730 6.0 Science, Religion and Ethics. An examination of the development of ideas about the nature of scientific inquiry, the historical relationship of this inquiry to religious beliefs, and ethical implications of scientific endeavours.

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3740 6.0 Controversies in Environmental Science. Focus is on environment controversies and the nature and development of ecological theory and practice. Current issues are analysed - from environmental outbreaks and global warming to forestry management, water quality, pesticides, and energy use.

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3750 6.0 Evolution and Society. Focuses on controversies over heredity and evolution, and their historical relations with society, from Darwin to DNA, and from "Social Darwinism to Sociobiology."

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3760 6.0 The Scientific Revolution, 1500-1800. The origins of modern science and its cultural and intellectual milieu. (Same as AK/HIST 3810 6.0)

Note: Not open to students who have taken AK/HIST 3650 6.0.

AK/STS 3770 6.0 Issues in the Modern Physical Sciences. An analysis of the nature of the physical sciences in the twentieth century. A series of case studies drawn from astronomy, chemistry, physics and the earth sciences are examined in terms of scientific argument, organization, funding, communications and social implications.

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3780 6.0 Biomedical Science in Social Context. An examination of social issues in twentieth century biomedical science. Topics may include: reproductive technology, genetic engineering, sex difference research, and biomedical industries. Explores creation of biomedical knowledge, development of associated technologies, and impact of biomedicine on society.

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 3790 3.0 (3790 6.0) Special Topics in Science and Technology Studies. In any year, the Department may offer a course on particular topics not ordinarily available.

Prerequisite: Completion of Humanities, Social Science and either Mathematics or Modes of Reasoning at the 1000 6.0 level.

AK/STS 4700 6.0 Independent Research in Science and Technology Studies. This course offers the opportunity for students, in consultation with the Department and proposed course director(s), to design and pursue a course of individualized study.

Prerequisite: 78 credits and permission of the Department of Science and Technology Studies.

Note: Students must be accepted by a faculty supervisor before registering for AK/STS 4700 6.0 and must have permission from the Department of Science and Technology Studies. The course transaction form for such a course must be submitted with a form obtainable from the Department of Science and Technology Studies bearing the signature of the departmental Chair and the supervisor. Not open to students who have taken AK/SCST or AK/NATS 4700 6.0.

AK/STS 4710 6.0 Honours Thesis in Science and Technology Studies. Original research undertaken by a student under the supervision of a thesis committee.

Prerequisite: Permission of the Science and Technology Studies Department.

Note: Open only to honours students in Science and Technology Studies or in the combined honours programme in Conservation and Environmental Studies. Normally to be taken as the last course in an honours programme. Not open to students who have taken AK/SCST or AK/NATS 4710 6.0.

AK/STS 4720 6.0 Seminar in the Social Studies of Science. Topics in the social aspects of modern science and technology may include communications, institutions, education, organization, science policy and the science-technology interface.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Science and Technology Studies.

Note: Not open to students who have taken AK/SCST 4720 6.0.

AK/STS 4730 6.0 Practicum in Environmental Studies. This course provides an opportunity for a student to apply environmental studies concepts in a practical context. Each student will be under the supervision of a faculty member and report on the experience drawn from the practicum. (Same as AK/GEOG 4730 6.0)

Prerequisite: 78 credits, a B average in the major courses and permission of the Chair of either Science and Technology Studies or Geography. Open only to students pursuing an honours degree in Conservation and Environmental Studies or a B.Sc. option in Environmental Science.

Note 1: (i) The prospective student is responsible for the organization of the practicum. Regular contact with a faculty supervisor and submission of a report at the end of the course are required. The practicum may take place within a government agency, educational institution, a private firm or a voluntary organization. Students should discuss their ideas with a faculty member before applying formally.

(ii) Entry to the course is by application only. Each student must ensure the support of a member of faculty before applying. Application should be made to either the Chair of Science and Technology Studies or Geography. Application forms are available in the respective departmental offices.

AK/STS 4740 6.0 Science, Technology and the Environment in Canada. A research seminar concerning historical and current problems in the role of science, technology and environmental thought in Canadian development.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Chair of Science and Technology Studies.

SOCIAL SCIENCE

AK/SOSC 2000 6.0 Introduction to Refugee and Migration Studies.

An introduction to the problem of refugees: conceptual issues (definitions, refugee rights, ethical norms), the historical background, Canadian policy and the issues in specific areas of the world-Africa, Asia, Latin America, Eastern Europe and the Middle East.

Prerequisite: A 1000 level Social Science course.

AK/SOSC 2400 6.0 Foundations of Social Science. This core course first surveys basic Social Science theory (e.g. liberalism, Marxism, positivism, psychoanalysis), highlighting the department's multidisciplinary approach. This theoretical work then underpins an investigation of questions of concrete social analysis and social practice in such spheres as work, poverty, gender relations and education, concluding with an examination of movements for social change.

Prerequisite: A 1000 level Social Science course.

Note: Not open to students who have taken AK/SOSC 2420 6.0 or AK/SOSC 2500 6.0.

AK/SOSC 2410 6.0 Introduction to Communication Studies. The course explores major contributions to the study of communication from a variety of perspectives: the behavioural and social sciences, the humanities and fine arts, biology and engineering. Topics include language, the analysis of messages, cultures as complex media systems, technologies of communication, ideology and mass media, and the political economy of information.

Prerequisite: A 1000 level Social Science course.

AK/SOSC 2430 6.0 Introduction to Comparative Third World Studies. An interdisciplinary examination of the development of the contemporary social, political, cultural and economic structures of the Third World; of the chronic problems facing these countries; and of various pathways for the future.

Prerequisite: A 1000 level Social Science course.

Note: Not open to students who have taken AK/SOCI 2560 6.0.

AK/SOSC 3209 6.0 Related Topics in Social Science. Treatment of various topics which may not be covered in other courses. Topics vary from year to year.

- A. Law and Society: Legal Institutions and Social Justice (same as AS/SOSC 2350 6.0 and AK/POLS 3209G 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3300 6.0 New Technology and Social Change. A study of technological change with special emphasis on the way new technologies are affecting both the workplace and society as a whole. The course includes an examination of various public and private corporations where new technologies are being introduced.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have taken AK/SOSC 3390C 6.0.

AK/SOSC 3310 6.0 Seminar in Social Theory. This course discusses the theoretical underpinnings of contemporary social science. Among social theories analyzed are: Marxism, liberalism, feminism, positivism and psychoanalytic theory and politics.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3320 6.0 Social Change and Political Development. Market forces, class conflicts and state-building in comparative and historical perspective. Likely topics: political and industrial revolution in Britain, France, Germany, and Russia; economic roots of conservatism, liberalism, socialism, Nazism, Communism; the American Civil War and imperialism; regionalism and class in Canada. (Same as AK/SOCI 3540 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3330 6.0 Technology, Communication and the Canadian Mind. Draws upon Canadian social thinkers Harold Innis, George Grant, and Marshall McLuhan to think through questions about technology, communications, ecology, justice and the survival of Canada.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have taken AK/SOSC 3390C 6.0.

AK/SOSC 3350 6.0 Ethnic Communities in Canada. The cultures of dominant and minority ethnic groups in Canada; leadership, institutions, evolution of ethnic identity and Canadian policies and experiences regarding immigration and refugees. Special attention to the problems at school and work of recent immigrants in Metropolitan Toronto. (Same as AK/SOCI 3580 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3360 6.0 Selected Topics. The following courses may be offered from time to time within the department, depending upon instructor availability and student demand:

- A. Images of Canada: Selected Social Thinkers
- B. Nationalism (formerly AK/SOSC 3520 6.0)
- C. Liberalism (formerly AK/SOSC 3530 6.0)
- D. The Theory and Practice of Anarchism (formerly AK/SOSC 3540 6.0)
- E. Society and Politics in the Caribbean (formerly AK/SOSC 3380 6.0)
- G. Contemporary Social Philosophy (same as AK/PHIL3590 6.0)
- H. Mental Health, Physical Health, Whole Health: Current Issues for Women (*Note:* Not open to students who have completed AK/WMST 3001C 6.0.)

AK/SOSC 3370 6.0 Immigrant Women in Canada. This course examines historic, socio-economic, and cultural situation of immigrant women in Canada. It analyzes the economy, the State and dominant cultural attitudes in terms of gender, class and race. Women's roles are explored mainly in areas of work, family, health, culture and politics.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have completed AK/WMST 3814 6.0.

AK/SOSC 3380 6.0 Women and Work. This course explores the conditions of women's work, paid and unpaid. The historical development of a sexual division of labour and the roles played by the family, employers, trade unions and government policy in the gendering of jobs is examined. (Same as AK/AS/GL/WMST 3510 6.0)

AK/SOSC 3390 6.0 Special Topics in Social Science. The instructor and subject of this seminar course will vary from session to session. Information concerning this course will be made available at the departmental office in March of the preceding session.

