

COURSE DESCRIPTIONS

CLASS CONTACT HOURS

Students should note that class contact hours and credits differ for many courses. The following example outlines (1) term of offering of the course, (2) assigned credits, and (3) class contact hours.

Every year, Fall 3(3-1-3)

This course is offered every year in the Fall term only. Students receive three credits for successful completion of the course. The course consists of three lecture hours, one seminar hour, and three laboratory hours per week (3-1-3).

For some practicum and internship courses, only the number of weeks or hours involved is listed.

PREREQUISITES, COREQUISITES AND CONSENT TO TAKE COURSES

A prerequisite must be completed before a student is eligible to register in a given course.

A corequisite must be taken prior to or in the same term as a given course.

Students who believe they have the background necessary to take a course may seek the written permission of the instructor to enroll without the normal pre- or corequisites. The waiver of a pre- or corequisite only grants permission to take a specific course and does not exempt the student from any program requirements. Students who wish to pursue credit for a course without having taken it should refer to 'Challenge Exams' (page 62).

GUIDELINES FOR DIRECTED STUDY COURSES

Directed study courses are those usually numbered 499. The purpose of these courses is to allow advanced students to further their study in a specific area of interest that is not addressed in scheduled course offerings or the periodic special topics courses. The courses will have the same if not more rigorous requirements as standard classroom courses. Students must have completed two senior-level courses in the

discipline in which they are requesting directed study, must have demonstrated the ability to do independent research and writing, and must normally be full-time students. Directed Study courses are available at the discretion of the faculty member.

Students desiring to do a directed study course must complete a Directed Studies Application, which is available through the Registration and Student Finance Office. Applications for directed study courses must normally be made to the proposed faculty supervisor 45 days prior to the commencement of the term in which the directed study course is desired. Students are advised to begin this process prior to the conclusion of the Winter term if the course is to occur in the Fall. The faculty supervisor and the student must together create a Directed Studies Syllabus. The Application must be signed by the faculty supervisor and the Faculty Dean. It, accompanied by the Directed Studies Syllabus, must be presented to the Registration and Student Finance Office to register in a directed study course.

PASS/FAIL COURSES

Certain courses in the curriculum are graded with a "pass" or "fail" (PA/FA). They are courses that involve practical activities and that could not easily be marked with precision. The course description will list whether a course is graded pass/fail. As in the case of other courses, the expectations for these courses are clearly stated in a course syllabus, and the requirements for a "pass" are clearly described. Such courses will not affect a student's GPA regardless of grade. Credits will be awarded if a student achieves a "pass". A student may apply as many as nine credits of this nature to all degree programs except for the B.Ed. where 28 credits is the maximum in the elementary program and 21 credits is the maximum in the secondary program.

100-level music courses are marked on a pass/fail basis but may not be taken for credit.

CROSS-LISTED COURSES

The King's University offers courses listed for credit under more than one discipline. The course may only be taken once for credit, regardless of the disciplinary

designation. The disciplinary designation of the course cannot be changed once the add/drop deadline has passed for the term in which the student has enrolled in the course. The requirements for a major, concentration or minor may require a course cross-listed with one a student has already taken. In this case, the student may request that the course be deemed to fulfil subject and credit requirements of the major, concentration or minor in the other discipline. In the event the cross-listed course is required in both disciplines, the course requirement is deemed to have been met for both. However, the credits can only be counted towards one discipline. To make such a request, students must submit a completed Program Exception form to the Registration and Student Finance Office.

COURSE CYCLING

The cycling of courses may change subject to budget approval.

ALL THINGS CONSIDERED

ATC 200 - All Things Considered: Tradition

TBA, Summer 3(3-1.5-0)

Who do you think you are? Where do you come from? What is your story? In this year's All Things Considered we will consider the theme tradition, the beliefs and practices that shape our understandings of self, community, church, and society. We live in a resolutely anti-traditional culture; yet, recognized or not, traditions shape the way we see the world and our identities as persons, as Christians, as citizens, as scholars. We examine tradition in an interdisciplinary context, drawing perspectives from arts and letters, social sciences, and natural sciences. What stories and traditions already shape us, for good or ill? What stories and traditions should shape us?

ART

Visual Art at King's provide students in all programs opportunities to enrich their general education with courses in the history of visual art and design in our society, and in practical studio courses by which they can grow as visual artists. As we create, select, present, and enjoy works of visual art we do so with these purposes: to respond to God's creation (which includes human art) with thanksgiving, to interpret with Christian critical insight, and to bless others with our gifts.

ARTH 200 - The Story of Art: An Introduction to Art History I

2019-20, Fall 3(3-0-0)

Art History 200 introduces the visual art and architecture of early world civilizations until the Late Medieval period (14th

century). Students discover artistic trends through time and across various cultures, learning to "read" and interpret the visual arts. The focus is on Western art and architecture's roots in ancient Egypt, Greece, and Rome through to the Middle Ages in Western Europe, but students will also see art of non-Western cultures, including but not limited to India, China, Japan, Africa, and the Middle East. By examining world cultures, students appreciate the histories, beliefs, and artistic productions of each culture individually, while forming an over-arching understanding of the meaningful contributions each makes to the discipline of art history as a whole.

ARTH 201 - The Story of Art: An Introduction to Art History II

2019-20, Winter 3(3-0-0)

Art History 201, a continuation of Art History 200, starts with the traditional transition in Western art, the Late Medieval period to the "rebirth" of art (as claimed by the artists of that time) in The Renaissance, and continues to art of the present day. The language of art is further developed and students will learn some keys to decoding that language. As with Art History 200, Western art and architecture will receive the greatest focus, however, non-Western cultural productions from the Late Medieval period to the present day will also be explored. Such cultures may include India, China, Japan, Africa, and indigenous arts of North America. The exploration of non-Western world cultural productions alongside those of Western cultures informs students of their continuing interactions throughout history, allowing them to form a more integrated world view.

ARTS 210 - Mixed Media

Every Year, Fall 3(0-0-6)

This studio course explores the principles of three-dimensional design, and develops skills in a variety of media and techniques: papier mache, assemblage, carving and modelling in various materials, and scale maquette. A wide range of painting and finishing techniques are employed. The use of found and recycled materials is emphasized. Students are expected to invest about \$25.00 in their basic tools. Materials are provided.

ARTS 211 - Illustration

Every Year, Winter 3(0-0-6)

This studio course explores the principles of two-dimensional design and develops skills in a variety of media and techniques. The final project - the complete design and illustration of a handmade storybook - is approached through weekly exercises in aspects of page design and illustration, including composition, typography, drawing in pencil and in ink, painting in water colours and in acrylics, simple printmaking, and collage. Students are required to purchase materials and equipment for this course, estimated at \$50.00.

ARTS 398 - Individual Projects in Visual Arts

Every Year, 1 to 3(Varies)

This course provides an opportunity to do more advanced and independent work in a visual art medium chosen by the student. The student will work closely with a member of the visual art faculty in setting the goals of the project, and be mentored by that faculty member through to project completion-normally public exhibition. Students should apply early to the co-operating faculty member and present a portfolio of visual artwork.

Prerequisites: Nine credits of ARTH 200, 201, ARTS 210, 211 and consent

ARTS 399 - Special Topics in Studio Art

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the studio arts faculty and offered on a non-recurring basis.

Prerequisite: Three credits of ARTS at the introductory level; some topics may have more specific prerequisites

ASTRONOMY

Astronomy focuses on the history and practice of studying motion in the heavens. Appreciate God's vast creation order through the telescope.

ASTR 200 - Introduction to Astronomy I

2019-20, Fall 3(3-0-3)

An introduction to the science of astronomy for non-science majors. The course will focus on the historical roots of astronomy and its relation to other sciences. Emphasis will be given to the practical aspects of observational astronomy, motion in the heavens, modern astrophysical theories of stars - their formation and evolution - as well as experimental techniques in astronomy. The course has both daytime and occasional evening lab components.

ASTR 201 - Introduction to Astronomy II

2019-20, Winter 3(3-0-3)

A continuation of Astronomy 200, the course will focus on galactic astronomy as well as a discussion of major ideas in cosmology. Topics will include structure and formation of the galaxy, experimental techniques in astronomy and the Big-Bang cosmology and possible alternative models. The course concludes with a return to the earth-sun system and the question of origins. The course has both daytime and occasional evening lab components.

ASTR 210 - Introduction to Astronomy I

2019-20, Fall 3(3-1-3)

An introduction to the science of astronomy for science majors. The course will focus on the historical roots of astronomy and

its relation to other sciences. Emphasis will be given to the practical aspects of observational astronomy, motion in the heavens, modern astrophysical theories of stars - their formation and evolution - as well as experimental techniques in astronomy. The course has both daytime and occasional evening lab components.

Prerequisites: Mathematics 30-1 and either Physics 30 or Science 30

ASTR 211 - Introduction to Astronomy II

2019-20, Winter 3(3-1-3)

A continuation of Astronomy 210, the course will focus on galactic astronomy as well as a discussion of major ideas in cosmology. Topics will include structure and formation of the galaxy, experimental techniques in astronomy and the Big-Bang cosmology and possible alternative models. The course concludes with a return to the earth-sun system and the question of origins. The course has both daytime and occasional evening lab components.

Prerequisites: ASTR 210 or Physics 30 and consent of instructor

ASTR 300 - Introduction to Astronomical Methods

Subject to demand, 3(0-1-3)

This course is intended as an introduction to astronomical methods of data acquisition and analysis with an emphasis on participation in faculty research projects. Use of the telescope and CCD photometer and appropriate techniques of data reduction and analysis will form the major content of the course. The course will culminate in the presentation of a research project. Students will be required to conduct evening research at The King's University College Observatory or other suitable facilities.

Prerequisites: ASTR 211, MATH 205, or PHYS 243

ASTR 399 - Special Topics in Astronomy

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the astronomy faculty and offered on a non-recurring basis.

Prerequisite: ASTR 210, 211; some topics may have more specific requirements

BIOLOGY

Biology seeks to describe the architecture of the living world. The origin, growth, reproduction, structure, function and interrelationships of living organisms are explored. Human stewardship of living and non-living matter is emphasized together with an appreciation of God's wonderful creative power.

BIOL 200 - Human Anatomy and Physiology

Every Year, Fall 3(3-0-3)

An introductory study of the human body which includes anatomy and physiology. The relationship between structure and function is emphasized.

This course meets the natural science (with lab) breadth requirement for the B.A., and it may meet biology major/concentration requirements. Same as KINS 200.

BIOL 204 - Insects and Humanity

2018-19, Winter 3(3-0-3)

Insects are often hated, sometimes loved, but seldom ignored. These minute creatures provide a window into the complexities of the biological world. This course offers a survey of the varied habitats and peculiar habits of insects, including their competition with humans for food and fiber and their role as disease agents.

This course meets the natural science (with lab) breadth requirement for the B.A. but does not meet major/concentration requirements in biology.

BIOL 207 - Human Anatomy

Every Year, Winter 3(3-0-3)

Introductory study of the human body which includes structural and functional components of selected systems. This course is designed to provide the student with a systematic description of the anatomical structure and function of the human body. Students will gain an understanding of human gross anatomy and a working knowledge of the integration of the human body's major physiological systems. Emphasis will also be placed on critical thinking, active questioning and an appreciation for health and disease from a gross anatomical perspective.

Same as KINS 207.

BIOL 210 - Cellular Introduction to Biology

Every Year, Fall 3(3-0-3)

An introduction to the structure and function of cells in organisms. Topics include the origin of life, the development of prokaryotic and eukaryotic cells, biological energy conversions, compartmentation of biochemical functions within the cell, inter- and intra-cellular communications. Molecular genetic analysis will be used to examine the control of cellular activities and their application in genetic engineering and biotechnology will be discussed.

Students with credit in BIOL 261 or BIOL 262 cannot receive credit in BIOL 210.

Prerequisites: Biology 30 or Science 30 (Students who intend to use Science 30 as a prerequisite must consult with and have the consent of the instructor.)

BIOL 211 - Organisms in their Environment

Every Year, Winter 3(3-0-3)

Organisms of all the major groups are affected by their environment and exert their influence on their environment and on each other. Topics will include a description of these relationships, of their development over time, and of theories of evolutionary development of these organisms.

Students with credit in BIOL 261 or BIOL 262 cannot receive credit in BIOL 211.

Prerequisites: Biology 30 or Science 30 (Students who intend to use Science 30 as a prerequisite must consult with and have the consent of the instructor.)

BIOL 307 - Human Physiology I

2018-19, Fall 3(3-0-0)

A introductory study of human physiology. This course examines the human physiological systems which are the basis of normal body function and homeostasis. Topics include chemical and cellular composition of the body, genetic control, cellular respiration and metabolism, nervous system and sensory physiological function.

Same as KINS 307.

Prerequisites: one of BIOL 207, BIOL 210, KINS 207

BIOL 320 - Introduction to Genetics

Every Year, Winter 3(3-0-3)

The cellular and molecular basis of heredity. Mendelian genetics and its chromosomal basis, linkage and genetic mapping in prokaryotes and eukaryotes, and changes in chromosome number will be studied. DNA as genetic material, the genetic code, replication, control of protein synthesis, the governance of gene action, and recombinant DNA techniques will receive emphasis.

Prerequisites: BIOL 210, 211

BIOL 330 - Ecology

Every Year, Fall 3(3-0-3)

Relationships among animals, plants and the non-living environment, energy flow, nutrient cycles, ecological succession, communities, populations; application of ecological principles to the modern world. Laboratory work focuses on using basic techniques of ecological investigation. Participation in a three-day, overnight field trip on Thursday, Friday and Saturday of the last weekend of September is required.

Prerequisites: BIOL 210, 211, CHEM 200, 201

BIOL 340 - Plant Diversity

2019-20, Fall 3(3-0-3)

A study of all the major plant groups. Representative organism of each group will be examined in terms of their anatomy, morphology, and life cycle. Classification and adaptation will receive special attention.