G. The Cooperative Movement in Canada

J. The Child and the Adolescent in the Modern City

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3400 6.0 Marxism. A study of Marxism and its impact on the contemporary world. The major contributors to Marxism will be discussed and evaluated. Special emphasis will be placed on Marx's critique of capitalism; his concept of alienation will be among the subjects to be considered.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3410 6.0 Work and the Workplace: Perspectives, Analysis and Change. This course will deal with the function and conditions of work and strategies for change related to it. Work and leisure, the organization of work, design of jobs, and the discontent of workers and the functions of management and unions will be discussed. (Same as AK/SOCI 3390A 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have taken AK/SOCI 3580 6.0.

AK/SOSC 3420 6.0 Alternative Approaches to Understanding the Environment. A variety of perspectives - Western and non-Western - used to understand the environment. Topics include the impact of these perspectives on corporate behaviour, government policy, social movements and images of nature in the mass media.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3430 6.0 Cooperation in Society. Examines the dynamics, skills and institutions that foster cooperation at various levels of modern society. Forces that block and foster cooperation interpersonally and internationally are studied from the perspective of various social sciences.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have completed AK/SOSC 3390K 6.0.

AK/SOSC 3460 6.0 Women, Employment and Unions. Explores the conditions of women's paid work and the effectiveness of equity initiatives and unionization in addressing the concerns of women, especially immigrant women, visible minorities and aboriginal women working in poorly paid, non-secure jobs.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3470 6.0 Free Trade and Globalization: The Canadian Experience. An analysis of the most important, most controversial, and most far-reaching trading agreement into which Canada has ever entered. Development of the theory and practice of trading agreements and other relevant bilateral and multilateral agreements.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have completed AK/SOSC 3390L 6.0 or AK/CDNS 3120 6.0.

AK/SOSC 3480 6.0 Violence and Pacifism in the Western World. An analysis of the origins and nature of violence and pacifism and of the practicality of policies of non-violence in Western Europe and North America. The development of the theory and practice of pacifism will be studied as a basis for inquiries into alternatives to violence.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3490 6.0 Mass Media and the Socialization of Children. The mass media play an important role in both defining childhood and initiating children into dominant social values. This course examines the changing concept of childhood and the shift in social values through a study of children's literature, television shows and pop music.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3510 6.0 Globalization: Wealth, Poverty and the New World Order. Examines the dynamics of the currently ascendent system of global capitalism, the roots of contemporary underdevelopment, and the prospects for social/political/economic development or decline in various parts of the world, including Canada.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3520 6.0 The Social Construction of Health and Illness. Using cancer as the major example the course includes prevailing ideologies of causality and treatment, institutional aspects of medical practice and treatment and the impact of public policy.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3540 6.0 Schools, Critical Pedagogy and Mass Media. This course combines a study of leading thinkers in critical pedagogy and communication studies with fieldwork on media usage and its impact on children and youth. The aim is to develop a critical and transformative approach to understanding mass media and teaching mass media. (Same as AK/SOCI 3390X 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

Note: Not open to students who have completed AK/SOSC 3390M 6.0.

AK/SOSC 3560 6.0 Mass Media and Ideology. This course focuses on cultural reproduction in mass media. Its objective is to develop methods of analysis for uncovering dominant value patterns in news, advertisements and entertainment, relating these patterns to power relations in society.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3570 6.0 The Crisis of the Canadian State System and its Schools. There is growing class conflict in three major areas of state policy-making: finance, decision-making structure, and the nature of state services. The course analyzes this conflict in each of these areas using the Ontario school system as a case study. (Same as AK/SOCI 3390P 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3580 6.0 Feminism and the Women's Movement. The course will assess the role of the women's movement and its potential as a force for social change. This study will involve a review of the movement's history, theory and practice in the light of current social, economic and political trends.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3680 6.0 Racism in Canada. Racial discrimination as affected by institutional practices in Canada, examined together with efforts to affirm principles of equity. Among institutions which may be discussed are immigration, police and criminal justice system, schools, hospitals, media, and private corporations. (Same as AK/SOCI 3680 6.0)

AK/SOSC 3720 6.0 Canadian Social Problems. This course will analyze the major problems confronting contemporary Canadian society and evaluate strategies for resolving them. Topics to be examined include inflation, unemployment and underemployment, regional disparities and conflicts, strikes and lockouts, ethnic discrimination and prejudice, dependence on the U.S. economy and national identity.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3820 6.0 Nature and Functions of Law. A study of legal institutions and the legal processes as a fundamental part of the social, political and economic environment of society, particularly as it relates to women.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3830 6.0 Personality and the Healing Arts. Psychoanalytic, psychological and medical theories of human nature, and the values and attitudes inherent in their practices, are studied in an attempt to understand the relationship between the development and structure of our personality and the broader social and political economic structures of society.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3840 6.0 Social Issues Through the Arts. An analysis of basic social issues as portrayed by literary and visual arts, attempting to locate the issues within the overall social organization. The course will also explore the role of art in terms of ideology and social change. (Same as AK/SOCI 3390C 6.0)

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 3870 6.0 The Future of Societies. A critical review of forecasts of the future and methods of predicting the future. Particular attention will be paid to forecasts concerned with the future of Canadian society.

Prerequisite: A 1000 level Social Science course and either a 1000 level Humanities or Modes of Reasoning course.

AK/SOSC 4720 6.0 Directed Reading/Special Study. Students will do supervised special study in one or two selected areas. Students wishing to enrol are to contact the Chair of the Department of Social Science.

Prerequisite: 78 credits including at least 12 credits in Social Science courses; or, for students with equivalent preparation, permission of the Chair of Social Science.

Note: Students must be accepted by a faculty supervisor before they can register in the 4000 level reading course. The course transaction form for this course must be submitted with a note from the supervisor stating his/her willingness to perform this task.

AK/SOSC 4730 6.0 Seminar in Social Analysis. The seminar focuses on a current social issue, analyzing its causes, assessing its social consequences and evaluating a variety of measures advanced for its resolution. Details available in the Atkinson Social Science Department or mini-calendar.

Prerequisite: 78 credits including at least 12 credits in Social Science courses; or, for students with equivalent preparation, permission of the Chair of Social Science.

AK/SOSC 4740 6.0 Ideology, Social Policy and the State. Application of social science material to analysis of state systems and resultant social policies. The seminar selects social policy issues for critical consideration with a focus on ideological implications and the interests of the state apparatus thereby served.

Prerequisite: 78 credits including at least twelve credits in Social Science courses; or, for students with equivalent preparation, permission of the Chair of Social Science.

AK/SOSC 4750 3.0 (4750 6.0) Special Topics. The instructor and subject of this seminar course will vary each session. The information concerning this course will be available in Social Science course descriptions prior to registration.

Prerequisite: 78 credits including at least 12 credits in Social Science courses; or, for students with equivalent preparation, permission of the Chair of Social Science.

AK/SOSC 4770 6.0 Mass Media, The State, and Freedom of Expression. This is an advanced-level research course focusing on the political economy of mass media and the geopolitics of information. Taking a historical view on the state-media relationship, it explores the social consequences of media concentration, and consider alternatives.

Prerequisite: 78 credits including at least 12 credits in Social Science courses; or, for students with equivalent preparation, permission of the Chair of Social Science.

Note: AK/PHIL 3450 6.0: *Modern Chinese Social Philosophy*, AK/PHIL 3550 6.0: *Philosophy of Social Science* and AK/SOCI 4060 6.0: *Colonialism and Development* acceptable as major courses in Social Science.

SOCIAL WORK

AK/SOWK 1000 6.0 Social Work in a Contemporary Society. The course provides a survey of critical Social Work issues. It is an introduction to Social Work practice at both the macro and the micro level. Modules focus on poverty, violence in families, addictions and sexuality.

Note: This course is open only to students not majoring in Social Work.

AK/SOWK 2000 6.0 Social Work and Social Welfare Policy. Studies Canada's social programmes and services and the social forces and ideas that have shaped them in the past and are transforming them in the present. The role of the social worker in modern society is also examined.

Prerequisite: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Note: Not open to students who have taken AK/SOWK 2400.05 and/or AK/SOWK 2410.05.

AK/SOWK 3010 3.0 Foundations of Health Care Assessment and Planning. The needs assessment and planning process for clients/patients in the Health Care and Social Services Systems requires an understanding of psycho-social and physical dimensions. Integration of these two dimensions will provide a comprehensive knowledge base for the student.

Prerequisite for non-SOWK majors: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Prerequisite or Corequisite for SOWK majors: AK/SOWK 3030 6.0.

AK/SOWK 3020 3.0 Issues in Health Care Assessment and Planning. This course considers major issues in the Health Care and Social Service fields. The integrated psycho-social and physical needs assessment process is used to design client/patient care plans.

Prerequisite or Corequisite: AK/SOWK 3030 6.0 and AK/SOWK 3010 3.0.

AK/SOWK 3030 6.0 Perspectives on Society. Examines the history, range and scope of Social Work activities and practices. The use of positivist and post-positivist theories and political philosophy sets the stage for a critical understanding of human nature.

Prerequisite: 24 Credits including AK/SOWK 2000 6.0 or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Note: Not open to students who have taken AK/SOWK 3410 3.0.

AK/SOWK 3040 3.0 Identity and Diversity. Focuses on our diverse identities and the role of language, discourse, and culture as a way of understanding ourselves. The role of systemic inequalities, especially experiences of oppression and privilege, is explored.

Prerequisite for non-SOWK majors: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Prerequisite or Corequisite for SOWK majors: AK/SOWK 3030 6.0.

Note: Not open to students who have taken AK/SOWK 3460 3.0 and AK/SOWK 3470 3.0.

AK/SOWK 3050 3.0 Anti-Discriminatory Practice. This experiential course examines the social, political and historical context of marginality and oppression for critical social work practice from an anti-discriminatory perspective. Students will utilize multiple practice methods in working with individuals, groups, communities and organizations.

Prerequisite for non-SOWK majors: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Prerequisite or Corequisite for SOWK majors: AK/SOWK 3030 6.0.

Note: Not open to students who have taken AK/SOWK 4090M 3.0.

AK/SOWK 3060 6.0 Integrated Social Work Practice. Explores the interconnections between structure, systems and people and the influence of power in shaping social services and social work practice. Practice examples will encourage an integrated understanding of "micro" and "macro" aspects of practice.

Prerequisite for non-SOWK majors: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Prerequisite or Corequisite for SOWK majors: AK/SOWK 3030 6.0.

Note: Not open to students who have taken AK/SOWK 3550 3.0.

AK/SOWK 3070 3.0 Foundations of Social Work Research. Introduces students to the basics of social work research. The course examines various research approaches, research designs, and data analyses relevant to social work. Translation of social work issues into researchable questions and designs will be discussed.

Prerequisite for non-SOWK majors: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Prerequisite or Corequisite for SOWK majors: AK/SOWK 3030 6.0.

Note: Not open to students who have taken AK/SOWK 3080 3.0.

AK/SOWK 3530 3.0 Social Work With Groups. This course will examine the theory and practice of social work with groups. An opportunity will be given to examine personal as well as interpersonal behaviour patterns as manifested in group situations.

Prerequisite for non-SOWK majors: 24 credits or, for students with equivalent preparation, permission of the Chair of the School of Social Work.

Prerequisite or Corequisite for SOWK majors: AK/SOWK 3030 6.0.

AK/SOWK 4000 6.0 Practicum in Social Work. The intent of the practicum is to provide an opportunity for students to integrate theory with practice in a community setting which can provide a learning situation and qualified field instruction.

Prerequisite: Completion of all core Social Work courses. Open only to students in the B.S.W. programme.

Note 1: The School of Social Work assumes responsibility for locating placements and contracting with the setting to provide a suitable learning experience. A student is required to complete a total of 700 hours in AK/SOWK 4000 6.0. Six hundred (600) hours will relate to actual time at the practicum setting with appropriate supervision. The remaining one hundred (100) hours includes the process of planning, researching and negotiating the practicum: writing proposals, preparing cover letters to agencies, practising and attending to interviewing skills, interview(s) with field department, pre-screening interview at the agency, attending Integrative Seminars at the School, presentations and other seminars, and completing the Situational Study. (Please refer to Practicum Manual for further details).

Note 2: Students register in AK/SOWK 4000 6.0 during normal enrolment periods using the voice response system. Students must confirm acceptability of their field placement location with the School of Social Work before commencing the 700 hours.

Note 3: A student may withdraw only once from AK/SOWK 4000 6.0 and still be considered a candidate for the B.S.W. degree. The timing of the second practicum will be at the discretion of the Practicum Coordinator.

Note 4: The field work component can be completed by spending two days per week in the field to five days per week depending upon the agreement negotiated by the student, the agency, and the School of Social Work. While the student's performance is evaluated jointly by the field instructor and faculty advisor, the School of Social Work determines whether the student has met the requirements which determine a passing grade.

Note 5: The majority of student practica begin in the Fall academic term (September). Students can negotiate to complete practicum in a block from September to December or from September to June. There will be a limited number of students permitted to do summer term practica. Students contemplating beginning the practicum should contact the Field Education Department three months in advance of their preferred starting time.

Note 6: The Field Education Department has information on available placements and listings of agencies in Toronto and outlying areas. Other resources include student evaluations of the practicum, texts, brochures and videotapes.

AK/SOWK 4010 3.0 Policy Frameworks. Theoretical perspectives on the state's regulatory activities are examined with reference to Canadian welfare. Current social policy and its development in relation to major social interests are analysed in light of a globalizing economy.

Prerequisite: A University degree or equivalent. Open only to students in the B.S.W. programme.

Prerequisite or Corequisite: AK/SOWK 3030 6.0; AK/SOWK 3040 3.0, and AK/SOWK 3050 3.0.

Note: Not open to students who have taken AK/SOWK 3420 6.0.

AK/SOWK 4020 3.0 Issues in the Study of the Welfare State: Power, Organization and Bureaucracy. Studies the organizational structures of agencies in the public and voluntary sector. Issues of social control, managerial structures, processes and administrative practices are examined against the background of people's location within class, gender and race differentiated groups.

Prerequisite: A University degree or equivalent; 24 credits in Social Work including AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

Note: Not open to students who have taken AK/SOWK 4030 6.0 and/or AK/SOWK 4050 6.0.

AK/SOWK 4040 3.0 Communication. The premise of this course is that communication is the foundation of social work practice. The course will rely on experiential learning in which attention is paid to the development of skillful attention, response and reflection within intentional change processes.

Prerequisite: A University degree or equivalent; 24 credits in Social Work including AK/SOWK 3030 6.0; Open only to students in the B.S.W. programme.

Note 1: Not open to students who have taken AK/SOWK 3551 5.0.

Note 2: The School of Social Work strongly recommends that AK/SOWK 4020 3.0 and AK/SOWK 4040 3.0 be taken concurrently or consecutively.

AK/SOWK 4080 6.0 Seminar in Applied Social Science Research. An examination of the concepts, methods and goals of social work and social science research relevant to social work practice. Students will participate in a research study. Emphasis is given both to learning how to conduct research as well as learning to be a research consumer.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0; AK/SOWK 3060 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4090 3.0 Topics in Social Policy and Social Work. This seminar will present an analysis of social and economic issues, problems and factors and their impact on the Canadian welfare system. The role and function of Federal and Provincial governments, their political responsibility for the welfare of all citizens, and the role of values and assumptions in the policy-making process will be examined. This will be done in the context of a specific area of social policy. The particular subjects chosen in any given year will reflect one or more of the special interests and expertise of the faculty with reference to topical issues and problems. Topics would be:

- E. Comparative Social Welfare
- H. Women and Social Policy
- N. Family Mediation *
- O-Z. Others

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

**Note: Credit for AK/SOWK 4090N 3.0 Family Mediation is given in the Dispute Resolution Certificate.*

AK/SOWK 4100 3.0 Mental Health and Social Work. This course will focus on the impact of mental illness and developmental and life crisis problems of individuals, families, and groups. Services for meeting mental health needs, skills in assessing mental health problems and effective preventive programmes will be examined.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4120 3.0 Contemporary Issues in Professional Practice. A joint faculty student seminar will critically examine the roles, value conflicts and dilemmas, assumptions and goals of professional practice. Problems of definition, community expectations and relationships with other professional and non-professional groups, will be examined.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4130 3.0 Social Work with Immigrants and Refugees.

This course analyzes Canadian immigration policy and demographics, explores experiences of refugees and immigrants and exposes students to practice skills and knowledge required for work with these populations.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4140 3.0 Social Advocacy. Explores the relationship between social work practice and broader social movements. Critical theory will be used to explore systemic inequalities. Skills needed for social action, political participation and building social movements will be taught.

AK/SOWK 4150 3.0 Violence in Families. Integrates theoretical and practical perspectives on violence in the family. A primary focus is working with survivors of violence. Emphasis is given to interventions with women and children.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4170 3.0 Social Work in Correctional Services. An examination and critical analysis of social and correctional policies and practices in Canada. The role of the Social Worker in the correctional process, i.e., probation, parole, after-care, prevention, rehabilitation, and other aspects of the correctional process, will be examined.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4200 3.0 Special Topics. The instructor and subject of this seminar course varies each session. The information concerning this course is available in Social Work course descriptions prior to registration. Topics include:

- L. Ethics and Social Work Practices (same as AK/PHIL 3000Q 3.0)
- N. Eating Disorders and Social Work Practice

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4210 3.0 (4210 6.0) Directed Readings/Special Studies. Students will do supervised study in a selected area. Those wishing to enrol should contact an instructor willing to supervise their study, draw up a study plan and complete the appropriate form.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

Note: Students must be accepted by the faculty supervisor before they can register in the 4000 level reading course. The registration contract for this course must be submitted with a note from the supervisor stating his/her willingness to perform this task.