Prerequisites: BIOL 210, 211

BIOL 343 - Integrated Zoology

Every Year, Fall 3(3-0-3)

Integrated Zoology takes a systems based approach to understanding the connection between organismal form and function within a phylogenetic context. The selective pressures of a changing world and environmental conditions ensure that organisms are in continuous modification, becoming adapted to fill the endless niches found on earth through out geological time. The focus is on a comparison of body plans, morphology, and life cycles that facilitate the locomotion, reproduction, and homeostasis of organisms ranging from protozoans to the invertebrates and vertebrates. Laboratory exercises expose students to the diversity of living animals and demonstrate basic morphological specializations of representative organisms.

Prerequisites: BIOL 210, 211

BIOL 346 - General Microbiology

2019-20, Winter 3(3-0-3)

The organization, morphology and cell structure of microorganisms with emphasis on bacteria and fungi. Microbial growth and its control, aspects of medical and applied microbiology and microbial ecology are discussed. Laboratory exercises are designed to demonstrate basic microbiological techniques as well as relevant microbial activities and functions.

Prerequisites: BIOL 210, 211, CHEM 200, 201

BIOL 352 - Physiology of the Vertebrates

2019-20, Winter 3(3-0-3)

The physiological processes, from molecular- to organism-level, that allow animals to live in their environments are examined. Systems studied include gas exchange, circulation, hematology, digestion and excretion, sensory systems, osmoregulation, thermoregulation, and control mechanisms involving the endocrine system and the nervous system (CNS, PNS, and ANS). Themes of integration and homeostasis, the maintenance of a stable internal environment are also examined. Lab exercises illustrate the experimental study of physiological mechanisms with an emphasis on human physiology.

Prerequisites: BIOL 210, 211

BIOL 362 - Ethology

2019-20, Fall 3(3-2-0)

An overview of the evolution, function and development of animal behavior. Evolutionary processes (e.g. selection and adaptation), physiological processes (e.g. the nervous system and behavior), the behavior of individuals (e.g. development, learning, mating), and the ecology of behavior (e.g. foraging) are discussed.

Same as PSYC 370. This course does not meet the natural science (with lab) breadth requirement.

Prerequisites: PSYC 250 or 251, and PSYC 301 and 302 or BIOL 210 or BIOL 211

BIOL 364 - Brain and Behavior

Every Year, Winter 3(3-0-0)

A study of the relation between biology and behavior in humans. Topics include mind/brain issues, brain development, genes and behavior, structure and function of the nervous system, brain disorders, biopsychology of motivated disorders, drug abuse and lateralization. Foundational issues as well as biological details will be emphasized.

Same as PSYC 375. This course does not meet the natural science (with lab) breadth requirement.

Prerequisites: One of BIOL 200, 210, 211, PSYC 250 or 251

BIOL 391 - Biostatistics

2018-19, Fall 3(3-0-3)

An introduction to the design of experiments and analysis of data collected from field and laboratory studies in biology. Statistical software will be used extensively.

Prerequisites: BIOL 320, 330, STAT 300

BIOL 397 - Research Methods in Biology

Every Year, Winter 3(3-0-0)

Explores the contexts for the discipline of biology, including historical, methodological, ethical, and societal dimensions, as well as current biological topics of interest in basic research, industrial, and environmental settings. Ethical and professional responsibilities for biologists in industrial, research, and academic settings will be addressed, as well as other topics that explore the interface between biology and society. Research methods and skills in biology will be emphasized, including literature review, experimental design, scientific writing, scientific communication, and mentorship. A key requirement of each student is the preparation of a project proposal, and the review and critique of each others work. Students, faculty, and visiting speakers will give presentations. It is required by all three-year, and four-year biology majors, and is a prerequisite

for conduct an undergraduate research, either a Biol 494 or Biol 497.

Prerequisites: 6 credits in Biology at the 300 level

BIOL 399 - Special Topics in Biology

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the biology faculty and offered on a non-recurring basis.

Prerequisites: BIOL 210, 211; some topics may have more specific prerequisites

BIOL 422 - Molecular Cell Biology I

2018-19, Fall 3(3-0-3)

A detailed examination of the molecular basis of cell structure and function. Topics included are: cell culture, DNA replication and recombination, regulation of transcription, gene control in development, membrane structure and function, organelle biogenesis, cell-to-cell signaling, nerve cells, cytoskeleton, extracellular matrix, multicellularity, control of the cell cycle, cancer, and immunity. Special emphasis is placed on the tools of molecular genetic analysis. The laboratory work is designed to provide hands-on experience with current molecular genetics techniques.

Prerequisites: BIOL 320 Corequisite: BIOL 470 or CHEM 400

BIOL 423 - Molecular Cell Biology II

2018-19, Winter 3(3-1.5-0)

A continuation of BIOL 422.

Prerequisites: BIOL 470 or CHEM 400

BIOL 434 - Population Ecology

Subject to demand, Fall 3(3-0-3)

The principles of population ecology in plants and animals including: the population consequences of variation among individuals; habitat and population structure; habitat selection and foraging theory. Exploration of demographic tools for population dynamics (life tables and other models), the evolution of life histories, population dynamics, and population regulation through organism interactions (competition, predation, mutualisms).

Prerequisites: BIOL 330, and either MATH 200 or STAT 300

BIOL 436 - Conservation Biology

2018-19, Winter 3(3-1.5-0)

A discussion of the principles of conservation biology with applications to sustainable human society and biosphere integrity. This course develops the theoretical and applied basis for maintaining plant and animal populations considered endangered, threatened or at risk. It explores the complex

factors contributing to the decline, extinction, or recovery of species. The course develops a stewardship perspective rooted in biological principles, and ethical, historical and economic considerations. Local, regional and global conservation strategies are discussed.

This course does not meet the natural science (with lab) breadth requirement.

Prerequisites: BIOL 330

BIOL 438 - Plant Ecology

2019-20, Winter 3(3-0-3)

Topics covered in Plant Ecology include ecophysiology, population biology, the structure and dynamics of plant communities, ecosystems, and landscapes, and climate and vegetative interactions. Field methods and analysis techniques for studying plant ecology will be covered.

Prerequisites: BIOL 330 and STAT 300

BIOL 466 - Evolution, Genes, and Behavior

2020-21, Fall 3(3-0-0)

This course examines how evolutionary psychology and behavior genetics can illuminate our embodied nature, and explores the strengths, limitations and implications of these approaches for understanding the human cycle. This course also examines how research and theorizing in these two areas are influencing culture, via the media.

Same as PSYC 477.

Prerequisites: PSYC 250 or 251, and PSYC 301 or at least 6 credits in biology at the senior level

BIOL 470 - Biochemistry I

Every Year, Fall 3(3-0-3)

This course is designed to introduce students to biochemistry. The focus of the lectures is on the structure and function of the chemical constituents of living organisms. The lectures cover such topics as the energetics of biochemical reactions, amino acids and peptides, protein structure and function, enzyme kinetics, bioenergetics, carbohydrates and carbohydrate metabolism.

Same as CHEM 400.

Prerequisites: CHEM 351

BIOL 471 - Biochemistry II

2019-20, Winter 3(3-0-0)

This course is a continuation of BIOL 470. The topics covered include electron transport and oxidative phosphorylation, lipids and lipid metabolism, amino acid metabolism, nucleic acids and their metabolism, photosynthesis, the chemical structure of

genes and chromosomes, protein synthesis, and the structure and function of biological membranes.

Same as CHEM 401.

Prerequisites: BIOL 470 or CHEM 400

BIOL 474 - Chemistry of Ecological Relationships

Subject to demand, Winter 3(3-1.5-0)

An introduction to the chemical basis and mechanisms fundamental to the interaction between organisms. Topics included are: plant biochemical adaptation to the environment, chemistry of pollination, plant toxins, hormonal interactions between plants and animals, chemical basis for insect feeding preferences and vertebrate feeding preferences, animal pheromones, and chemical interactions between plants.

This course does not meet the natural science (with lab) breadth requirement.

Prerequisites: CHEM 351, BIOL 330

BIOL 478 - Modeling In Biology

2018-19, Winter 3(3-0-3)

An introduction to techniques and software programs used to model biological, chemical, physical or environmental phenomena. Laboratory work will be tailored to students' interests and needs.

Same as ENVS 478.

Prerequisites: BIOL 320, 330, MATH 200

BIOL 480 - History and Theory of Biology

Every Year, Fall 3(3-1.5-0)

The history of biology from early times to the present. Ideas influencing the study of biological phenomena, and the effects of biological developments upon human ideas and culture are discussed.

This course does not meet the natural science (with lab) breadth requirement.

Prerequisites: At least 9 credits in biology at the 300-level

BIOL 486 - Evolutionary Biology

Subject to demand, Winter 3(3-1.5-0)

Exploration of evolutionary processes, including the theoretical and experimental basis for the evolution of organisms. A survey of the fossil record, population genetics, variation, natural selection, adaptation and the mechanisms of species formation.

Special attention will be given to the history of evolutionary theory and its place in biology.

This course does not meet the natural science (with lab) breadth requirement.

Prerequisites: BIOL 320, 330

BIOL 494 - Senior Independent Project

Every Year, Winter 2(0-1-3)

In this course students conduct an independent project, designed in consultation with the instructor. This project may be an independent research project in the laboratories at the University, a cooperative project with a public agency, or a biological literature research project. Other ventures are possible. Before the work commences, the student is required to submit a detailed proposal. Upon completion of the project, the results must be presented in the form of a paper and a seminar.

Prerequisites: BIOL 397

BIOL 495 - Biology Seminar

Every Year, Winter, 1(0-1-0)

A weekly seminar through the winter term, exploring the contexts for the discipline of biology, including historical, methodological, ethical and societal dimensions, as well as current biological topics of interest in basic research, industrial and environmental settings. Ethical and professional responsibilities for biologists in industrial, research and academic settings will be addressed, as well as other topics that explore the interface between biology and society. Students, faculty and visiting speakers will give presentations. This course will meet concurrently with BIOL 395, and from time to time with CHEM 395/495. It is required for fourth-year biology majors. Mark for the course will be pass/fail.

Prerequisites: BIOL 397

BIOL 497 - Senior Thesis

Every Year, Full Year Course 5(0-0-5)

Independent full-year research project carried out under the mentorship of a faculty member. This project may be an independent research project in the laboratories at the University or a cooperative project with another laboratory or agency. Upon completion of the project, the results are presented in the form of a senior thesis and a seminar. The BIOL 497 thesis research can also be carried out in a summer of full-time research work at The King's University laboratories or as an intern.

Prerequisites: BIOL 397 and consent of the instructor

BIOL 499 - Directed Studies in Biology

Every Year, 1 to 3 (varies)

An opportunity to do advanced study of a special topic of particular interest to a student. Students work with a member of

the biology faculty. Students must apply in advance to a member of the biology faculty.

Prerequisites: Six credits in biology at the 300-level, and consent of instructor

BUSINESS

Business courses explore a wide array of areas including marketing, sales, small business/new technology entrepreneurship, organizational practices, ethics, and the history of Western business. While studying Commerce or Business Administration, you will discover how the Christian faith affects all of these subjects.

BUSI 200 - Introduction to Business

Every Year, Fall 3(3-0-1)

This course provides students with an introduction to the business environment, including from a global and societal perspective. Students will learn key concepts and apply them in a variety of simulated and real-world scenarios. Core areas covered include marketing, operations management, accounting and finance, management, entrepreneurship and worldviews.

BUSI 253 - Introduction to Financial Accounting

Every Year, Fall 3(3-0-1.5)

This course is about financial accounting - the preparation and reporting of financial information to users who are outside of a firm (e.g., creditors, shareholders, and tax authorities). This information is usually communicated through the preparation of a set of financial statements. This course will provide an understanding of how financial statements are prepared, and how the financial information they contain can be used and interpreted by various external decision makers. At the same time, the student will gain an understanding of assumptions and conventions that underlie accounting in general, and various financial statement components in particular.

BUSI 302 - Values Under Pressure (CHE Exchange)

Every Year, Winter 3(3-0-0)

As the network of globalized operations expand and the diversity in workplaces increases, individuals will need to become more culturally competent and responsive in order to effectively address issues, challenges, and opportunities that arise. This course will explore the implications of culture and diversity, as well as the development and practice of Christian faith, in the business context in Western Europe, particularly The Netherlands and Belgium. Students will study at Christelijke Hogeschool in Ede, Netherlands for two weeks. Through classroom lectures and field trip experiences, students will develop competence in the profession of business and ethics, explore European culture (including the EU) and the

current global crisis, and develop skills in cross-cultural leadership.

Prerequisites: One of BUSI 200, THEO 250, ENGL 204, EDUC 251, PHIL 230, POLI 205, or SOCI 200 and consent of the instructor

BUSI 320 - Statistics for Business

Every Year, Fall 3(3-0-1.5)

This course is an introduction to statistical methods and their application to business decision-making. Descriptive statistics, frequency distributions, probability and probability distribution, sampling distributions, statistical inference on means and proportions are examined. Hands-on experience in using a statistical analysis software package is provided. Students are expected to have basic familiarity with computer applications including spreadsheets.

Prerequisites: Mathematics 30-2

BUSI 335 - Consumer Behaviour

2018-19, Winter 3(3-0-0)

This course is designed to help marketers understand why consumers behave the way they do, and it examines how this can inform marketing decision making. Topics include various factors influence consumer behaviors such as psychology, sociology, economics, education, and culture.

Prerequisites: BUSI 200

BUSI 339 - Organizational Behavior And Management

Every Year, Fall 3(3-0-0)

This course will examine the relationship between human behaviour, managerial practices, and organizational outcomes. Theoretical and practical aspects of organizational behaviour will be explored from both micro and macro perspectives. Topics covered include self-awareness, perceptions and emotions, motivation, group dynamics, leadership, power and conflict, organizational structure and culture, decision-making, and organizational change. The overall objective of this course is to enable students to develop the foundational skills necessary to be an effective employee as well as manager.

Prerequisites: BUSI 200

BUSI 341 - Small Business Start-up and Management

Every Year, Fall 3(3-0-0)

An introduction to the process of setting up, developing and operating a small business in Canada, particularly in the West. The emphasis is on the managerial and strategic problems existing during the early years of business formation and growth, including sound business planning. This includes creation of a business plan, securing finance, selecting a site, developing products/services, marketing, and legal, ethical, and

environmental aspects of setting up a firm. The responsibilities inherent in each of these activities, as well as the resources required, are also reviewed.