AK/SOWK 4230 3.0 Social Construction of Aging and Social Work. In the 21st century, Canadians will observe a rapid growth of an ethnically and racially diverse older population. Social workers need to create changes in institutions and practice. Assists students in developing praxis in gerontological social work.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4240 3.0 Social Policy and Services Concerning Disability. From a policy and a social work practice perspective, this course will examine the social services provisions for individuals with developmental disabilities. The emphasis may vary year to year from physical to developmental disabilities.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4250 3.0 Sexual Diversity in Contemporary Social Work Practice. Explores issues of sexual diversity within a socio-historical-political context applicable to direct Social Work practice. Examines practice issues working with sexual minorities particularly gay, lesbian and bisexual persons.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4270 3.0 Canadian Indian Policy and Social Welfare: Historical and Contemporary Contexts. Provides an introductory background to the historical and contemporary factors which directly influence the context of social welfare and social work practice in First Nations' communities in Canada, with a special emphasis on those in Ontario.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4290 3.0 The Family in Social Work. This course will focus on changing family patterns and on their relevance for social work family theory and practice. Different techniques of family intervention systems and programmes will be analyzed.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4330 3.0 Social Work and The Law. This course will examine the converging roles of the legal and social work professions, the basis of our legal system, legal procedures, our court system and court procedures including giving testimony as witness and expert witness, administrative law and appeals, and contemporary social issues such as legal needs of native people, the aged, the disabled, and recent immigrants. Practice of social workers in legal settings will be emphasized.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4380 3.0 Child Welfare Policies and Services. This integrated policy and practice course will examine the legislation and programmes bearing on the provision for children. Social work methods, skills and techniques in working with children will be emphasized.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

AK/SOWK 4460 3.0 Addictions. This course will examine and critically analyze the current issues related to policy, treatment and research in the field of alcohol and drug dependence. While the course will consider multidisciplinary approaches to the problem of chemical dependence, it will emphasize the social worker's role within a range of hospital and agency settings.

Prerequisite: A University degree or equivalent; AK/SOWK 3030 6.0. Open only to students in the B.S.W. programme.

School of Social Work Contract Faculty 1999

D. Abraham
J. Cullen
G. Dumbrill
B. Gapen
A. Herman
K. Kaffko
J. Kugelmass
J. Lackstrom
B. Lepichak
J. Michalski
A. Ong
M. O'Regan
C. Perillo
R. Power
N. Safir
G. Shaw
W. Skinner

SOCIOLOGY

A. Introductory

AK/SOCI 2410 6.0 Introductory Sociology. Sociological concepts, theory and research methods, with applications to social issues and the practical concerns of everyday life. Areas of discussion: family and gender; youth and aging; health and illness; race, culture and ethnicity; work and organizations; communications; law and crime.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOCI 2430 6.0.

B. Methods and Theory

AK/SOCI 3310 6.0 Social Research. Research problems and techniques, presented in a workshop format with stress on the development of practical skills. Both quantitative and qualitative approaches are discussed, as well as ethical questions.

Prerequisite: AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

Note: Not open to students who have taken or are taking AS/SOCI 2030 6.0, or who have taken AK/SOCI 3320 6.0.

AK/SOCI 3330 6.0 Social Theory. A comprehensive survey of major themes and theorists, from the beginning of the modern era.

Prerequisite: AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

Note: Not open to students who have taken or are taking AS/SOCI 2040 6.0, or who have taken AK/SOCI 3360 6.0.

C. Process and Structure

Note: AK/SOSC 2410 6.0 *Introduction to Communication Studies* is acceptable as a major course in Sociology.

AK/SOCI 3390 3.0 (3390 6.0) Selected Topics. Each year the Department offers courses in specialized areas. Courses under this rubric, as well as course exclusions, will be announced by the Department in the spring of each year.

- A. Work and the Workplace: Perspectives, Analysis and Change (same as AK/SOSC 3410 6.0)
- C. Social Issues Through the Arts (formerly AK/SOCI 3840 6.0; (same as AK/SOSC 3840 6.0)
- P. Crisis of the Canadian State System and its Schools (formerly AK/SOCI 3910 6.0; same as AK/SOSC 3570 6.0)
- Q. Economics of Education and Training (same as AK/ECON 3590 6.0)
- R. Work and Employment in the Global Economy (same as AK/POLS 3740 6.0)
- S. Social Policy and the State: Canada's Welfare State (same as AK/POLS 3770 6.0)
- U. Political Economy of Canada (Same as AK/POLS 3580 6.0)
- V. Psychology of Women (same as AK/PSYC 3700E 3.0)
- W. Psychology of Sexual Orientation (3.0) (same as AK/PSYC 3700N 3.0)
- X. Schools, Critical Pedagogy and Mass Media (same as AK/SOSC 3540 6.0)

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3391 3.0 (3391 6.0) Special Topics. Each year the Department Offers courses in specialized areas. Courses under this rubric will be announced by the department in the spring of each year.

R. Religion, Culture and Gender (6.0)

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3392 6.0 Work, Employment and Unemployment. Impact of technological change, mass unemployment, the social psychological effect of plant closures, deindustrialization, comparative analyses of the U.S.A., Canada, Sweden, West Germany, Britain and Japan.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOSC 3390D 6.0 or AK/SOSC 3392 6.0; or who have taken or AK/ECON 3780 6.0. This course counts as a major course in Administrative Studies.

AK/SOCI 3420 6.0 Socialization and Identity. The process by which individuals become members of societies selectively internalizing values, norms, roles and skills. Formation of the self in relation to others. Identity as an adaptive mechanism.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have completed AK/SOCI 3340A 6.0.

AK/SOCI 3450 6.0 Families. Contemporary family functions and issues in a larger institutional context: role relations of members; life cycles of members and of families; employment trends, government policy and population; family support systems and alternatives.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3490 6.0 Sociology of Health. Definitions of physical and mental health and comparative examinations of the healing process. Recruitment and socialization of health care personnel. Hospitals as social institutions. Stratification in medicine. Emergence and institutionalization of professional medicine and lay alternatives to it. Development of the health promotion perspective.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken or are taking AK/SOCI 3490 3.0.

AK/SOCI 3500 3.0 Collective Behaviour. Loosely structured and quickly changing forms of social behaviour: crowds, mobs, audiences, rumours, panics, fashions and fads. Their social functions, beginnings, crystallization and decline; collective leadership; the role of leadership.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3510 3.0 Social and Political Movements. Revolutionary, reform, populist, millenarian, and expressive movements: origins, history, types, ideology, structure, leadership, recruitment, strategy and tactics, transformation.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3520 3.0 Youth and Society. Development of youth identity; generational conflict, youth cultures and movements. Educational problems, drugs and sex. Youth as a factor in social change.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3540 6.0 Social Change and Political Development. Market forces, class conflicts and state-building in comparative and historical perspective. Areas of discussion: political and industrial revolution in Britain, France, Germany, and Russia; economic roots of conservatism, liberalism, socialism, Nazism, Communism; the American Civil War and imperialism; regionalism and class in Canada. (Same as AK/SOSC 3320 6.0)

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken or are taking AK/SOSC 3320 6.0.

AK/SOCI 3550 3.0 (3550 6.0) Sociology of Aging. This course examines interpersonal, cultural, demographic and political aspects of aging and retirement. Gender, class and other major factors are discussed, along with familial, government and self-help responses to seniors' needs.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3560 6.0 Social Interaction. Societies as complex networks of human communication and interaction. Verbal language: signs, symbols, and signals; non-verbal language. Forms of interaction.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3570 6.0 Organizational Practice and the State. Professional interests, decision-making, and social policy in Canada and other modern states are discussed in relation to institutions such as families, schools, health care, and the criminal justice system. Changing attitudes towards "welfare", social services, and the Welfare State are examined. (Same as AK/POLS 3570 6.0)

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3580 6.0 Ethnic Communities in Canada. The cultures of dominant and minority ethnic groups in Canada; leadership, institutions, evolution of ethnic identity and Canadian policies and experiences regarding immigration and refugees. Special attention to the problems at school and work of recent immigrants in Metropolitan Toronto. (Same as AK/SOSC 3350 6.0)

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3620 6.0 Racism and Colonialism. Colonialism and racial conflict examined in historical and comparative perspective, including a discussion of links between racism and sexism. Examples are drawn from some of these areas: Africa, Asia, Latin America and the Caribbean, the Middle East.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOCI 2580 6.0 or AK/POLS 3620 6.0.

AK/SOCI 3630 6.0 Crime and Delinquency. The nature and causes of adult and adolescent offences. Juvenile gangs, illegal careers, communal reaction, prevention policy and programmes. Police, courts and judicial processes. Prison systems, probation and parole.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3640 3.0 (3640 6.0) Selected Topics in Culture and Ethnicity. The experience of specific groups with problems of racism, gender and class, or with issues of cultural and political change.

- A. Native Peoples of Canada (same as AK/CDNS 3100A 6.0) (formerly AK/SOCI 3390K 6.0)
- B. Peasants and the State (formerly AK/SOCI 3460 6.0) (same as AK/POLS 3600 6.0)
- C. Women, Racism and 'Race' (formerly AK/SOCI 3340C 6.0)
- D. Racism and the Law (formerly AK/SOCI 3340D 6.0)
- E. Racism and Culture (formerly AK/SOCI 3890E 6.0)
- G. Health, Culture and 'Race' (formerly AK/SOCI 3890D 6.0)
- H. 'Race' and Diversity in the Schools (formerly AK/SOCI 3890A 6.0)
- J. Public Policy and the Politics of Equality (same as AK/POLS 3690 6.0)
- K. Gender, Culture and Society in the Middle East

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3641 3.0 (3641 6.0) Special Topics in Culture and Ethnicity. Courses on culture and ethnicity offered on an occasional basis. Courses under this rubric will be announced in the Spring.

- A. Women, Culture and Politics in India (formerly AK/SOCI 3391B 6.0)

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3650 6.0 Canadian Society. Canada's social, economic and political institutions viewed in developmental perspective. Topics include: class, ideology and the changing role of the state; regionalism and unequal economic growth; changing roles of men and women in the productive process.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOCI 2470 6.0, AK/CDNS 2470 6.0, or AK/CDNS 3010 6.0.

AK/SOCI 3680 6.0 Racism in Canada. Racial discrimination as affected by institutional practices in Canada, examined together with efforts to affirm principles of equity. Among institutions which may be discussed are immigration, police and criminal justice system, schools, hospitals, media, and private corporations. (Same as AK/SOSC 3680 6.0)

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3780 6.0 Communication and Ideology. A discussion of human communication and social life, including the role of ideology in clarifying, distorting or masking reality. Emphasis is given to the mass media, including construction of the news, entertainment and advertising as aspects of dominant ideology.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3820 6.0 Sexuality and Intimacy. Gender identities and the experience of intimacy in sexual relationships. Areas of discussion may include: the social construction of desire in heterosexual and homosexual relations; female and male patterns of emotional expression, self disclosure and sexual response; coercive sexuality; sexuality and racism.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3830 6.0 Women's Health and Medical Practice. Women, family health care and medical practice examined in historical and cross-cultural perspective. Areas of discussion: women's roles as mothers, patients, lay healers, midwives, employees and health professionals; childbirth, abortion, menstruation, sexuality and menopause; medicalization and social control; medical sexism and racism.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOCI 3391G 3.0.

AK/SOCI 3850 6.0 Women, Violence and Social Policy. Violence against women and children in the home, including historical and cross-cultural analyses. Areas of discussion may include: culture, socialization and family violence; racist and patriarchal ideology; the emotional impact and legal treatment of abuse cases; violence, social policy and the state.

Prerequisite: A 1000 level course in Social Science.

AK/SOCI 3860 6.0 Women, Work, and Family. Women's challenges in the home and in waged work, including historical and cross-cultural analyses. Areas of discussion may include: household, the labour market, racism and the state; barriers to women's career success; single-parent families and parenting responsibilities.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOCI 3391M 6.0.

AK/SOCI 3920 6.0 Occupations and Careers. Occupations in changing economic, cultural and social contexts. Bureaucratization of work. Emerging and declining occupations. Prestige levels and career lines. May also include discussion of regional, ethnic and gender variations in careers, and professionalization.

Prerequisite: A 1000 level course in Social Science.

Note: Not open to students who have taken AK/SOCI 3390N 6.0.

D. Advanced Courses

Note: AK/SOSC 4740 6.0 Ideology, Social Policy and the State is acceptable as a major course in Sociology.

AK/SOCI 4000 3.0 (4000 6.0) Selected Topics in Culture and Society. From time to time, the Department offers more advanced courses in specialized areas. Courses under this rubric, as well as course exclusions, will be announced by the Department in the spring of each year.

- A. Caribbean Societies (formerly AK/SOCI 4050 6.0)
- C. Professions and Professionalization (formerly AK/SOCI 4140 3.0)
- D. Canadian Society in Comparative Perspective (formerly AK/SOCI 4370 6.0)
- E. Visual Communications (formerly AK/SOCI 4440 3.0/6.0)

Prerequisite: 78 credits, including AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

AK/SOCI 4010 3.0 (4010 6.0) Special Topics in Culture and Society. From time to time, the Department offers more advanced courses in specialized areas. Courses under this rubric, as well as course exclusions, will be announced by the Department in the spring of each year.

- B. Jewish Communities (6.0)
- C. Language, Class and Ethnicity (3.0)
- D. Childhood and Society (6.0)
- E. Video in Anti-Racist Pedagogy (3.0/6.0)

Prerequisite: For course D, 78 credits including AK/SOCI 2410 6.0; or, for students with equivalent preparation, permission of the Chair of Sociology. For courses B, C: a) Sociology majors: 78 credits including AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology; b) Students in Certificate in Anti-Racist Research and Practice: AK/SOCI 2580 6.0 and a course under AK/SOCI 3890 6.0.

AK/SOCI 4060 6.0 Colonialism and Development. A comparative introduction, at the more advanced level, to social struggle and change in countries subject to colonial domination, with particular attention to cultural issues and to forms of contestation involving "race" and racism, sexuality and gender, and social class. (Same as AK/POLS 4060 6.0)

Prerequisite: a) Sociology majors: 78 credits including AK/SOCI 2580 6.0 and AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology; b) Students in Certificate in Anti-Racist Research and Practice: AK/SOCI 2580 6.0 and a course under AK/SOCI 3890 6.0.

AK/SOCI 4110 3.0 Literature, Ideas and Politics. Writers and artists and the troubles they make for those in power and what the powerful do to control them. The social bases of intellectual community and creativity; high culture and the mass media.

Prerequisite: 78 credits including AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

AK/SOCI 4120 3.0 Workplace Change in Canada. An analysis of key changes in the structure and organization of the Canadian workplace at the end of the twentieth century and their impact upon workers, drawing upon historical comparisons, the examination of trend data and observation.

Prerequisite: 78 credits including AK/SOCI 2410 6.0; or permission of the Chairperson of Sociology for students with equivalents.

AK/SOCI 4240 6.0 Health, Society and Human Resources. Using both historical and comparative materials from sociology and anthropology this course examines the relationship between human

health and social and economic organization. It focuses on cultural definitions of health and illness, care and cure on the one hand, and the ideology and social institutions of the larger society on the other.

Prerequisite: 78 credits including AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

AK/SOCI 4350 3.0 (4350 6.0) Marriage and Kinship. Discussion of major issues in family composition, functioning and relationships such as: authority and decision making; migration and kin support; alternatives to contemporary marriage; separation and divorce; family life education.

Prerequisite: 78 credits including AK/SOCI 2520 6.0 or AK/SOCI 3450 6.0, and AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

Note: AK/SOCI 4350 6.0 is not open to students who have taken AK/SOCI 4350 3.0.

AK/SOCI 4360 6.0 Crime and Deviance. The formation of marginal or deviant communities in modern society, including such issues as underworld identities, networks and markets; legislative and judicial adaptation to current realities; unconventional lifestyles and their stability factors.

Prerequisite: 78 credits including AK/SOCI 2410 6.0, or, for students with equivalent preparation, permission of the Chair of Sociology.

Note: AK/SOCI 4360 6.0 is not open to students who have taken AK/SOCI 4360 3.0.

AK/SOCI 4500 6.0 Social Theory, Culture and Politics. An introduction to major writings in social theory, and to connections between social theory, cultural expression and politics. Both classical and contemporary works are discussed.

Prerequisite: 78 credits including AK/SOCI 2410 6.0; or permission of the Chairperson of Sociology for students with equivalents.

E. Individual Study

These courses provide an opportunity for individual research under the supervision of a faculty member.

AK/SOCI 4620 3.0 (4620 6.0) Directed Reading. A course of readings may be chosen for critical review, under direction of a faculty member.

Prerequisite: 78 credits including AK/SOCI 2410 6.0 and either AK/SOCI 3310 6.0 or AK/SOCI 3330 6.0; or for students with equivalent preparation, permission of the Chairperson of Sociology.

Note 1: Students must be accepted by a faculty supervisor before they can register in AK/SOCI 4620 3.0 (4620 6.0). The course transaction form for this course must be submitted with a note issued in the Department stating the willingness of the supervisor to perform this task.

AK/SOCI 4640 6.0 Honours Thesis. Students will design and write a thesis in consultation with a faculty supervisor.

Prerequisite: 78 credits including AK/SOCI 2410 6.0, AK/SOCI 3310 6.0 and AK/SOCI 3330 6.0; or for students with equivalent preparation, permission of the Chairperson of Sociology. Open only to students in B.A. Specialized Honours in Sociology.

Note 1: Students must be accepted by a faculty supervisor before they can register in AK/SOCI 4640 6.0. The course transaction form for this course must be submitted with a note issued in the Department stating the willingness of the supervisor to perform this task.