Prerequisites: at least three credits at the 200 level in any discipline

BUSI 343 - Managing Public, Non-Profit and Voluntary Organizations

2018-19, Winter 3(3-0-0)

This course will study approaches to managing in the non-profit sector, particularly the unique programs and policies that are required for effective management practices. These practices will be contrasted with the approaches utilized in the private for-profit sector.

Prerequisites: BUSI 339

BUSI 344 - Human Resource Management

Every Year, Winter 3(3-0-0)

As organizations move rapidly into a knowledge-based economy, the strategic importance of effective human resource management become increasingly evident. This course aims to familiarize students with the key functions, concepts, and practices which characterize modern HRM. Issues examined include staffing, work design, reward systems, training and development, performance evaluation, union-management relationships, workplace health and safety, and legal concerns.

Prerequisites: BUSI 200

BUSI 345 - Cross-Cultural and Diversity Management

2018-19 Winter 3(3-0-0)

As the network of globalized operations expand and the diversity in workplaces increases, individuals will need to become more culturally competent and responsive in order to effectively address issues, challenges, and opportunities that arise. This course will explore the implications of culture and diversity on managerial and leadership approaches, business practices, communication and interpersonal relations, organizational and individual performances as well as overall workforce management - in both international and domestic settings.

Prerequisites: One of BUSI 200, THEO 250, ENGL 214, EDUC 251, PHIL 230, POLI 205, or SOCI 200

BUSI 346 - Family Business

2019-20, Winter 3(3-0-0)

Family owned enterprises present unique management issues which will be explored in this course, including: family vs. business value sets, integration of non-family managers,

taxation and inheritance, generational transition, exit strategies, governance structures and conflict management issues

BUSI 348 - Operations Management

2019-20, Fall 3(3-0-0)

This course introduces the concepts underlying effective operation and control within various organizations. Approaches to production control, inventory policy, facilities planning, methods improvement and technological assessment are studied. A balance between academic and real-life examples, applications and constraints are considered.

Prerequisite: BUSI 200

BUSI 353 - Intermediate Financial Accounting I

Every Year, Winter 3 (3-0-1)

This course focuses on elements of the Balance Sheet, Capital Assets, Current and Long-term Liabilities, Partnerships, Shareholders Equity, Investments and Cash Flow generated, and Taxes on Corporation Income. This course is available to first year B.Com. students.

Prerequisites: BUSI 253

BUSI 354 - Intermediate Financial Accounting II

Every Year, Fall 3(3-0-1)

Continues from Busi 353, Intermediate Financial Accounting I. Accounting for the Statement of Financial Position is completed, covering relevant IFRS and ASPE standards, disclosure and reporting for the liabilities and equity sections. Also examines the preparation and interpretation of the Statement of Cash Flows. Other topics covered include earnings per share, income taxes, pensions, leases, changes in accounting methods, and accounting errors.

Prerequisites: BUSI 353

BUSI 355 - Management Accounting

Every Year, Winter 3(3-0-1.5)

This course teaches cost terms, cost behaviour, costing systems, product costing, cost allocation, relevant costs for decision-making, budgeting and capital budgeting.

Prerequisites: BUSI 253

BUSI 356 - Intermediate Management Accounting

2018-19, Fall 3(3-0-1)

Covers decision analysis and strategy from a management perspective, activity-based costing and management techniques, customer relationships, process costing and performance management, life cycle costing, behavioral issues in management accounting and control systems, budgeting and investment planning and capital budgeting decisions.

Prerequisites: BUSI 355

BUSI 357 - Advanced Management Accounting

2018-19, Winter 3(3-0-1)

This course builds on the material covered in BUSI355 and BUSI356, emphasizing practice of the concepts and techniques learned to real-life case situations. In particular, the course provides practice in defining issues and applying management accounting knowledge. Topics include responsibility accounting, performance management and strategy analysis, control system design, and corporate governance.

Prerequisites: BUSI 356

BUSI 359 - Management Information Systems

2019-20, Fall 3(3-0-1)

Topics covered include the technology ecosystem, using information systems (IS) for competitive advantage, data collection and organization (databases), business process management, and security. Students will also gain experience through labs with hands-on technology projects (particularly Excel). The blending of the academic and lab work will result in a greater understanding of the strategic possibilities inherent at the crossroads of business and technology.

Prerequisite: BUSI 355

BUSI 361 - Tax Principles

2019-20, Winter 3(3-0-1)

Study of the basic principles of the Canadian income tax system. Topics covered include individual and corporate tax principles, GST, taxation of various income sources, calculation of net income, taxable income and taxes payable, income tax management and planning.

Prerequisites: BUSI 354

BUSI 365 - Business, Society and the Environment

2019-20, Winter 3(3-0-0)

Modern business operates within a complex web of relations with governments (at various levels), the rest of society and the natural environment. These interactions are mediated presently by a set of regulations, laws and voluntary programs with an uncertain (and contested) effect. Increasingly it is realised though, that business is embedded in and cannot exist without sound relations with society and nature. But this realisation is only slowly becoming an essential and integral part of both the internal decision logic of business and of its evolving relations with governments and other stakeholders in society. This course provides an overview of the unfolding evolution of these relations. It also examines the options for making earthkeeping and sustainable livelihood basic elements of healthy business and its functioning in its broader context. Resources for keeping abreast of this evolving and increasingly relevant field of action for business will be surveyed and evaluated.

Prerequisites: BUSI 200 and 6 credits of ECON 203, 204 or 315

BUSI 367 - Environmentally and Socially Sustainable Business

2018-19, Winter 3(3-0-0)

Social and environmental concerns can be addressed in many ways, including within a for profit framework. The deliberate combination of social and environmental purpose with profit has led to the development of several expressions of what has become known as social-purpose businesses. This course will survey and differentiate the variety of socially- and environmentally-oriented businesses that exist in the business landscape.

Prerequisites: BUSI 200 and successful completion of at least 54 credits

BUSI 369 - Commercial Law

2019-20, Winter 3(3-0-0)

This course gives students a practical knowledge of business law that enables them to participate in the managerial decisions of a business and allows them to recognize problems and situations that require the help of a lawyer. The basic content of the course consists of legal concepts, principles and precedents of commercial law and their application to business situations, especially through the case-study method.

Prerequisites: BUSI 200

BUSI 370 - Introduction to Finance

Every Year, Fall 3(3-0-1.5)

This course provides a general corporate framework for financial decision-making. The course examines: Introduction to Financial Management, the Canadian Financial System, and Environment; The Time Value of Money; Risk and Value; The Cost of Capital; Capital Budgeting: Certainty, Part I; Capital Budgeting: Certainty, Part II; Capital Budgeting: Uncertainty; Financing Decisions and Capital Structure; Dividend Policy and Retained Earnings; Financial Analysis and Planning; Financial Forecasting and Planning; Management of Working Capital; Sources of Long-term Capital; and Other Financial Topics: Mergers, International Financial Management, Corporate Reorganizations and Liquidation.

Prerequisites: BUSI 355, and one of STAT 300 or BUSI 320

BUSI 371 - Intermediate Finance

2019-20, Winter 3(3-0-1)

Examines financial and investment decisions from the corporation's perspective. The financial markets, the trade-off between risk and return, the firm's cost of capital, capital budgeting decisions, the firm's working capital management decisions and the derivatives markets are integral to the valuation of financial assets.

Prerequisites: BUSI 370

BUSI 381 - International Business

2018-19, Fall 3(3-0-0)

This course provides a comprehensive overview of the key aspects of international business, helping business leaders' see opportunities and manage challenges in the international marketplace. The course will cover legal, technical, cultural, and political environments. It will also present the fundamentals of international trade theory, foreign direct investment, regional economic integration, the mechanism of foreign exchange market and global capital market, and latest trade issues and agreements. Classroom activities and assignments are designed to integrate and apply frameworks, models, tools, and concepts to enable sound strategic choices.

Prerequisites: BUSI 200

BUSI 385 - Leadership

2018-19, Summer 3(3-0-3)

This course includes an overview of the various approaches to leadership theory, including trait-based, skills-based, situational, contingency, path-goal, leader-member exchange, transformational and servant leadership, and others. Leadership issues examined include: leadership development, roles of followers, management vs leadership, personality, faith perspectives, personal values, group status and dynamics. The course practicum normally entails an extended outdoor trip of 3-6 days and includes activities and supports for self and group reflection. (This course is normally taught online in summer semester with the practicum at the end of August)

Same as PSYC 385.

Prerequisites: Consent of instructor

BUSI 389 - Organizational Design and Change

Every Year, Fall 3(3-0-0)

We inevitably encounter organizations, both in work and leisure, everyday of our lives. This course examines how organizations are structured and how they change. Students will be introduced to the theories of why organizations look the way they do, to the principles of organizational design, to the theories of how organizations change, and to practical steps in initiating and accomplishing organizational change. Through these theories and tools, students will develop an appreciation for how organizations affect us, as well as skills in analyzing organizations and reshaping them in order for them to be more effective.

Prerequisites: BUSI 339

BUSI 391 - Statistics for Business II

Every Year, Winter 3(3-0-1.5)

Students will deepen their skills in data analysis and decision making under uncertainty using quantitative methods. Regression analysis, modeling, and time series forecasting are

applied to real data and business examples. The course also provides a basic understanding of optimization modelling, simulation modeling, and data mining. Students will learn to interpret output from statistical spreadsheets.

Prerequisites: BUSI 320, 396

BUSI 396 - Introduction to Marketing

Every Year, Fall 3(3-0-0)

This course starts with marketing vocabulary, concepts and techniques. It foregrounds the 4 P's of marketing: Product, Price, Place and Promotion. Students will also be introduced to such concepts as consumer behaviour and marketing research. We will evaluate modern marketing from a Christian worldview. Students will have an opportunity to develop critical skills through evaluating the marketing strategy of a specific product, service or concept of their choice.

Prerequisites: BUSI 200

BUSI 397 - Applied Business Simulation

2019-20, Winter 3(3-2-0)

Students will be introduced to the application of business theories in a complex, interactive, virtual business environment. Working in teams students will establish strategy and implement management decisions in the areas of operations, marketing, finance, and human resources. As well, teams will need to respond to various ethical dilemmas placed before them during the course of the simulation.

Prerequisites: BUSI 355, 396

BUSI 399 - Special Topics

Non-Recurring, 3(varies)

A course on a topic or field of special interest to a member of the commerce faculty and offered on a non-reoccurring basis.

Prerequisites: Consent of the Instructor

BUSI 401 - Advanced Financial Accounting

2018-19, Winter 3(3-0-1)

Complex areas of financial accounting including such things as business combinations, foreign currency translation and multinational operations, joint ventures, and not-for-profit organizations.

Prerequisites: BUSI 354

BUSI 410 - Topical Issues

Subject to Demand 3(3-0-0)

This course will give attention to the nature and impact of pressing current issues that affect all Canadian firms and which do not have easy solutions. The impact of these on various aspects of the business enterprise relevant to the particular issue will be investigated and possibilities suggested. This course will

be offered in alternative years and its content will be informed by the dynamics of business as an ongoing process.

Prerequisites: Twelve credits in business at the 300- or 400-level

BUSI 411 - Accounting and Business Management

Subject to demand, 3(3-0-2)

Provides an extension to the financial reporting and managerial accounting courses. This course melds the choice of accounting policies which impact external users and the perspective gained from approaching similar issues from an internal management perspective.

Prerequisites: BUSI 353, 355

BUSI 420 - Business Ethics

Every Year, Winter 3(3-0-0)

This course will emphasize that all business decisions have significant ethical content. It will explore the varied history of incorporating ethics into or attempting to eliminate it from business. The contemporary ethical challenges in the conduct of business will be examined from a Christian viewpoint and compared with other ethical stances. It is intended to help students develop and refine an ethical framework.

Prerequisites: PHIL 230 and BUSI 339, 370, 396

BUSI 430 - E-Commerce

2018-19, Winter 3(3-0-0)

In this course we will introduce a range of eCommerce opportunities and operations. This will include the structure, limitations and potential use, from a general management perspective, of information systems and networks. Exploring issues such as increasing productivity through technology, marketing in the electronic environment, and regulatory concerns will equip managers to direct business development while optimizing the human use of technology.

Prerequisites: BUSI 355

BUSI 439 - Marketing Research

TBA 3(3-0-0)

Marketing research is the systematic planning, collecting, analyzing and reporting of data relevant to marketing decision-making. In this course students will: a) gain familiarity with the tools and ethics of marketing research; b) learn by doing; ie. Design and execute a significant research project; and c) interpret and present the research results in a manner that allows the decision-maker to address his/her marketing problem or opportunity.

Prerequisites: BUSI 320 and BUSI 396 and ECON 203

BUSI 460 - Audit

2019-20, Winter 3(3-0-1)

Examines the economic role of financial statement auditing for public companies, addressing ethical requirements such as independence, competence and objectivity, management of audit engagements, audit objectives, analytical procedures, major accounting cycles, internal control and audit objectives, evidence gathering techniques, sampling, and reporting.

Prerequisites: BUSI 354

BUSI 461 - Opportunities and Issues in Globalization

2019-20, Fall 3(3-0-0)

This course creates awareness of the nature, development and implications of the powerful spread of trade and finance flows across the modern world. It analyses the positive and negative aspects of globalization and alerts students to the opportunities for responsible extension of economic activities (trade in particular) to countries, regions and parts of the world very different from Canada. The ethical, developmental and environmental dimensions of globalization will be integrated with the business aspects and options.

Same as ECON 461.

Prerequisites: ECON 203

BUSI 471 - Business Strategy

Every Year, Fall 3(3-0-0)

This course examines the tools of strategic management, including ethical considerations and responsibilities, for the formation of business strategy for the small to medium-sized business in the Canadian environment. It also examines corporate strategy and how it differs from business strategy. This course integrates core management principles and ethics with strategic analysis through the use of business cases. Students are required to register for both Business Core courses, BUSI 471 and BUSI 496, in the same school year. They are required to register for BUSI 471 in the Fall semester and BUSI 496 in the Winter semester of that school year.

Prerequisites: BUSI 339, 369, 370, 396 and 9 additional business credits

BUSI 489 - Internship Preparation

Every Year, Fall 1(1.5-0-0)

This course provides students with the preparatory tools, guidance, knowledge and skills to successfully seek, secure, and engage in their internships. Students will develop their internship learning plans and internship search portfolio. As well, students will attend industry forums and interview field practitioners to familiarize themselves with opportunities and challenges of working in various industries and professional fields. Students will use these knowledge and skills to seek, secure, and engage in internships that will enhance their

business/management skills as well as provide them with genuine career opportunities.

Prerequisites: Successful completion of the first 2 years of the Commerce Program and permission from the Internship Coordinator or Academic Supervisor.

BUSI 490 - Internship Placement

Every Year, 2(160 Hours)

The internship allows students to apply in a work setting, the knowledge, tools and skills gained from a combination of theoretical and practical business/management training facilitated by the Commerce program. It consists of a 160-hour work placement with either a for-profit or non-profit organization. Grading will be based on employer evaluation and student's performance on mandatory activities and reports. Mark for the placement will be pass/fail. Students may complete their internships in either Winter or Spring semester only. No Fall placements will be accepted.

Prerequisites: BUSI 489 and permission from the Internship Coordinator or Academic Supervisor.

BUSI 496 - Senior Business Project

Every Year, Winter 3(0-3-0)

This course provides students who expect to graduate with a first concentration in business administration with the opportunity to work closely with faculty members on a project, either a research project or a practicum, which will allow them to pursue some facet of their business studies in a more concentrated way. Students are required to register for both Business Core courses, BUSI 471 and BUSI 496, in the same school year. They are required to register for BUSI 471 in the Fall semester and BUSI 496 in the Winter semester of that school year.

Prerequisites: BUSI 471

BUSI 499 - Directed Studies in Business

Every Year, 1 to 3 (varies)

This course gives an opportunity to do intensive study of some area of business of particular interest to the student. Students work closely with a member of the business or economics faculty in tutorials. Students must apply in advance for directed studies to the faculty member involved.

Prerequisites: Six credits in business at the 300- or 400-level, and consent of instructor

CHEMISTRY

Chemistry is about discovering and interacting with the molecular world. Chemistry provides deep knowledge about the composition, and activity of molecules, and how we describe this world with theories and models. Chemistry is also about creating new molecules based

on the patterns and theories we have discovered. Finally chemistry is about using molecules and chemical knowledge to change the world, bringing healing and reconciliation to all of creation.

CHEM 200 - Introductory Chemistry I

Every Year, Fall 3(3-0-3)

This course provides a general introduction to the nature and vocabulary of chemistry, followed by a survey of current chemical models of bonding, structure and reactivity. The course introduces chemistry in contexts that are important to you as a student, and to our planet. Topics include chemical stoichiometry, the gaseous, liquid and solid states, atomic and molecular structure, molecular stability and reactivity, and the electronic structure of atoms.

Prerequisites: Chemistry 30 or Science 30 (Students who intend to use Science 30 as a prerequisite must consult with and have the consent of the instructor.)

CHEM 201 - Introductory Chemistry II

Every Year, Winter 3(3-0-3)

This course teaches students to see the connection between chemistry concepts and the way humanity uses chemistry to change the world. The course begins with a discussion of the models that chemists use to describe bonding. This is followed by a study of thermodynamic equilibria, including solubility, and acid and base chemistry. The importance of redox chemistry and thermodynamic energy are explored followed by a discussion of reaction kinetics.

Prerequisites: CHEM 200

CHEM 290 - Concepts of Chemistry

Every Year, Winter 3(3-0-3)

A survey of fundamental concepts central to chemistry, with emphasis on demonstrating the importance of chemical phenomena to the everyday experiences of the student. Examples will be drawn from the chemistry of the environment, the marketplace and living systems.

This course meets natural science (with lab) breadth requirements for the B.A. but does not meet major/concentration requirements in chemistry.

CHEM 310 - Analytical Chemistry I

2018-19, Fall 3(3-0-3)

This introduction to quantitative analytical chemistry particularly emphasizes the modern instrumental techniques of spectroscopy and chromatography important to both chemistry and biochemistry. Spectrophotometry, solvent extraction, liquid chromatography, high-pressure liquid chromatography, gas-chromatography, and potentiometry utilizing ion-selective electrodes are among the methods studied. An introduction to

questions of precision, accuracy and sampling will also be given.

Prerequisites: CHEM 201

CHEM 311 - Analytical Chemistry II

2018-19, Winter 3(3-0-3)

A continuation of CHEM 310, this course focuses on the fundamental chemistry underlying quantitative analysis. Particular emphasis is given to the response of a chemical system at equilibrium to changes in various parameters and to the proper collection and treatment of analytical data. The focus in the laboratory is on gravimetric and volumetric techniques.

Prerequisites: CHEM 310

CHEM 341 - Introduction to Inorganic Chemistry

2019-20, Fall 3(3-0-3)

This course is an introduction to inorganic chemistry. The course starts with a discussion of the origin of the elements and formation of simple molecules. The chemistry of both main group and transition metals are explored by focusing on theories of structure, bonding, and the properties of organometallic complexes and non-molecular solids. The course will pay special attention to the way inorganic chemistry is important for alternative energy and bioinorganic chemistry.

Prerequisite: CHEM 201

CHEM 350 - Organic Chemistry I

Every Year, Fall 3(3-0-3)

The chemistry of carbon compounds. Structure-reactivity relationships, mechanism, stereochemistry, and spectroscopy are emphasized in the study of the main classes of organic compounds. Particular attention is paid to compounds of importance to biology and the chemical industry.

Prerequisites: CHEM 201

CHEM 351 - Organic Chemistry II

Every Year, Winter 3(3-0-3)

A continuation of CHEM 350.

Prerequisites: CHEM 350

CHEM 370 - Energetics and Chemical Reactions

2019-20, Winter 3(3-0-3)

This course focuses on developing an understanding of the energetics and rates of reactions. Key topics include macroscopic thermodynamics, statistical thermodynamics, and kinetics.

Prerequisites: CHEM 201, MATH 205; PHYS 241, 243 are recommended

CHEM 371 - Quantum Mechanics and Spectroscopy

2018-19, Fall 3(3-0-3)

This course focusses on developing a quantum mechanical understanding of chemistry. Quantum mechanical models are developed and applied to help students understand rotational, vibrational, electronic spectroscopy, and bonding. The connection to quantum chemical calculations is explored. NMR spectroscopy is also discussed from a quantum mechanical perspective.

Prerequisites: CHEM 370

CHEM 395 - Chemistry Seminar

Every Year, Full Year Course 1(0-1-0)

A weekly seminar through the entire academic year, exploring the contexts for the discipline of chemistry, including historical, methodological, ethical and societal dimensions, as well as current chemical topics of interest in basic research, industrial and environmental settings. Ethical and professional responsibilities for chemists in industrial, research and academic settings will be addressed, as well as other topics that explore the interface between chemistry and society. Students, faculty and visiting speakers will give presentations. This course will meet concurrently with CHEM 495, and from time to time with BIOL 395/495. It is required for third-year chemistry majors. First and second year students are strongly encouraged to attend presentations.

Prerequisites: Six credits in chemistry at the 300-level

CHEM 399 - Special Topics in Chemistry

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the chemistry faculty and offered on a non-recurring basis.

Prerequisites: CHEM 200, 201; some topics may have more specific prerequisites

CHEM 400 - Biochemistry I

Every Year, Fall 3(3-0-3)

This course is designed to introduce students to biochemistry. The focus of the lectures is on the structure and function of the chemical constituents of living organisms. The lectures cover such topics as the energetics of biochemical reactions, amino acids and peptides, protein structure and function, enzyme kinetics, bioenergetics, carbohydrates and carbohydrate metabolism.

Same as BIOL 470.

Prerequisites: CHEM 351

CHEM 401 - Biochemistry II

2019-20, Winter 3(3-0-0)

This course is a continuation of CHEM 400. The topics covered include electron transport and oxidative phosphorylation, lipids and lipid metabolism, amino acid metabolism, nucleic acids and their metabolism, photosynthesis, the chemical structure of genes and chromosomes, protein synthesis, and the structure and function of biological membranes.

Same as BIOL 471.

Prerequisites: BIOL 470 or CHEM 400

**CHEM 440 - Environmental Chemistry
(Atmosphere/Environmental Organic)**

2019-20, Winter 3(3-0-3)

This course is an introduction to the chemistry of the environment and chemical toxicology. A study of chemical processes occurring in the atmosphere, natural and wastewaters, and soils. Mechanisms for the introduction of pollutants to the environment and methods for the removal of pollutants are studied. The focus is on anthropogenic sources of pollutants and their speciation, transport, and interaction with natural processes.

Prerequisites: CHEM 201, 351 (pre- or corequisite)

CHEM 441 - Environmental Chemistry (Soils/Water/Waste)

2018-19, Fall 3(3-0-3)

This course is an introduction to the chemistry of the environment with an emphasis on water, soil and waste. Natural and contaminated surface and ground water will be covered as well as oceans. Soil chemistry will include a discussion of the chemical and physical properties of soil and will include discussion of the fate of and transport of both inorganic and organic pollutants. Chemical aspects of the generation, fate and disposal of wastes including domestic, industrial and nuclear will also be included.

Prerequisites: CHEM 350

CHEM 442 - Industrial Chemistry

2019-20, Fall 3(3-1.5-0)

An introduction to the major industrial chemical processes and chemicals. Emphasis will be given to processes and chemicals important in western Canada such as: heavy inorganic chemicals, petrochemical, forestry, agricultural, metallurgical, electronics and polymer industries. Resource persons from industrial research and development departments will participate extensively in the course and field trips to various facilities will be included.

Prerequisites: CHEM 351

CHEM 445 - Advanced Inorganic Chemistry

2018-19, Winter 3(3-0-3)

This course explores the structure, bonding, and reactivity of main group and transition metal compounds based on an understanding of molecular symmetry and molecular orbital theory. It also introduces more detailed descriptions of the reactivity of transition metal complexes and their role in catalysis.

Prerequisites: CHEM 341, 371

CHEM 450 - Advanced Organic Chemistry

2019-20, Fall 3(3-0-3)

The correlation between structure and reactivity of complex organic molecules is studied through reaction mechanisms. Concepts important to theoretical organic chemistry are introduced and applied. Laboratories focus on synthetic organic chemistry and physical organic techniques. Microscale organic techniques are utilized in the laboratory, as well as computer modelling of organic structures.

Prerequisites: CHEM 351

CHEM 460 - Synthesis, Purification, and Characterization

2019-20, Winter 3(2-0-4)

An advanced, integrated laboratory course utilizing synthetic methods from organic, inorganic and biochemistry. Students will perform a series of multi-step syntheses, followed by product purification and characterization, using chromatographic and spectroscopic methods extensively. Synthetic techniques will include solid-phase synthesis and work with air-sensitive materials.

Prerequisites: CHEM 351

CHEM 494 - Senior Independent Project

Every Year, Fall and Winter 2(0-1-3)

In this course students conduct an independent project, designed in consultation with the instructor. This project may be an independent research project in the laboratories at the University, a cooperative project with a public agency, or a chemical literature research project. Other ventures are possible. Before the work commences, the student is required to submit a detailed proposal. Upon completion of the project, the results must be presented in the form of a paper and a seminar.

This course is only open to students registered in the 3-year B.A. or B.Sc. chemistry degree program and students in the environmental studies chemistry degree program.

Prerequisites: Six credits in chemistry at the 300-level

CHEM 495 - Chemistry Seminar

Every Year, Full Year Course 1(0-1-0)

A weekly seminar through the entire academic year, exploring the contexts for the discipline of chemistry, including historical, methodological, ethical and societal dimensions, as well as current chemical topics of interest in basic research, industrial and environmental settings. Ethical and professional responsibilities for chemists in industrial, research and academic settings will be addressed, as well as other topics that explore the interface between chemistry and society. Students, faculty and visiting speakers will give presentations. This course will meet concurrently with CHEM 395, and from time to time with BIOL 395/495. It is required for fourth-year chemistry majors. First and second year students are strongly encouraged to attend presentations.

Prerequisites: Six credits in chemistry at the 300-level

CHEM 497 - Senior Thesis

Every Year, Full Year Course 4(0-0-4)

Independent full-year research project, carried out under the mentorship of a faculty member. This project may be an independent research project in the laboratories at the University or a cooperative project with another laboratory or agency. Upon completion of the project, the results are presented in the form of a senior thesis and a seminar. The CHEM 497 thesis research can also be carried out in a summer of full-time research work at The King's University laboratories or as an intern.

Prerequisites: Twenty four credits in chemistry at the senior level

CHEM 499 - Directed Studies in Chemistry

Every Year, 1 to 3 (varies)

An opportunity to do advanced study of a special topic of particular interest to a student. Students work with a member of the chemistry faculty. Students must apply in advance to a member of the chemistry faculty.

Prerequisites: Six credits in chemistry at the 300-level, and consent of instructor

COMMUNICATION ARTS

Communication Arts explores how people create and sustain relationships and pursue goals by inventing, combining and interpreting systems of symbols. Studies in this highly interdisciplinary field include the formation of Christian perspectives on communication and application of those insights in spoken, written, embodied, graphic, musical, broadcast, published and wired messages. A minor or second concentration in

Communication Arts is assembled from a wide array of communications-related disciplines centred on basic message-making concepts and strategies. Students of communication become purposeful, principled and versatile communicators in business, institutional, not-for-profit and cultural sectors. See the requirements for Minor/Second Concentrations for related courses.

CMNA 201 - Introduction to Communication Arts

Every Year, Winter 3(3-0-0)

This course introduces contemporary functional models of human communication, and proposes a Christian alternative perspective in which we are called to bless and serve society through a wide diversity of communicative forms. Guest speakers apply this perspective to a broad array of communications disciplines, and students use the model to critique communication exchanges varying from intimate interpersonal communication to mass media products.

CMNA 350 - Introduction to Motion Picture Production

2018-19, Winter 3(3-0-3)

This course will examine the global film industry as both an art form and a business. Students will experience selected motion picture production activities in order to enhance their appreciation of the industry. This class will include lectures on film, viewing and discussion of film and practical experience in motion picture production. As a final project each student will produce their own short video.

Same as DRAM 350.