Note 2: Students electing Honours Thesis should take it as their last course.

Note 3: AK/SOCI 4640 6.0 is not open to students who have taken AK/SOCI 4200 6.0.

THEATRE, SEE FINE ARTS

URBAN STUDIES

AK/URST 2410 6.0 Introduction to Urban Studies. A wide variety of disciplines contribute their individual approaches to studies of urban phenomena. This course will seek to identify and explore such approaches and will closely examine the advantages and practice of interdisciplinary methods.

AK/URST 2420 6.0 Introduction to Planning Concepts and Methods. The development of contemporary concepts and principles; the nature and purpose of urban planning and the planning process are emphasized. The techniques and methodology of urban planning are introduced through the consideration of actual planning problems or issues.

AK/URST 3410 6.0 Urban Data and Analysis. This will examine the nature of secondary data, relating to urban areas, available from Federal, Provincial and non-governmental agencies in Canada. Urban research problems and applicable analytical procedures will be emphasized.

Prerequisite: AK/URST 2410 6.0 or AK/URST 2420 6.0 or, for students with equivalent preparation, permission of the Urban Studies Coordinator.

AK/URST 3420 6.0 Recent Urban Development in Ontario. This course will examine the social, economic and political changes related to the urbanization of the population and environment of Ontario since 1941. The past and future roles of government and private enterprise in expediting change will be examined.

AK/URST 3430 6.0 The Nature Of Urban Populations. This course emphasizes the demographic characteristics (for example, fertility, mortality and migration) of urban populations. Changes in the composition of the urban population in relation to the structure of urban society will be examined.

AK/URST 3440 6.0 Evolution of Urban Places. An examination of the evolution of urban places in the Old and New Worlds; the relationship between urbanization and changes in other social processes; and temporal changes in the arrangement of cities and the functions and institutions within them.

AK/URST 3450 6.0 Practical Experience in Urban Analysis. This course examines the practical application of the research procedures that are used in the study of the human and physical spaces of urban areas. Case studies and field projects will be an integral part of the course.

AK/URST 3480 6.0 Urban Planning and Practice. This course considers the practical and theoretical application of planning concepts to the solution of complex urban environmental problems. The role of planners in policy formulation and implementation and the social, political constraints within which they operate will be stressed.

AK/URST 3490 6.0 The History of Toronto: From Settlement to Metropolis. A study of Toronto from its foundation in the 1790's. The city in its economic context and the rise to metropolis; residential patterns; class and ethnicity; the evolution of local politics; cultural and religious life; the historical dimensions of the perception of Toronto. (Same as AK/HIST 3100M 6.0)

AK/URST 3500 3.0 Urban Residential Design. This course explores the development and design of housing structures and residential areas from social, anthropological and architectural viewpoints. The form of the housing unit is related to the needs of the individual and the family.

Note: Not open to students who have taken AK/URST 3460 6.0.

AK/URST 3510 3.0 Canadian Housing Policy. The nature of changes in the policies of local, provincial and federal governments towards the provision of housing is explored in the context of the housing market. Attention is given to the role of the real estate industry in influencing the supply of housing.

Note: Not open to students who have taken AK/URST 3460 6.0.

AK/URST 3540 3.0 Land Resource Economics. The factors underlying the formation of the land value surface and land use theory form the primary concern of this course. Emphasis may be on urban land values. The role of private and public decision-makers in the use of land will be discussed.

Prerequisite: AK/ECON 2410 3.0 or equivalent.

AK/URST 3600 3.0 (3600 6.0) Special Topics. In a particular session, special courses which are not a feature of the Programme's regular offerings may be given. Information concerning such courses will be made available in January.

- A. A Community in Transition: Vaughan Township/City (6.0)
- B. Investigating Urban Environment Contamination (3.0)

AK/URST 4120 6.0 Seminar in Transportation Geography. A notable component in spatial studies is the circulation of people and commodities. This course analyzes the structures and many inter-relationships involved in transportation systems.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Urban Studies Coordinator.

Note: Not open to students who have taken AK/GEOG 4120 6.0.

AK/URST 4130 6.0 Planned Communities. This course will study different forms of planned communities such as new towns, planned suburbs, expanded towns and sub-divisions. The relationships of social, ecological and economic factors will be considered.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Urban Studies Coordinator.

Note: Not open to students who have taken AK/GEOG 4130 6.0.

AK/URST 4140 6.0 Seminar in Rural Land Use. An examination of systems of classification and decision-making factors in various types of rural land utilization. Emphasis is placed on gathering, assembling and plotting of data, development and analysis of patterns, and applications to land-use planning.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Urban Studies Coordinator.

Note: Not open to students who have taken AK/GEOG 4140 6.0.

AK/URST 4180 6.0 Advanced Urban Geography. This course will examine some current frontiers of research in urban geography. Settlement distribution models, spatial interaction, urban land-use theory, urban images and decision-making concerning spatial behaviour are some examples of possible subjects of study.

Prerequisite: 78 credits or, for students with equivalent preparation, permission of the Urban Studies Coordinator.

Note: Not open to students who have taken AK/GEOG 4180 6.0.

AK/URST 4490 3.0 (4490 6.0) Directed Reading. Students will select one or two specific areas in which to do extensive reading and writing under the supervision of a faculty supervisor. This course may be used to develop material and ideas that will form part of a Research Paper.

Prerequisite: 78 credits and permission of the Urban Studies Coordinator.

Note: Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Programme Coordinator is also required.

AK/URST 4500 6.0 Research Paper. The Research Paper is normally the last course of an honours candidate. It is a major project carried out under the supervision of a faculty adviser.

Prerequisite: 114 credits and permission of the Urban Studies Coordinator.

Note: Students must be accepted by a faculty supervisor before they can register in this course. The course transaction form for such courses must be submitted with a note from the supervisor stating his/her willingness to perform this task. Permission of the Programme Coordinator is also required.

VISUAL ARTS, SEE FINE ARTS

WOMEN'S STUDIES

Note: Only Atkinson Degree Credit Exclusions are listed. Please consult the Women's Studies mini-calendar for Degree Credit Exclusion in other units.

AK/AS/GL/WMST 2500 6.0 On Women: An Introduction to Women's Studies. This course explores the social, political and economic institutions which shape women's lives and introduces key theoretical approaches within feminist scholarship to investigate specific feminist issues in areas such as women's writing, visual representations, family, race, sexuality, women and work. (Formerly AK/WMST 2000 6.0) (Same as GL/SOSC 2950E 6.0)

Note: Not open to students who have completed AK/WMST 2000 6.0.

AK/AS/GL/WMST 2500 6.0 (French) Femmes, savoirs et sociétés: Introduction aux études des femmes. Ce cours offre une étude pluridisciplinaire des positions accordées à la femme dans l'économie, le mariage, les professions médicales et légales et des divers mouvements, théories et expressions artistiques féministes. (Same as GL/SOSC 2950F 6.0)

Note: Not open to students who have completed AK/WMST 2000 6.0.

AK/AS/GL/WMST 2501 3.0 Language and Gender. This course explores the relationship between language and sex/gender systems from a feminist perspective. The main areas investigated are language and gender stereotypes; language, power and women's status; and male vs. female communicative style in different socio-cultural contexts. (Same as AS/LING 2410 3.0 and GL/SOSC 2900E 3.0)

AK/AS/GL/WMST 2502 6.0 Western Feminism in a Cultural Context. This course explores feminist ideas in Western culture, and the contexts within which these ideas were produced. We concentrate on works by or about women who question the inferior positions of women in many dominant ideologies, and propose individual or collective solutions.

AK/AS/GL/WMST 2502 6.0 (French) Écrits féministes: l'histoire occidentale. Ce cours présente et analyse dans leur contexte historique les arguments féministes en faveur d'une amélioration de la condition des femmes. Nous étudions des écrits des femmes, et à propos des femmes, qui questionnent les inégalités entre femmes et hommes, et qui en proposent des solutions individuelles ou collectives. (Same as GL/HUMA 2970F 6.0 and GL/Fran 2970F 6.0)

AK/AS/GL/WMST 2503 6.0 (French) Femmes francophones au Canada. Étude de la vie des femmes canadiennes françaises dans des régions différentes - le Québec, l'Ontario, le Manitoba et les Maritimes, utilisant des lettres, des journaux intimes, des autobiographies. L'expérience individuelle sera examinée dans le contexte historique. (Same as GL/HUMA 2980F 6.0 and GL/Fran 2980F 6.0)

AK/AS/GL/WMST 2504 3.0 Women and Education. This course critically explores gender patterns in the education process, including: the political economy of education, issues of inequality and access, and the gendered implications of different theories of learning and teaching styles. (Formerly AK/WMST 3001A 3.0/6.0) (Same as GL/SOSC 2600E 3.0)