Prerequisites: 3 credits of Drama or 3 credits of Communication Arts or consent of the department

CMNA 395 - Journalism: Producing and Consuming "The News" in the 21st Century

Every year, Fall 3(3-0-3)

This is an applied writing course about news journalism in a variety of media, its function as business, art, and public service, and how the character of "The News" changes with new technology and social media. It examines what is included and excluded from "The News" and the impact of those choices on news consumers. Interviewing, journalistic ethics, liability, writing news stories and opinion pieces, and critical reflection on the role of "The News" in society will all be introduced. Media professionals in news-related careers will present. Students will contribute to the King's student newspaper.

Students who do not possess the prerequisite may have it waived upon demonstration of writing competence.

Prerequisites: ENGL 215

CMNA 396 - Intro To Editing & Publishing (formerly ENGL 396)

Subject to demand, 3(3-0-3)

This applied writing course introduces students to the technical aspects of the production of college student publications, including type composition, proof-reading, layout, and desktop publishing. Students will study newspaper format, design, and style, and will be introduced to the task of editing. The lab for the course involves membership on the staff of a student publication and either writing for the publication or participating in the technical production of the publication.

This course does not meet course requirements for a major/concentration in English. Students who do not possess the indicated prerequisites but who have a strong writing

Prerequisites: ENGL 215

CMNA 399 - Special Topics in Communication Arts: Documentary Video Production

Subject to demand, 3(varies)

This course is an introductory exploration of the documentary genre, covering both the history and form of documentary film through a survey of significant films and filmmakers, as well as initiating students in the basics of their own documentary projects. For much of its history, documentary has taken a back seat in pop culture behind fictional film and TV, and even though the last 25 years has seen a surge in interest, documentary can be described as insignificant to a large portion of modern audiences. Still, the adoption of many documentary characteristics by fictional genres, and the question of reality displayed in Reality TV and Alternative News, reminds us that documentary is at the forefront of all screen-based media, defined as "the creative treatment of actuality." The increasing accessibility of cameras and filmmaking technology also means that more and more people are creating screen-based media, and participating in an increasingly diverse and global conversation. This course seeks to explore questions around documentary film's relationship to truth-telling, the human voice, and the complications of filmmaker bias. Unsurprisingly, biblical themes overlap with this medium in significant ways, including bearing witness and speaking truth to power, and the course will articulate a Christian vision for engagement in documentary film, both as audience and as content creators. This course includes a lab component that will begin later in the term, in which students will learn basic tools of documentary production. They will produce and present an interview, a group short doc, an individual short doc, as well as pitch a treatment for an original feature length documentary film. In the spirit of the theme of the course, the instructor's bias transparently offered is that documentary film is perhaps the most interesting creative medium there is right now, and the hope is that students will discover the primacy of the documentary for our screen-saturated present.

Prerequisites: 3 credits of Drama or 3 credits of Communication Arts

CMNA 499 - Directed Studies in Communication Arts

Every Year, 1 to 3 (varies)

An opportunity to do intensive study of a special topic or applied communications project of particular interest to the student. Students work closely with a Communication Arts, Drama, or Visual Art faculty member in tutorial meetings. For directed studies in communication, students must apply in advance to the cooperating faculty member, and propose a subject of study.

Prerequisites: 6 credits in Drama or Communication Arts courses, three of which should be at the 300 level or higher

COMPUTING SCIENCE

Computing Science examines the use of algorithmic machines to solve problems, computer and software design, programming, information processing. It is inherently multidisciplinary drawing on insights from mathematics, logic, engineering, sociology and psychology. Computing contributes to nearly every area of academic pursuit, providing technique for the expansion of knowledge. Computing has moved to the core of how our society works, providing the means by which information is captured, analysed, manipulated, transmitted and stored. Given such a pivotal role for computing in our society, developing a Christian perspective is essential to examining fundamental assumptions inherent in the technology as well as to moving carefully in its further development.

CMPT 250 - Introduction to Computing Science

Every Year, Fall 3(3-0-3)

An overview of computing concepts and technologies. Topics include: the history of computing, computing hardware, operating systems, application software, networks, and a discussion of the role of computing and information technologies in society.

CMPT 275 - Introduction to Programming and Problem-Solving

Every Year, Fall 3(3-0-3)

An introduction to programming and a high-level, object-oriented programming language. Emphasis will be on programming as a problem-solving process which includes analysis, design, coding, testing, implementation and maintenance. Topics include: structured programming, modular design, data objects, variables, assignment, selection, iteration, procedures and functions, arrays and records. Object-oriented programming will be introduced. This course is open to first year students in the Computing Science program.

Co-Requisite: CMPT 250

CMPT 302 - Data Structures

Every Year, Winter 3(3-0-3)

The objective of this course is to introduce the basic concepts of programming data structures, including how to select and design data structures that are appropriate for particular applications. Topics include stacks, queues, lists, trees, search trees, graphs, and sets. This course provides a mixture of theoretical knowledge and practical experience. The study of data structures and algorithms is carried out within an object-oriented framework and programming language.

Prerequisites: CMPT 275

CMPT 304 - Web-Application Design (formerly CMPT 260)

2019-20, Fall 3(3-0-3)

This course includes description of Internet technologies, patterns, frameworks and best practices in the design and development of modern Web-application. The overall architecture of Internet applications will be examined. Students will use a current Internet development platform to create real-world Internet applications, involving client-side and server-side scripting, data security and dynamic connectivity. The social issues related to Internet applications will be discussed.

Prerequisites: CMPT 275

CMPT 305 - Object-Oriented Programming

Every Year, Fall 3(3-0-3)

This course will further develop object-oriented analysis, design and programming. Topics include: objects, classes, methods, messages, parameters, inheritance, encapsulation, polymorphism, reuse, algorithmic construction and distributed systems.

Prerequisites: CMPT 275

CMPT 310 - Database Management Systems

2019-20, Winter 3(3-0-3)

A study of the structures and implementations of database management systems. Topics include: data models, normal forms for data relations, data description languages and query facilities.

Prerequisite: CMPT 304

CMPT 315 - Real Time Animation and Game Design

2019-20, Winter 3(3-0-3)

The objective of this course is to introduce the programming tools and techniques for creating interactive games and virtual reality simulations, and will focus primarily on programming aspects, including event loops and execution threads, rendering and animation in 3D, and multi-user games and networking. Other topics will include the history of computer/video game

technology, game genres and design principles, and the social impact of games.

Prerequisites: CMPT 275, MATH 221

CMPT 320 - Software Engineering

2019-20, Fall 3(3-0-3)

This course is designed for students to work in groups on suitable projects to familiarize them with software engineering principles. This course will concentrate on Unified Software Development and Use Cases. Topics include: requirements specification, functional and object-oriented design, verification and maintenance, environments and engineering tools, the software lifecycle, human-computer interface, social and ethical issues.

Prerequisites: CMPT 305

CMPT 330 - Concepts of Operating Systems

2019-20, Fall 3(3-0-3)

An overview of the major concepts of operating systems. Students will be introduced to some of the major operating systems through lectures and laboratory exercises. Topics include: operating system functions, system structure, memory management, correctness, scheduling, concurrent process co-ordination, secondary storage and file systems.

Prerequisites: CMPT 370

CMPT 340 - Programming Language Concepts

2018-19, Winter 3(3-0-3)

This course will survey the major types of programming languages. Topics include: programming language paradigms (imperative, logic, functional and object-oriented), parameter passing, control structures, data types and typing mechanisms, binding rules.

Prerequisites: CMPT 370

CMPT 350 - Computer Architecture

2018-19, Fall 3(3-0-3)

A study of the basic principles and issues of computer organization and architecture. Topics include: the Von Neumann architecture, CISC and RISC architectures, one and two pass assemblers, loaders and linkers, macro-processors, compilers, interpreters and operating systems.

Prerequisites: CMPT 275

CMPT 360 - Discrete Mathematics

2019-20, Fall 3(3-0-1.5)

An introduction to formal logical reasoning and mathematical theory in computing science. Topics include: fundamental logic, set theory, induction, relations and functions, languages, the

principle of inclusion and exclusion, generating functions and recurrence.

Same as MATH 360.

Prerequisites: MATH 200

CMPT 370 - Algorithm Analysis

2018-19, Fall 3 (3-0-3)

Introduction to algorithm analysis, asymptotic notation, and different types of algorithmic techniques (divide and conquer, greedy methods, dynamic programming, backtracking and local search methods), fundamental algorithms for searching and sorting, merging, hashing and graphing. Analysis techniques to estimate program efficiency will also be considered.

Prerequisites: CMPT 302

CMPT 375 - Introduction to Artificial Intelligence

2018-19, Winter 3(3-0-3)

This course introduces students to the field of Artificial Intelligence (AI) focusing on game playing, constraint satisfaction problems, and uncertain reasoning. AI algorithms enable computers to compete with humans in games such as Chess, Checkers, and Go. Constraint satisfaction problems search large solution spaces for answers meeting requirements. Uncertain reasoning enables inferences using incomplete knowledge. Throughout the course students will reflect on the relationship between human intelligence and artificial intelligence.

Prerequisites: CMPT 370

CMPT 399 - Special Topics in Computing Science

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the computing science faculty and offered on a non-recurring basis.

Prerequisites: CMPT 250; some topics may have more specific prerequisites

CMPT 400 - Computer Networks

2019-20, Winter 3(3-0-3)

An overview of the field of computer networking. Topics include architecture, layering, multiplexing, addressing and address mapping, routing, naming, network software development, distributed systems, security and the Internet.

Prerequisites: CMPT 330

CMPT 405 - Software Testing and Security

2019-20, Winter 3(3-0-3)

This course addresses problems and solutions for long-term software maintenance and evolution, and for large-scale, long-

lived software systems. Topics include software engineering techniques for large-scale projects, commercial-grade software testing of complex projects, legacy software systems, software evolution, software maintenance, re-use and programming efficiencies, computer systems and security from a development perspective. The social and professional issues that arise in the context of software engineering will be discussed.

Prerequisites: CMPT 320

CMPT 415 - Advanced Database Management Systems

Subject to demand, 3(3-0-3)

This course introduces advanced concepts associated with the design of databases, such as denormalization, query optimization, indexes, transaction processing and stored procedures, and database triggers. Data warehousing, data mining, distributed database topics, security and administration issues will also be discussed. The labs will examine features of a relational model database management system, and will culminate in a final project.

Prerequisites: CMPT 310

CMPT 420 - Numerical Analysis

2018-19, Fall 3(3-0-3)

An introduction to numerical computation. Topics include computer arithmetic, root approximation, interpolation, numerical integration, applications to differential equations, and error analysis.

Same as MATH 420.

Prerequisites: CMPT 275, MATH 205, MATH 221

CMPT 430 - Theory of Computing

2018-19, Winter 3(3-0-0)

An introduction into advanced topics in the theory of computation. Topics include: models of computers including finite automata and Turing machines, computability, computational complexity, basics of formal languages.

Same as MATH 430.

Prerequisites: CMPT/MATH 360

CMPT 440 - Computer Modelling

2018-19, Winter 3(3-0-3)

An introduction to the use of computer modelling. This course will emphasize the usefulness and limitations of computer simulations and modelling in drawing inferences. Projects will be taken from a variety of topics and will be coordinated with faculty from other disciplines. Students who do not have the necessary prerequisites but can demonstrate a sufficient

mathematical proficiency and computing competency can obtain consent from the instructor to enrol in this course.

Prerequisites: CMPT 420

CMPT 450 - Image Processing and Embedded Images

2018-19, Winter 3(3-0-3)

This course introduces the topic of image processing, including a mathematical approach to understanding the technical aspect of how an image can be created, viewed and modified. Utilizing an image processing toolbox various images will be analyzed using standard algorithms, noisy or degraded images restored and enhanced for improved intelligibility, shapes and textures will be analyzed, and features of images will be embedded or extracted.

Prerequisites: CMPT 420

CMPT 460 - Cryptography

2019-20, Winter 3(3-0-3)

This course introduces the mathematical algorithms that are used in cryptography. This includes historic cryptography such as the Caesar and Vigenere ciphers, and the German enigma machine. The majority of the course will focus on modern, public key cryptography: the Diffie-Hellman key exchange, RSA, and elliptic curve cryptography. Students will also learn the mathematics used in these algorithms, which includes modular arithmetic, Euler's phi function, introductory information on elliptic curves, and the definitions of groups, rings and fields. The lab component explores prime detection and factorization algorithms, and the implementation of ciphers.

Same as MATH 460.

Prerequisites: CMPT 275, CMPT/MATH 360

CMPT 470 - Perspectives in Computing Science

2019-20, Winter 3(0-3-0)

A senior level seminar course dealing with special topics in computing. Particular attention will be paid to computer applications, social impacts, ethical and legal issues, worldview perspectives and potential future developments in computing.

Prerequisites: Twelve credits in computing science at the 300-level and consent of instructor

CMPT 480 - Practicum I

Every Year, 3(130 hours)

This is a placement of 10 hours per week in a commercial, industrial or non-profit setting under the supervision of a computing professional. One of CMPT 480 and 481 must be in

the non-profit sector. The intern will be expected to maintain a reflective journal and complete a summary paper.

Prerequisites: Twelve credits in computing science at the 300-level and consent of instructor

CMPT 481 - Practicum II

Every Year, 3(130 hours)

The second practicum placement. The requirements for this course are the same as for CMPT 480.

Prerequisites: CMPT 480 and consent of instructor

CMPT 496 - Research in Computing Science

Every Year, 3(0-1-3)

An independent project in computing science, designed in consultation with the instructor. This project may be either a software development project or a computing literature research project. Before work commences, the student is required to submit a detailed proposal. Upon completion of the project, the results are presented in the form of either a fully documented program or a research paper, and a seminar.

Prerequisites: Twelve credits in computing science at the 300-level and consent of instructor

CMPT 499 - Directed Studies in Computing Science

Every Year, 1 to 3 (varies)

An opportunity to do advanced study of a special topic of particular interest to a student. Students work with a member of the computing science faculty. Students must apply in advance to a member of the computing science faculty.

Prerequisites: Six credits in computing science at the 300-level, and consent of instructor

DRAMA

Drama involves the study of one's complete human resources in one medium, and is the art form that encompasses life in miniature. The University offers introductory courses incorporating academic study, critical observation of plays and production experience. Instructors are working professionals in the theater, bringing day-to-day creative experiences to the classroom and production settings. This integrated approach to drama encourages a genuine and practical expression of faith in the learning process.

DRAM 202 - Introduction to Theatre Art

Every Year, Winter 3(3-0-3)

Discover how the traditions and practice of theatre in our society have developed, attend live theatre with classmates, and

participate in play production projects that will inspire you to make the enjoyment of live theatre an ongoing part of your life.

DRAM 249 - Introduction to Dramatic Process

Every Year, Fall 3(0-0-6)

Develop skills for creating dramatic presentations using improvised as well as published and original scripts. This introductory course in stage acting and the play development/rehearsal process provides opportunities to become a more confident and successful team member in collaborative situations on and off the stage. Topics include story telling, play analysis, theatre appreciation, effective use of the voice and body in performance, mime and mask.

DRAM 305 - Ensemble Production I

Every Year, Fall 3(0-0-6)

Rehearsal and production of a full-length play for public performance: Students audition for production assignments in acting, stage management, and assistant directing in a play or a selection of scenes. Play analysis, scene study, rehearsal, and performance skills are practiced. Attendance at selected professional theatre productions is an aspect of this course.

Prerequisites: 3 credits in Drama or consent of the instructor

DRAM 310 - Stagecraft And Design

Every Year, Fall 3(0-0-6)

An introduction to the technical aspects of theatre: scenery design, construction, and painting, lighting and sound, properties, costume, and stage management. Students will undertake practical projects in one or more of the technical disciplines as part of a production company presenting the fall full-length play in the production studio.

Prerequisites: 3 credits in drama or permission of the instructor

DRAM 320 - Shakespeare: Text and Performance

2019-20, Winter 3(3-2-0)

This course explores issues of textuality and performance in Shakespeare's canon. It combines a detailed study of the plays themselves with an examination of representative film versions. The course centres on a literary analysis of the text while it also explores the historical context out of which the dramas emerged and contemporary scholarly issues that arise in both text and performance.

Same as ENGL 320. This course does not fulfill fine arts breadth requirements.

Prerequisites: ENGL 215

DRAM 349 - Introduction to and Development of Oral Communication

Every Year, Winter 3(3-0-3)

Learn to speak in public. Gain understanding of your speaking voice as physical instrument, and develop ways to make it work better for you. The life of an educated person presents many speaking opportunities: to entertain, to teach, to persuade, to negotiate, and to inspire in a wide variety of public settings. Drama 349 uses theatre-based techniques to develop public speaking skills and design effective oral presentations.

DRAM 350 - Introduction to Motion Picture Production

2018-19, Winter 3(3-0-3)

This course will examine the global film industry as both an art form and a business. Students will experience selected motion picture production activities in order to enhance their appreciation of the industry. This class will include lectures on film, viewing and discussion of film and practical experience in motion picture production. As a final project each student will produce their own short video.

Same as CMNA 350.

Prerequisites: 3 credits of Drama or 3 credits of Communication Arts or consent of the department

DRAM 355 - Intermediate Ensemble Production II

Every Year, Fall 3(0-0-6)

Further opportunity for rehearsal and production of a full-length play for public performance: Students audition for production assignments in acting, stage management, and assistant directing in a play or a selection of scenes. Play analysis, scene study, rehearsal, and performance skills are practiced. Attendance at selected professional theatre productions is an aspect of this course.

Prerequisites: DRAM 305

DRAM 399 - Special Topics in Drama

Non-Recurring, 3(varies)

A course on a topic of special interest to a faculty member of the drama faculty and offered on a non-recurring basis.

Prerequisites: Three credits in drama or consent of the instructor

DRAM 405 - Advanced Ensemble Production III

Every Year, Fall 3(0-0-6)

Further opportunity for rehearsal and production of a full-length play for public performance: Students audition for production assignments in acting, stage management and assistant directing in a play or a selection of scenes. Play analysis, scene study, rehearsal, and performance skills are practiced. Attendance at

selected professional theatre productions is an aspect of this course.

Prerequisites: DRAM 355

DRAM 499 - Directed Studies in Drama

Every Year, 1 to 3(varies)

This course gives the student an opportunity to do intensive production-related work in drama under the direction of an instructor. Prior to registering in the course, the student proposes a project focussing on a particular aspect of theatre production and takes major responsibility for that aspect. The student contracts to fulfill from 1-3 credits depending on the scope of the work undertaken.

Prerequisites: Six credits in drama and consent of the instructor

DUTCH

DUTC 200 - Beginners' Dutch I

Subject to Demand 3(3-0-2)

This course introduces the essentials of grammar, reading, and writing, and provides a working knowledge of the spoken and written Dutch language. It is not open to students with credit in grade 12-level Dutch.

DUTC 201 - Beginners' Dutch II

2018-19, Winter 3(3-0-2)

This course is a continuation of DUTC 200.

Prerequisites: DUTC 200

ECONOMICS

Knowledge and understanding of economic issues enhance our political and social awareness. From a Christian perspective, the three major factors in production - labor, natural resources and capital - are treated in a distinctive manner. Labor is to be viewed not just as a factor in production, but as a creation of God deserving equity and social justice. Stewardship of natural resources is not merely the manipulation of inputs, but the responsible management of God's gifts. Consideration of capital requires going beyond the usual concerns of profit maximization or optimization under various forms of market structure to issues of social answerability with regard to both resources and labor. Evaluation of government economic policies is to take place from the broader perspective of Christian responsibility, rather than the narrower ones of either economic efficiency or political expediency.

ECON 203 - Principles of Economics I

Every Year, Fall 3(3-0-0)

An introduction to the Canadian economy and to concepts and tools that can help us understand how the economy works and the roles that we play in it. This course will examine economic goals, activities, structures and institutions; tools for making economic decisions; markets and market failures; economic measurement; economic fluctuations; growth and development; and globalization.

ECON 204 - Principles of Economics II

Every Year, Winter 3(3-0-0)

This course deepens students' understanding of the ideas introduced in ECON 203 by examining the theoretical models that economists use to analyze specific economic issues. These include theories of production, consumption, and markets; macroeconomic models related to recessions, unemployment, and inflation; government monetary and fiscal policies; and international trade theory.

Prerequisites: ECON 203

ECON 300 - Introduction to Canadian Political Economy

2019-20, Fall 3(3-0-0)

This course will examine the relationship(s) between economics and politics, both as practice and theory. Central to this is the appropriate role of government in the economic life of Canadian (and other) society. The present controversies on these issues will be investigated and discussed, as well as their origins. It will be argued that the general course of economic and other development in rich and poor countries (including Canada) is decisively influenced by views taken on this issue; that various options for the future present themselves, and that options for change in political economy are linked to and will be resolved on the basis of fundamental/religious perspectives.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: ECON 203

ECON 301 - International Political Economy

2018-19, Winter 3(3-0-0)

Analysis of the conflicting viewpoints that influence International Political Economy (IPE); tracing the structure and changing form of IPE in trade, finance, technology and information flows; analysing and evaluating the tension between states and international markets; examining the dynamics and impact of international centres of political-economic power on regions of the world that are small and vulnerable; investigation of the role of large corporations in the global political economy. Attention will also be given to the

impact of the IPE on policies in Canada. Descriptive and evaluative data will be included and examined throughout.

Prerequisites: ECON 203

ECON 309 - Intermediate Applied Microeconomic Theory

2018-19, Fall 3(3-0-0)

Expansion and deeper examination of the major microeconomic theories, including those related to consumer behaviour, production, market structures, and market failures. The role that these theories have played in the development of Canadian economic policies and goals will be a major focus of the course. Descriptive and evaluative data on the Canadian situation will be examined throughout.

Prerequisites: ECON 203, 204

ECON 310 - Intermediate Applied Macroeconomic Theory

2019-20, Winter 3(3-0-0)

Expansion and deeper examination of the macroeconomic theoretical models for the functioning of an open macroeconomy, like that of Canada. This will include models that produce calculable estimates of the main macroeconomic variables, such as total output, the general price level and inflation, levels of employment, and causes and impact of fluctuations in the economy's performance. Descriptive and evaluative data on the Canadian situation will be included and examined throughout.

Prerequisites: ECON 203, 204

ECON 315 - Ecological Economics

2018-19, Winter 3(3-0-0)

This course will focus on a number of aspects of the relationship between economics and the environment, including: determining the nature of and need for sustainability in economic processes; examining the linkages between development and the environment; examining the causes of and policy responses to resource and environmental degradation; introducing ways to measure the environmental impact of economic processes; and examining international and transfrontier environmental issues.

Prerequisites: ECON 203

ECON 325 - The Economics of Development

2019-20, Winter 3(3-0-0)

This course identifies the nature and causes of the development and underdevelopment of countries and regions, emphasizing the poor. It explores development as a multi-dimensional process of change that happens in the context of social, political, technical and cultural conditions. The focus here is how economics relates to most of these. An overview of main theories (including how they arose historically) will be given

and the main current issues in development will be reviewed. Development policies in poor countries and regions as well as international efforts to assist in their development, will round off the course.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: ECON 203

ECON 330 - Behind the Market: Property, Value, Exchange

2018-19, Winter 3(3-0-0)

This course explores different understandings of the nature of and possibilities for wisely using markets by examining different approaches to some of its fundamental structures, viz. private property, value and exchange. In particular, this course seeks to "get behind" the taken-for-granted meanings of these phenomena and to question their constitutive and normative bases. It will ask such questions as: what does it mean to own something? What is the foundation of value? How do exchange relations relate to other human activities?

Prerequisites: Six credits of ECON 203, ECON 204, HIST 202, HIST 204, POLI 205

ECON 331 - History of Economic Thought

2018-19, Fall 3(3-0-0)

This course explores ideas and theories about economic life that have been developed from ancient times to the present, including (but not limited to) those of the major economic thinkers from Adam Smith onwards. These ideas will be analyzed in light of the economic, political, social and intellectual contexts that helped to shape them. By investigating this historical development, we will gain a better understanding of how current approaches to economics and economic policy-making came to be.

Same as HIST 304.

Prerequisite: ECON 203

ECON 399 - Special Topics in Economics

Non-Recurring, 3(varies)

A course on a topic or field of special interest to a member of the economics faculty and offered on a non-recurring basis.

Prerequisites: ECON 203

ECON 461 - Opportunities and Issues in Globalization

2019-20, Fall 3(3-0-0)

This course creates awareness of the nature, development and implications of the powerful spread of trade and finance flows across the modern world. It analyses the positive and negative aspects of globalization and alerts students to the opportunities

for responsible extension of economic activities (trade in particular) to countries, regions and parts of the world very different from Canada. The ethical, developmental and environmental dimensions of globalization will be integrated with the business aspects and options. Same as BUSI 461

Same as BUSI 461.

Prerequisites: ECON 203

ECON 499 - Directed Studies in Economics

Every Year, 1 to 3 (varies)

This course is designed to provide individual students with an opportunity to conduct supervised reading and research on a topic of the student's choice in consultation with a member of the economics teaching faculty. Student work in this course will be with a faculty member on a tutorial basis. Students must apply in advance to teaching faculty in economics for this course.

Prerequisites: Six credits in economics at the 300-level, and consent of instructor

EDUCATION

Each generation faces the important task of helping a new generation fulfill its calling in society. Education is an aspect of nurture that focuses on leading individuals into the system of beliefs, roles and responsibilities of a given culture. In modern post-industrial societies, the school has become the primary formal agent of education. Programs at The King's University seek to work out concretely what the Christian faith means for education. The education courses at King's are designed to examine the role of schooling in society and to enable future teachers to develop the necessary Knowledge, Skills and Attitudes (KSA's) to qualify them for their task in the school.

EDUC 152 - Classroom Theory and Practice

Every Year, Spring/Summer Non-credit (3-0-8)

Classroom Theory and Practice is designed for students who would benefit from additional knowledge and practice to prepare for the expectations of the second year of the education program. This bridging course strengthens the capacity of preservice teachers to conduct professional self-assessment, develop relationships with students in elementary and secondary classrooms, plan curriculum and assessment, and deliver instruction. The course combines instruction on campus or online with field experience with a focus on the learning needs of the students who are enrolled. The course is open to students recommended by the Education Faculty only.

Prerequisite: Faculty of Education recommendation

EDUC 211 - Educational Strategies for Learning and Life

Every Year, Fall 3(3-0-0)

This course will focus on the awareness of self as a learner grounded in theories of learning. This course balances learning theory with the practice of developing study and self-management skills primarily for student success in higher education. Students will study strategies for academic success and explore learning styles and techniques to become an effective student. Topics for the course include strategies for goal setting, time management, memorization, reading, note taking, active listening, communicating, and healthy living.

EDUC 251 - Introduction to Teaching

Every Year, Fall 3(3-0-3)

This course introduces the life of the professional teacher and lays the foundation to future courses in the teacher education program. The course consists of two components: 1) on-campus classes exploring basic educational concepts; and 2) in-school observation of these concepts at work. Students spend five half days in an elementary school and five half days in a secondary school.

Please see the current EDUCATION 251 MANUAL for special information pertaining to the evaluation of this course. This course is recommended for second year and beyond.

EDUC 281 - Principles of Mathematics for Teaching

Every Year, Fall 3(3-0-0)

This course provides a study of foundational mathematical concepts and properties in the elementary and junior high curriculum. The course emphasizes conceptual understanding, reasoning, explaining why algorithms work, and problem solving. Topics include number systems, operations, fractional numbers, proportional reasoning, and aspects of geometry.

Same as MATH 281.

EDUC 300 - Introduction to Western Educational Ideas

Every Year, Fall 3(3-0-0)

Students receive an introduction to philosophical and ideological issues relating to educational thought and practice within the Western intellectual tradition. The course introduces the student to both traditional and contemporary theories of education as well as current efforts to develop a Christian approach to education.

Prerequisites: PHIL 230 and at least one education course or admission to the B.Ed (AD) program, or consent of the instructor

EDUC 301 - Educational Learning Theories and Applications

Every Year, Fall 3(3-0-0)

Lectures and discussions focus on learning in the classroom situation: the processes by which students learn and the factors that facilitate/inhibit learning. Specifically examined are learning theories, motivational theories, cognitive styles, discipline practices and assessment approaches.