AK/AS/GL/WMST 2504 3.0 (French) Les Femmes francophones et l'éducation. Ce cours présente et analyse le rôle des femmes francophones au Canada en tant qu'étudiantes et en tant qu'enseignantes au sein des divers systèmes d'éducation depuis le 18^e siècle jusqu'à nos jours. (Same as GL/SOSC 2600 3.0)

AK/AS/GL/WMST 2801 6.0 Women's Lives Today: Issues And Experiences. This course uses interdisciplinary approaches to explore various dimensions of women's lives today including ecology, education, spirituality, health, and culture. The course will investigate, from both a humanities and social science perspective, the complexity of women's lives today. (Same as GL/SOSC 2955 6.0)

AK/AS/GL/WMST 3500 6.0 The Meaning of Feminist Inquiry. This course examines the basic questions of feminist inquiry as they arise in theology, science, history, history of ideas, literature and the arts. It focuses in particular on how meaning is constructed in different discourses. (Formerly AK/WMST 3000 6.0) (Same as GL/HUMA 3610 6.0)

AK/AS/GL/WMST 3501 6.0 Feminist Research Methods. This course examines methodological and qualitative issues related to doing feminist research in the Social Science disciplines, including objectivity, standpoint theory, interdisciplinarity, feminist challenges to specific disciplines, inclusivity, methodological tools, and postmodernism. (Formerly AK/WMST 4300 6.0) (Same as AS/SOSC 3501 6.0 and GL/SOSC 3604 6.0)

AK/AS/GL/WMST 3501 6.0 (French) Méthodologies et recherches. Ce cours analyse les problèmes spécifiques que l'on doit surmonter lorsqu'on entreprend des recherches multidisciplinaires et interdisciplinaires en études des femmes. Le cours vise également à développer les méthodes de recherche requises par ces études. (Same as GL/SOSC 3604F 6.0)

AK/AS/GL/WMST 3502 6.0 Diversities of Women: Gender, Race and Class in a Western Context. This course examines gender, race/ethnicity and class as interacting social structures and lived experiences within a Western context. It reviews theories about how to understand these phenomena as well as issues affecting aboriginal, visible minority, working-class, and lesbian women's lives. (Formerly AK/WMST 3020 6.0)

Prerequisite: A 1000 or 2000 level 6.0 WMST course.

AK/AS/GL/WMST 3502 6.0 (French) Rapports sociaux d'ethnicité et de sexe. Ce cours élabore sur les problématiques de l'identité ethnique et des rapports sociaux de sexe et tente, à la fois, d'analyser leur articulation et d'identifier leurs moments de rupture et de solidarité.

Note: Not open to students who have completed AK/WMST 3020 6.0.

AK/AS/GL/WMST 3503 6.0 Contemporary Global Feminist Issues. This course reviews debates about the impact of colonization and development on women in a non-western context. It looks at how transformations in the global economy affect women's lives and how women organize globally and locally to empower themselves economically and politically. (Formerly AK/WMST 3010 6.0) (Same as GL/ILST/SOCI/SOSC 3665 6.0)

Prerequisite: A 1000 or 2000 level 6.0 WMST course.

AK/AS/GL/WMST 3503 6.0 Femmes et Mondialisation. Ce cours porte sur la situation des femmes dans un contexte de mondialisation. Il traite de l'impact de la colonisation, de la modernisation sur les conditions de vie des femmes et analyse leur capacité à s'auto-organiser économiquement et politiquement.

AK/AS/GL/WMST 3504 6.0 Women and Aging. This course analyses the experience of women as they move into old age. We analyse myths that surround the concept of old woman using story, biography, poetry and film. Topics include: sexuality beyond menopause; isolation and poverty; relationships between women. (Formerly AK/WMST 3001K 6.0) (Same as GL/HUMA 3604 6.0)

AK/AS/GL/WMST 3505 3.0 Gender and the City. This course examines the relationship between socially constructed gender relations and the changing nature and form of contemporary urban areas. (Same as AS/SOSC 3790A 3.0 and GL/SOSC 3617 3.0)

Prerequisite: AS/SOSC 2720 6.0 or WMST 2500 6.0.

AK/AS/GL/WMST 3507 3.0 (French) Les femmes et la santé. Sous une perspective historique et sociologique, ce cours aborde ces sujets: la santé physique et mentale des femmes, les traitements qu'elles reçoivent au sein de la profession médicale, leurs rôles en tant que guérisseuses au sein de cette profession. (Same as GL/NATS 3995E 3.0 and GL/SOSC 3995F 3.0)

AK/AS/GL/WMST 3508 6.0 Mothering and Motherhood. This course examines motherhood as it is theorized and analysed in interdisciplinary feminist scholarship and as it is portrayed in women's fictional and autobiographical writings. The course investigates the history and politics of motherhood with emphasis on class, cultural and racial differences. (Formerly AK/WMST 3040 6.0 and AK/WMST 3001N 6.0) (Same as AS/HUMA 3960 6.0 and GL/SOSC 3608 6.0)

AK/AS/GL/WMST 3509 6.0 Women Organizing. Women have a long tradition of organizing to expand their rights, resist oppression, challenge and defend traditional values, and to change their societies. This course documents and analyses the patterns of women's activism using historical, cross-cultural and contemporary sources. (Same as AS/SOSC 3125 6.0)

AK/AS/GL/WMST 3510 6.0 Women and Work: Production and Reproduction. This course explores the conditions of women's work, paid and unpaid. The historical development of a sexual division of labour and the roles played by the family, employers, trade unions and government policy in the gendering of jobs is examined. (Same as AS/SOSC 3130 6.0, AK/SOSC 3380 6.0 and GL/WKST 3610 6.0)

AK/AS/GL/WMST 3511 3.0 (English) Women's Sexualities. This course examines the constructions of women's sexualities historically and currently. The influence of religion, medicine, law, media and the state are critically examined as are women's attempts to shape their own sexuality as heterosexuals, bi-sexuals and lesbians. (Same as GL/SOSC 3625E 3.0)

AK/AS/GL/WMST 3511 3.0 (French) Femmes, sexualités, pouvoir. Ce cours examine les différents débats féministes actuels qui encadrent, et, à la fois, définissent la sexualité des femmes dans le milieu canadien d'aujourd'hui. Les lectures proposent d'analyser les structures socio-politique et économique qui influencent l'idéologie étatique à propos de la sexualité féminine. (Same as GL/SOSC 3990F 3.0)

AK/AS/GL/WMST 3512 6.0 Gender and the Law: International Perspectives. This course takes a comparative look at gender within the context of legal systems, with a focus on common law jurisdictions. Topics such as marriage breakdown, abortion and sexual assault are examined from both a Canadian and international perspective. (Same as GL/ILST 3600 6.0)

AK/AS/GL/WMST 3513 6.0 (French) Les femmes et la loi. Ce cours examine les questions relatives au sexe à l'égard des lois fédérales et ontariennes: la constitution canadienne, la nouvelle loi sur la famille, le droit criminel, le contrôle législatif du travail, la loi et la profession médicale, la loi et l'hébergement. (Same as GL/SOSC 3975F 6.0)

AK/AS/GL/WMST 3514 6.0 (French) Les femmes immigrées au Canada. Ce cours combine une analyse de la situation des femmes immigrées au Canada avec un travail sur le terrain, stratégie qui permet aux étudiantes d'examiner les orientations théoriques portant sur le statut des femmes immigrées par rapport aux situations actuelles. (Same as GL/SOSC 3695F 6.0)

Note: Not open to students who have completed AK/SOSC 3370 6.0.

AK/AS/GL/WMST 3515 3.0 Renaissance Women. This course explores the images of women, their activities, and their artistic and literary production in Europe between 1400 and 1600. Materials analyzed include historical, theological, medical, literary and artistic works by and about individual women and groups of women. (Same as GL/HUMA 3945 3.0)

AK/AS/GL/WMST 3515 3.0 (French) La femme à la renaissance. Les images, les activités, et les expressions de la femme en Europe entre 1400 et 1600. Les documents étudiés comprennent des œuvres historiques, théologiques, médicales, littéraires et artistiques réalisées par et sur des femmes ou groupe de femmes. (Same as GL/HUMA 3945 3.0)

AK/AS/GL/WMST 3516 3.0 Women and Politics. This course examines women's political position in advanced capitalist countries. The focus is historical, theoretical and issue-oriented. Issues examined include the politics of racism, sexuality, reproduction, pornography within formal political structures and community organizing. (Same as AS/POLS 3450 3.0 and AS/SOSC 3170 3.0)

AK/AS/GL/WMST 3800 6.0/3.0 Special Topics. The School of Women's Studies will occasionally offer special topics courses. Specific course proposals will be submitted as required and course descriptions will be published in the mini-calendar. (Formerly AK/WMST 3001 6.0/3.0)

A. Contemporary Women Playwrights (6.0)

C. Women and Therapy: Reclaiming Women's Voices (6.0)

AK/AS/GL/WMST 3800 6.0/3.0 Cours spéciaux. Les sujets changent chaque année. Prière de consulter le mini-annuaire du programme.