This course is open only to students in the B.Ed. (AD) program.

EDUC 303 - The Philosophy and Design of Curriculum Planning

Every Year, Fall 3(3-0-1.5)

This course examines a variety of curriculum orientations and their implications for shaping educational goals, pedagogy, student evaluation, and school structure at the elementary and secondary levels. Students will also be introduced to the rigors of curriculum design; they will be required to construct an integral unit plan as the culmination of weekly lab exercises. This course accentuates the correlation between lesson planning, assessment and unit goals.

This course is open only to students in the B.Ed (AD) program. Students with credit in EDUC 503 cannot receive credit in EDUC 303.

Corequisites: EDUC 300

EDUC 305 - Selected Elementary Teaching Methods and Materials

Every Year, Winter 9(0-5-0)

In this course students will learn about the methods and materials used in teaching subjects or topics such as: Biblical Studies, English as a Second Language, science, art, social studies, physical education and health, music and First Nations/ Metis/Inuit Studies, and assessment. Each curricular area is taught by a master elementary teacher. The course components are offered in one week modules of instruction. Credit for this course is awarded on a pass/fail basis.

This course is open only to students in the B.Ed. (AD) Elementary program.

Prerequisite: EDUC 303

EDUC 306 - Elementary School Language Arts

Every Year, Fall 3(3-1-0)

The focus of this course is the language arts curriculum in elementary grades. Topics include: language acquisition, the oral language base of reading and writing, as well as theories, methods and materials related to the teaching of listening, speaking, reading and writing. This course also addresses appropriate approaches to assessment. A weekly seminar period will be used to have students engage in micro-teaching

opportunities. This course is open only to students in the B.Ed. (AD) programs.

This course is open only to students in the B.Ed. (AD) programs.

EDUC 307 - Issues and Methods in Elementary Mathematics Teaching

Every Year, Fall 3 (3-0-1)

This course examines foundational and methodological issues in teaching elementary mathematics. It provides an overview of the elementary mathematics curriculum, both in content and theories of instruction. Using problem solving in context, this course explores the development of children's understanding of key ideas in mathematics and examines the role of mathematical discussion, the development of flexible mathematical reasoning and the use of assessment for learning.

This course is open only for students in the B.Ed. (AD) Programs.

EDUC 308 - Teaching Beyond the Classroom

TBA 3(3-0-0)

This course is for those who teach, or intend to teach, in contexts other than the school classroom, such as churches, non-profit organizations, government, museums, nursing, or business. Course content will emphasize principles of curriculum planning, learning theory, and pedagogy. The course is designed to be highly interactive. While the course material is primarily directed toward children and adolescents, there are many applications to adult education.

The course contributes to University Certificates in Education and the Environment and Youth Ministry. This course is not intended for students planning to enter the B.Ed

EDUC 309 - Teaching with Literature for Children and Adolescents

Every Year, Fall 3(3-0-0)

In this course, students are introduced to a representative selection of contemporary authors for children and adolescents and to literary genres with a view to using this literature in K-9 language arts programs and across the K-9 curriculum.

This course is open only to second year students in the B.Ed. (AD) programs.

Prerequisites: EDUC 351 or 353

EDUC 310 - Strategies for Teaching and Learning in Secondary Education

Every Year, Fall 3 (3-0-1)

This is an introductory course on skill development in basic teaching and learning at the secondary level (primarily junior high). The course will focus on appropriate pedagogy, curriculum planning, classroom management. Special attention

will be paid to assessment strategies for these age groups in relation to the Alberta Teaching Quality Standards.

This course is open only to students in the B.Ed. (AD) Secondary Program

EDUC 315 - Selected Secondary Teaching Methods and Materials

Every Year, Winter 3(0-5-0)

In this course students learn about the methods and materials used to address themes in secondary education such as: English Language Learners, First Nations/Metis/Inuit Studies, and Assessment. Each topic is taught by an experienced master teacher. The course components are offered in one week modules of instruction. The intent of each module is to help students acquire basic familiarity with the challenges, methods and materials used to teach these topics. Credit for this course is awarded on a pass/fail basis.

This course is open only to students in the B.Ed. (AD) Secondary Program.

Prerequisite: EDUC 303

EDUC 320 - Curriculum and Instruction in Secondary Mathematics and Sciences I

Every Year, Winter 4 (4-0-0)

This curriculum and instruction course provides an in-depth study of the methods and materials used in the teaching of junior and senior high school mathematics and science with a special focus on the Alberta curriculum guides for subjects. This course helps Math and Science pre-service teachers to understand both the theoretical and pedagogical underpinnings of their major and minor teaching area. Topics covered include subject integration, planning, instruction and classroom management, and assessment.

This course is open only to students in the B.Ed. (AD) Secondary program.

Prerequisite: EDUC 303

EDUC 321 - Elementary Science Methods

Every Year, Fall 1.5(1.5-0-0)

This course explores foundational and methodological issues in elementary science education as well as basic principles for teaching elementary physical, biological, and earth science. Students will examine science curriculum organization, key science concepts, and instructional strategies. The goal is for students to develop a vision for their science teaching, identify practices they wish to develop in their science classroom, and provide an informed rationale for their approach.

EDUC 330 - Curriculum and Instruction in Secondary English Language Arts, Social Studies, Physical Education and Fine Arts I

Every Year, Winter 4 (4-0-0)

This curriculum and instruction course provides an in-depth study of the methods and materials used in the teaching of junior and senior high school English language arts and social studies. Pre-service teachers in physical education and fine arts will also study the methods and materials used for teaching their subjects. Special focus will be given to Alberta curriculum guides for the relevant core and noncore subjects. This course helps English language arts, social studies, physical education and fine arts pre-service teachers to understand both the theoretical and pedagogical underpinnings of their major and minor teaching area. Topics covered include subject integration, planning and instruction, with special attention given to assessment issues.

This course is open only to students in the B.Ed. (AD) Secondary program.

Prerequisite: EDUC 303

EDUC 331 - Elementary Social Studies Methods

Every Year, Fall 1.5(1.5-0-0)

In this course we explore the natures and purposes of social studies education as they have been conceived in the past and are currently being articulated. Students will examine curriculum organization, key social studies concepts, and instructional strategies. The goal is for students to develop a vision for their social studies teaching, identify practices they wish to develop in their social studies classroom, and provide an informed rationale for their approach.

EDUC 341 - Psychology of Exceptional Children

Every Year, Fall 3(3-0-1)

This course provides an overview of the major intellectual, academic, emotional, behavioural, sensory and physical exceptionalities that are encountered in classroom settings. Course participants will learn about the challenges and joys these exceptionalities pose for teaching and learning. Students will also examine such topics as the identification and diagnosis of these exceptionalities and the preparation of appropriate Individualized Educational Programs (I.E.P.s). Through class presentations, participants will become familiar with learners with exceptionalities. This course includes a one-hour lab per week in a school placement experience.

This course is open only to students in the B.Ed. (AD) programs.

Prerequisites: EDUC 351 or 353

EDUC 351 - Elementary Practicum I

Every Year, Winter 5(6 Weeks)

This course provides students in the B. Ed. (AD) program with a reflective practicum experience that is coordinated with EDUC 305. Selected Elementary Teaching Methods and Materials. Students will spend approximately 40 hours in actual classroom instruction under the supervision of a certificated teacher and a faculty supervisor. During this time, students will also be required to assemble a teaching portfolio including detailed lesson and unit plans. The concluding seminar will focus on student presentations of teaching experiences as well as analyses of these experiences in the light of the theory and methods course taken previously. Only students who pass EDUC 351 will be allowed to continue into the second year of the B.Ed. (AD) program. Credit for this course is awarded on a pass/fail basis. Please see the current EDUCATION 351 PRACTICUM MANUAL for additional information pertaining to the evaluation of this course.

This course is open only to students in the B.Ed (AD) Elementary Program.

Prerequisites: EDUC 303 Corequisite: EDUC 305

EDUC 353 - Secondary Practicum I

Every Year, Winter 6(7 weeks)

This course includes a 6 week practicum experience in a junior or senior high school classroom plus a one week concluding seminar. The pre-service teacher will be given significant classroom teaching responsibilities. All participants will present a teaching portfolio during the concluding seminar. Details about the practicum requirements and evaluation criteria are provided in the EDUC 353 Practicum Manual. Only students who pass EDUC 353 will be allowed to continue into the second year of the B.Ed. Secondary Program. Credit for this course is awarded on a pass/fail basis.

This course is open only to students in the B.Ed. (AD) Secondary Program.

Prerequisites: EDUC 303 Corequisite: EDUC 315 and 320 or 330

EDUC 363 - Childhood and Adolescence

Every Year, Fall 3(3-0-0)

This course examines the psychology of human development and change from the prenatal period to late adolescence. Specifically, development is considered chronologically in the sequence of infancy, early childhood, middle childhood, early, middle and late adolescence. The dimensions of development to be investigated include the physical, cognitive, emotional, social, academic, moral and religious aspects.

Same as PSYC 351.

Prerequisites: PSYC 250 or 251

EDUC 367 - Religion in the Classroom

Every Year, Fall 3(3-0-0)

This course equips teachers to teach about religion in a variety of school contexts. We examine the legal parameters, study the religious diversity existent in Canada, and explore various issues involving religion that arise across the curriculum. Teachers able to confidently and comfortably discuss and teach about religion create welcoming spaces for all students and enable students to critically engage with diverse ideas, their neighbours, and the world in which they live.

Same as EDUC 567.

EDUC 393 - Movement Activities for Children

Every Year, Fall 3(1-0-2)

Students will study movement activities for children in elementary school within a developmental framework. Special emphasis is placed on games, gymnastics and dance for children ages five to twelve years. The course combines theory, practical teaching experiences with children and critical reflection on these experiences in the context of children's physical development. This will include the study of free play and organized physical activities in recreational, educational, and sport environments.

Students with credit in EDUC 203 cannot receive credit in EDUC 393. Same as KINS 393.

EDUC 399 - Special Topics in Education

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the education faculty and offered on a non-recurring basis.

Prerequisites: Some topics may have specific prerequisites.

EDUC 401 - Educational Administration

Every Year, Fall 3(3-0-1)

This course provides an historical perspective concerning issues in educational law and administration, diverse theoretical approaches to these issues, the interaction of these issues with schooling in the current context, and specifically, the impact such issues have on the classroom teacher. This course is open only to students in the B.Ed. (AD) program.

This course is open only to students in the B.Ed. (AD) programs.

Prerequisites: EDUC 351 or 353

EDUC 403 - Advanced Curriculum Design

Every Year, Winter 3(3-0-0)

In this course, students will examine curriculum design principles that pertain to year long program planning. Major topics will include: use of the Alberta Program of Studies, cross curricular themes, essential questions, big ideas, learning

activities, subject integration and assessment. Consideration will also be given to the variety of teaching and learning styles, cultural diversity, special needs and classroom management as these impact curriculum development. Students will design a scope and sequence for year-long plans as well as reflect on their learning through other assignments.

This course is open only to students in the B.Ed (AD) Elementary program.

Prerequisites: EDUC 303 and 351

EDUC 408 - Corrective Reading

Subject to Demand 3(3-0-2)

This course focuses on holistic diagnostic and corrective approaches for elementary grade students with reading problems. In addition to classroom based lectures and demonstrations, students develop their corrective reading teaching skills through campus-based, computer assisted instruction followed by work with an elementary pupil in a school setting and by preparing a major case study of their work.

This course is only open to students in the B.Ed. (AD) programs.

Prerequisites: EDUC 301, 306

EDUC 409 - Cross Curricular Literacy

Every Year, Fall 3(3-1-0)

This course familiarizes secondary education students with the diverse literacy needs of the adolescent learner. Emphasis on the learning of teaching strategies that will help students comprehend expository texts in a variety of subject specializations. Students will explore reading and writing beyond the acquisition of skills, as well as, engage in discussions about critical, technological and media literacies.

This course is open only to students in the B.Ed. (AD) Secondary Program.

EDUC 410 - Classroom Management

Every Year, Fall 3(3-0-0)

Theories of classroom management practices in the elementary and secondary school are explored. There is an emphasis on practical applications of those theories which are congruent with a Christian view of the child, authority, learning and responsibility.

This course is only open to students in the B.Ed. (AD) programs.

Prerequisites: EDUC 351 or 353

EDUC 412 - Socio-cultural Influences in Jr./Sr. High School

Every Year, Winter 2 (2-0-0)

This course examines the impact of contemporary culture on the adolescent educational experience. Utilizing a collaborative pedagogy, the course will challenge students to investigate how Canadian culture shapes school structure and the teaching/ learning experience as well as its influence on adolescent self-perceptions and their views of others. The course examines issues such as ethnic, linguistic, socio-economic and religious diversity, gender, class, sexual orientation, home school interactions, and adolescent popular culture. Finally, the course encourages participants to consider how teachers might create a community of learners out of a diverse group of adolescent students.

This course is open only to students in the B.Ed. (AD) Secondary program.

EDUC 414 - Educational Technology

Every year, Fall 3(3-0-1)

This course explores the appropriate use of common information technology tools in teaching and learning. The course examines the foundational, theoretical, and practical issues of using technology in K - 12 classrooms.

In the event of enrolment pressures, preference is given to B.Ed. (AD) students.

EDUC 420 - Curriculum and Instruction in Secondary Mathematics and Sciences II

Every Year, Winter 3(3-0-0)

This course continues the examination of the main currents at play in mathematics and science education begun in EDUC 320. The nature of mathematics and science-both in terms of its formal outcomes as well as what it is to "do math" or science-will be explored. This will lead to a careful scrutiny of how curricula portray mathematics and science and how pedagogical practices can enable effective teaching in both disciplines. Students will also be exposed to current trends in educational technology and be challenged to see mathematics and science teaching within a broader cultural and religious framework.

This course is open only to students in the B.Ed. (AD) Secondary program.

Prerequisites: EDUC 320 or 330

EDUC 430 - Curriculum and Instruction in Secondary English Language Arts, Social Studies, Physical Education and Fine Arts II

Every Year, Winter 3(3-0-0)

This course focuses on the teaching of English language arts and social studies, at the Senior High level (grades 10-12). Pre-service teachers in physical education and fine arts will also

focus on their respective subject areas. The programs of study of the Alberta government are studied and pre-service teachers are introduced to learning strategies, assessment theories and practices, and instructional management issues appropriate for Senior High students. Pre-service teachers are encouraged to be intentional about the strategies they use and reflective about their philosophy of education, view of human nature, and assumptions they employ.