B. Racisme et Féminisme (3.0)

AK/AS/GL/WMST 4500 6.0 Feminist Theories. This course engages with theoretical debates within feminism. Sections may focus on jurisprudence, pedagogy, postmodernism, psychoanalysis, praxis/agency, or identity and difference. The course is informed by a range of political positions and addresses the complexity of differences based on race, class, ability and sexual identity. (Formerly AK/WMST 3030 6.0) (Same as AS/SOSC 4160 6.0 and GL/SOCI/SOSC 4685 6.0)

Prerequisites: Students must have completed WMST 2500 6.0 and at least 72 credits.

AK/AS/GL/WMST 4501 6.0 (French) Théories féministes. Ce cours propose une analyse comparative des différentes théories féministes et offre une méthode d'exploration et de compréhension de la division des sexes dans notre société. Il analyse également les pré-supposés et les implications socio-politiques et idéologiques de ces théories divergentes. (Same as GL/SOSC/SOCI 4685F 6.0)

Prerequisites: Students must have completed WMST 2500 6.0 and at least 72 credits.

AK/AS/GL/WMST 4502 6.0 Violence Against Women. This course examines gender-based violence in its many forms, such as domestic violence, state violence, legal violence (punishment) and cultural violence (rituals), and analyses the global context in which gender and power are constructed and violence against women is perpetuated and tolerated. (Same as GL/SOSC 4602 6.0)

Note: Not open to students who have completed AK/SOCI 3850 6.0 and AK/WMST 3001L 6.0.

AK/AS/GL/W MST 4502 3.0 (French) La femme et la violence. Ce cours examine la violence faite à la femme, les différentes formes dans lesquelles cette violence s'exprime et les diverses analyses féministes qui essaient de comprendre du point de vue théorique, socio-politique et psychologique les causes et les effets de cette violence. (Formerly AK/W MST 3001L 6.0) (Same as GL/SOSC 4602 3.0)

Note: Not open to students who have completed AK/SOCI 3850 6.0.

AK/AS/GL/W MST 4503 3.0 Politics of the Canadian Women's Movement. This course examines the politics of the Canadian women's movement, emphasizing its historical and contemporary development. We examine the suffrage movement, the inter-war years, and the development of second wave feminism in light of Canada's unique political structures and current challenges to feminism. (Same as AS/POLS4155 3.0 and GL/POLS4603 3.0)

AK/AS/GL/W MST 4504 6.0 (French) Groupes de femmes et travail communautaire en Ontario français. Ce cours permettra aux étudiantes d'acquérir une perspective théorique et une formation de travail pratique et communautaire auprès de groupes de femmes francophones en Ontario. Ce cours se divise en deux parties: l'une théorique, l'autre d'insertion et supervision. (Same as GL/WKST 4604 6.0)

AK/AS/GL/W MST 4505 6.0 Family Issues - Feminist Perspectives. This course explores feminist attempts to understand families within an international context. It reviews theoretical debates around key feminist issues, including the history of changing family forms, paid and unpaid labour, sexuality, violence and cross-cultural understandings of family.

Note: Not open to students who have completed AK/SOCI 2520A 6.0, AK/SOCI 3860 6.0, AK/SOCI 4290 3.0, AK/SOCI 4350 3.0, AK/SOCI 4060 3.0 or AK/SOSC 4170 6.0.

AK/AS/GL/W MST 4506 3.0 Colonialism and Women's History. This course draws on recent feminist studies to examine the history of the relations of race, gender and sexuality forged in selected contexts of European occupation and conquest and on the related reshaping of Western understandings of race, class and gender. (Same as GL/HIST 4606 3.0)

AK/AS/GL/W MST 4507 3.0 Writing Women's History. This course examines how feminist issues and theories have influenced the ways women's history has been written, the questions asked and the themes studied. Students are encouraged to develop the conceptual and methodological skills to undertake their own historical research. (Same as GL/SOSC/HIST 4670E 3.0)

AK/AS/GL/W MST 4550 6.0 Women and Aesthetics: The Canadian Context. This course focuses on women's creative works, both literary and artistic, and the social and cultural contexts of these creative productions. The course explores the connection between social reality, personal experience and women's creativity in the Canadian context. (Same as GL/HUMA 3940 6.0)

AK/AS/GL/W MST 4551 3.0 Women and Aesthetics: Modern European Contexts. This course focuses on women's creative works, both literary and artistic, and the social and cultural contexts of their creative productions. Literary and artistic works by women from Germany, Italy, Spain, Scandinavian countries and Eastern Europe will be examined. (Same as GL/HUMA 4651 3.0)

Prerequisite: WMST 2500 6.0 or by permission of instructor.

AK/AS/GL/W MST 4800 6.0/3.0 Special Topics. The School of Women's Studies will occasionally offer special topics courses. Specific course descriptions will be available in the mini-calendar. (Formerly AK/W MST 3001 3.0/6.0)

AK/AS/GL/W MST 4800 6.0/3.0 Cours spéciaux. Les sujets changent chaque année. Prière de consulter le mini-annuaire du programme.

AK/AS/GL/W MST 4801 3.0/6.0 Directed Reading/Travaux individuels. This course is designed to enable honours students to undertake a detailed independent study of their own choosing. The student will undertake intensive reading and writing in one or two selected areas. (Formerly AK/W MST 4100 3.0/6.0)

Note: Specific proposals are to be developed in consultation with a faculty member in Women's Studies and approved of by the Programme Office. Proposal forms are available from the programme office.

Prerequisite: WMST 2500 6.0 and 90 credits (including 24 in Women's Studies).

AK/AS/GL/W MST 4802 3.0 Gender and International Relations. This course explores theoretical and empirical issues raised by the consideration of gender in international relations (IR). We examine theoretical concerns raised by feminists and feminist IR scholars, and issues including: gender and the environment, militarism, international political economy and human rights. (Same as AS/POLS 4245 3.0)

The following Atkinson courses are acceptable for Women's Studies credit:

- AK/ADMS 3120 3.0 Women in Business
- AK/ECON 3790 6.0 Women's Work: Women in the North American Economy
- AK/EN 3000A 6.0 Female/Male Perspectives in Literature
- AK/EN 3100V 6.0 Feminist Writing
- AK/EN 3110E 6.0 Australian Women Writers
- AK/EN 3655 6.0 Women's Writing in Early Modern England
- AK/EN 4070 6.0 Canadian Women Writers
- AK/EN 4090 6.0 19th-Century Women Novelists
- AK/EN 4140 6.0 Studies in Poetry by Women
- AK/FILM 3230 6.0 Images and Women
- AK/FILM 4500 3.0 (4500 6.0) Special Topics
 - B. Sexual Politics in Film
 - E. Melodrama
- AK/HIST 2220 6.0 History of Women in Canada
- AK/HIST 3200 6.0 Social History of Women and the Family in Canada
- AK/HIST 3800 6.0 Women in Early European History
- AK/HIST 4130 6.0 Themes in Women's History
- AK/HUMA 3360 6.0 Modern Women Writers
- AK/HUMA 3370 3.0 Virginia Woolf
- AK/HUMA 3490 6.0 Feminist Theology
- AK/HUMA 3560 6.0 Images of Women in Western Culture
- AK/HUMA 3570 6.0 By and About Women
- AK/HUMA 3605A 3.0 De Beauvoir
- AK/HUMA 3605B 3.0 Gilman
- AK/HUMA 3605E 3.0 George Eliot
- AK/PHIL 3000 3.0 (3000 6.0) Special Topics in Philosophy
 - M. Thinking About Women Through Art
- AK/PHIL 3000R 3.0 Women and Philosophy: Issues in Motherhood, Reproduction and Creativity
- AK/PHIL 3770 3.0 Abortion and Persons
- AK/POLS 3690 6.0 Public Policy and the Politics of Equality
- AK/POLS 3730 6.0 Gender, Sex and Power
- AK/POLS 3780A 6.0 Women in Political Theory
- AK/POLS 3790 6.0 Women, Political Parties and Political Organization
- AK/PSYC 3700E 3.0 The Psychology of Women
- AK/PSYC 3700N 3.0 Psychology of Sexual Orientation
- AK/SOSC 3370 6.0 Immigrant Women in Canada
- AK/SOSC 3460 6.0 Women, Employment and Unions
- AK/SOSC 3580 6.0 Feminism and the Women's Movement
- AK/SOCI 3640C 6.0 Women, Racism and 'Race'

AK/SOCI 3641A 6.0 Women, Culture and Politics in India
AK/SOCI 3391R 6.0 Religion, Culture and Gender
AK/SOCI 3820 6.0 Sexuality and Intimacy
AK/SOCI 3830 6.0 Women's Health and Medical Practice
AK/SOCI 3850 6.0 Women, Violence and Social Policy
AK/SOCI 3860 6.0 Women, Work, and Family
AK/STS 3780 6.0 Biomedical Science in Social Context
AK/VISA 4440A 3.0 Feminism and Contemporary Art Production
AK/VISA 4500Q 3.0 Photography and Women