This course is open only to students in the B.Ed (AD) Secondary program.

Prerequisites: EDUC 320 or 330

EDUC 450 - Elementary Classroom Startup Procedures

Every Year, Fall 1(8 days)

This course provides second-year elementary students with an experience of the beginning of a school year. In particular, students discover how a teacher intentionally fosters a desirable ethos in a classroom. The course includes an orientation, experiences in a school at the start of a year, periodic visits in the fall term, a short seminar midway, and a concluding seminar. This course begins a week before the start of the university academic year. Credit for this course is awarded on a pass/fail basis.

Prerequisites: EDUC 351

EDUC 451 - Elementary Practicum II

Every Year, Winter 12(12 Weeks)

This is the major practicum in the B. Ed. Elementary (AD) program. The student is assigned to a certificated teacher and is required to do a substantial amount of teaching on a graduated scale culminating in at least four weeks at the full-time level. Details regarding evaluation criteria, grade appeals, and fees associated with long distance practica are provided in the EDUC 451 Practicum Manual.

Credit for this course is awarded on a pass/fail basis.

Prerequisites: EDUC 450

EDUC 453 - Secondary Practicum II

Every Year, Winter 12(12 weeks)

This is the major practicum in the B.Ed. Secondary (AD) program. The student is assigned to a certified teacher and is required to do a substantial amount of teaching on a graduated scale culminating in at least four weeks at the full-time level. Details regarding evaluation criteria, grade appeals, and fees associated with long distance practica are provided in the EDUC 453 Practicum Manual.

Credit for this course is awarded on a pass/fail basis.

Prerequisites: EDUC 353

EDUC 499 - Directed Studies in Education

Every Year, 1 to 3(varies)

This course provides an opportunity to do intensive study of a special topic of particular interest to the student. Students work closely with a faculty member in tutorial meetings. Students must apply in advance for special studies to the faculty member with whom they wish to work.

Prerequisites: Open to students in both the pre-B.Ed. and B.Ed. (AD) who have completed at least two senior-level Education courses.

EDUC 503 - Advanced Curriculum Design for the Classroom Teacher

Subject to demand, Summer 3(40 Hours)

This course aims at assisting teachers in the field and students enrolled in the B.Ed. (AD) (upon special approval), who have some curriculum development background and who wish to develop advanced skills in this area. Three elements make up the bulk of the course workload. First, participants will review the historical and philosophical context that shapes current curricular theory in both the Christian and public school. Secondly, participants will further develop specific curriculum writing skills. Finally, participants will complete a curriculum project (year plan, unit plan, etc.). The project will be evaluated in terms of its relevance to the participant's actual or anticipated teaching situation, its consistency with the participant's educational philosophy and its demonstration of the skills identified in the course. The significance of provincial programs of study, provincial curriculum guides and the utilization of thematic units will receive special attention in all three elements.

Students with credit in EDUC 303 cannot receive credit in EDUC 503.

Prerequisites: Experience as an in-service teacher or special permission to students enrolled in the TKUC B.Ed. (AD) program. In the latter case, EDUC 300 is also a prerequisite.

EDUC 505 - Selected Elementary Teaching Methods and Materials in Language Arts

Subject to demand 1(5-0-10)

In this mentoring course, participants will develop their proficiency in the methods and materials used in the teaching of elementary school Language Arts under the supervision of an inservice, elementary master teacher. Special attention will be paid to teaching language arts to ESL students. The course components are offered in a one week module of instruction/ experience. Normally, instruction will take place in the master teacher's own classroom. The course is primarily designed to meet the needs of foreign trained teachers who want to learn up-to-date teaching methodology for language arts in a faith-based school setting. Neophyte teachers from Canada will also find the course useful. Credit for this course is awarded on a pass/fail

basis. This course is not available to students in the B.Ed (AD) program.

Prerequisites: Canadian B.Ed. Degree or equivalent foreign teaching degree.

EDUC 506 - Selected Elementary Teaching Methods and Materials in Bible Studies

Subject to demand 1(5-0-10)

In this mentoring course, participants will develop their proficiency in the methods and materials used in the teaching of elementary Bible studies under the supervision of an inservice, elementary master teacher. The course components are offered in a one week module of instruction/experience. Normally, instruction will take place in the master teacher's own classroom. The course is primarily designed to meet the needs of teachers based in foreign countries who want to learn up-to-date teaching methodology for language arts in a faith-based school setting. Neophyte teachers from Canada will also find the course useful. Credit for this course is awarded on a pass/fail basis. This course is not available to students in the B.Ed. (AD) program.

Prerequisites: Canadian B.Ed. Degree or equivalent foreign teaching degree.

EDUC 507 - Selected Elementary Teaching Methods and Materials in Science

Subject to demand 1(5-0-10)

In this mentoring course, participants will develop their proficiency in the methods and materials used in the teaching of elementary school science under the supervision of an inservice, elementary master teacher. Participants will discuss the challenges surrounding a Christian perspective on science, evaluate current trends in science education, and observe practical ways to organize and manage a classroom. The course components are offered in a one week module of instruction/experience. normally, instruction will take place in the master teacher's own classroom. The course is primarily designed to meet the needs of foreign trained teachers who want to learn up-to-date teaching methodology for science in a faith-based school setting. Neophyte teachers from Canada will also find the course useful. Credit for this course is awarded on a pass/fail basis. This course is not available to students in the B.Ed. (AD) program.

Prerequisites: Canadian B.Ed. Degree or equivalent foreign teaching degree.

EDUC 508 - Selected Elementary Teaching Methods and Materials in Math

Subject to demand 1(5-0-10)

In this mentoring course, participants will develop their proficiency in the methods and materials used in the teaching of elementary school mathematics under the supervision of an inservice, elementary master teacher. Participants will discuss

the challenges surrounding a Christian perspective on mathematics, evaluate current trends in math education, and observe practical ways to organize and manage a classroom. The course components are offered in a one week module of instruction/experience. Normally, instruction will take place in the master teacher's own classroom. The course is primarily designed to meet the needs of foreign trained teachers who want to learn up-to-date teaching methodology for math in a faith-based school setting. Neophyte teachers from Canada will also find the course useful. Credit for this course is awarded on a pass/fail basis. This course is not available to students in the B.Ed. (AD) program.

Prerequisites: Canadian B.Ed. Degree or equivalent foreign teaching degree.

EDUC 567 - Religion in the Classroom

Every Year, Fall 3(3-0-0)

This course equips teachers to teach about religion in a variety of school contexts. We examine the legal parameters, study the religious diversity existent in Canada, and explore various issues involving religion that arise across the curriculum. Teachers able to confidently and comfortably discuss and teach about religion create welcoming spaces for all students and enable students to critically engage with diverse ideas, their neighbours, and the world in which they live.

Same as EDUC 367.

EDUC 582 - Mathematical Reasoning for Teaching

Every Year, Fall 3(3-0-0)

This course explores the mathematical reasoning embedded in concepts encountered in the upper elementary and junior high curriculum. The course emphasizes conceptual understanding, reasoning, explaining why algorithms work, and problem solving. Topics include proportional reasoning, number theory, algebraic reasoning and aspects of geometry and probability. Course assignments will be linked to K-12 classroom teaching experiences.

Same as MATH 282. This course is not available to students in the B.Ed. (AD) program.

Prerequisites: Canadian B.Ed. Degree or equivalent foreign teaching degree

ENGLISH

As a discipline, English has two aims. First, it seeks to increase students' appreciation and understanding of what makes a written text "literary" and why readers return to great literary works to provide pleasure and insight into the human condition. Second, it seeks to teach students, through the writing of critical essays, how to analyze and communicate effectively. The study of literature is largely the study of story and figures of

speech and forms of language which are most brilliantly and extravagantly employed by poets, playwrights and writers of fiction. They also play a crucial role in other less obviously literary kinds of writing, like history, philosophy and science. The study of literature should therefore increase the students' awareness of the wondrous power of language to shape and illuminate (or when improperly used, to misshape and obscure) our place in creation. For journalism courses see the Communication Arts section.

ENGL 214 - Writing Matters: English Literature and Academic Interpretation I

Every Year, Fall and 2017-18 Spring 3(3-0-0)

This course, along with its complement, Writing Matters: English Literature and Academic Interpretation II, builds students' skills as critical readers and writers through the discipline of English. Students learn to be sophisticated readers of literature, and to examine the assumptions and implications of a wide array of texts as well as culture. The courses develop students' sensitivity to language use and their appreciation of the relationship between form and content. Students will learn about the range of literary genres, periods, and geographic locations, as well as specific terms and devices for reading lyric poems, non-fiction, and one long work (novel or drama). Assignments will introduce stages one and two of a cumulative research paper methodology, with stages three and four completed in the complement course. Through interpretative practices, we are able to examine the literary foundations of our worldviews and look on the world, ourselves, and others anew.

ENGL 215 - Writing Matters: English Literature and Academic Interpretation II

Every Year, Winter and 2017-18 Spring 3(3-0-0)

This course, along with its complement, Writing Matters: English Literature and Academic Interpretation I, builds students' skills as critical readers and writers through the discipline of English. Students learn to be sophisticated readers of literature, and to examine the assumptions and implications of a wide array of texts as well as culture. The courses develop students' sensitivity to language use and their appreciation of the relationship between form and content. Students will learn about the range of literary genres, periods, and geographic locations, as well as specific terms and devices for reading narrative poetry, short stories, and two long works (novel or drama). Building from the complement course, assignments will complete stages three and four of a cumulative research paper methodology. Through interpretative practices, we are able to examine the literary foundations of our worldviews and look on the world, ourselves, and others anew.

Prerequisites: ENGL 214

ENGL 311 - Introduction to Medieval British Literature

2018-19, Fall 3(3-0-0)

How are we to understand literature which remains distant from us in time, space, and even language? Although we may be able to appreciate the artistry of early writing, only by placing it within its cultural context can we fully value the achievement of the past. This course will therefore consider the literary, political, social and religious climate of the Middle Ages in an investigation of the rich English literary tradition from its beginnings to the 15th century.

Prerequisites: ENGL 214, 215

ENGL 314 - Literary Research: Theory and Methods

Every Year, Fall 3(3-0-0)

This course addresses fundamental issues about the many ways we "read" literature, including questions about its production, interpretation, and reception. Focusing on contemporary theory and research methods, the course will provide students with the necessary literary skills to study literature as a formal discipline at an advanced level. It will also provide students with the ability to understand and integrate literature into their own cultural perspectives and worldviews, especially how the Christian faith both expresses and challenges the important critical debates of the 20th and 21st century.

Prerequisites: ENGL 214, 215

ENGL 315 - Old English Language and Literature

2019-20, Winter 3(3-0-0)

Anglo-Saxons battling Vikings, miraculous stories of angels and saints, riddles, elegies about the transience of the world, Beowulf's heroic deeds—all these and more can be found in English literature between the 5th and 11th centuries. According to J. R. R. Tolkien, "the unrecapturable magic of ancient English verse" can only be experienced by "those who have ears to hear," or those who can read Old English verse in its original language ("On Translating Beowulf"). This course introduces students to the language and literature of the Anglo-Saxons. It combines language instruction with literary study, readings of modern translations with readings in the original language, so that students may experience firsthand the earliest English literature. No previous linguistic training is required.

Prerequisites: ENGL 215

ENGL 319 - Exploring Medieval Literature

2018-19, Winter 3(3-0-0)

The Middle Ages span roughly a thousand years (5th-15th centuries) and boast an exciting array of authors (Geoffrey Chaucer, John Lydgate, Margery Kempe) and genres (sagas,

romances, mystery plays, allegories). This course explores a specific medieval author, genre, or theme.

Prerequisites: ENGL 214, 215

ENGL 320 - Shakespeare: Text and Performance

2019-20, Winter 3(3-2-0)

This course explores issues of textuality and performance in Shakespeare's canon. It combines a detailed study of the plays themselves with an examination of representative film versions. The course centres on a literary analysis of the text while it also explores the historical context out of which the dramas emerged and contemporary scholarly issues that arise in both text and performance.

Same as DRAM 320.

Prerequisites: ENGL 215

ENGL 323 - Literature and the Environment: Reading the Creator through Creation

2018-19, Fall 3(3-0-0)

This course engages with the emerging field of ecocriticism, examining literary texts with careful attention to their relationship to the environment. Ecocriticism "takes an earth-centered approach to literary studies" (Glottfelty), and as such, questions of sustainability, ethics, stewardship, and environmental justice will be central to this course. One of the central questions of the course will be how, in particular, the Christian faith shapes an investigation of literature and the environment. The course will consider texts from a range of time periods and geographies, drawing from 18th-century British Romantic Poets, 19th-century American nature writers of prose and poetry, as well as more contemporary Canadian and American authors of both fiction and nonfiction. We will move from a broad tradition of nature writing to a more specific consideration of our own particular time and space.

Prerequisites: ENGL 215

ENGL 327 - Between Science And Fiction: The Intersection of Psychology and Literature

2018-19, Winter 3 (3-0-0)

Human being, whether explored through themes of identity, self, or character, is a constantly evolving narrative we construct of ourselves and others. This course examines the intersection of psychological and literary narratives as they construct human being, and emphasizes how storytelling is a vital yet undervalued notion in contemporary society. We will question how human identity is created and communicated, while exploring the fringes of socially accepted behaviour to examine how norms are established, upheld, and challenged both in literature and psychology.

Same as PSYC 327.

Prerequisites: ENGL 215 and one of PSYC 250 or 251

ENGL 329 - Stranger than Fiction: Literature And Film

2019-20, Fall 3(3-0-0)

This course will examine the relationship between film and literature by studying films that have been adapted from literary texts. Like literature, films are narratives that can be examined and discussed using similar methodologies. However, film has its own distinct techniques and terminology. This course will augment our understanding of both art forms, as well as their complementary themes such as identity, memory, and violence.

Prerequisites: ENGL 215

ENGL 356 - Victorian Worlds: An Introduction to 19th-Century Literature

2019-20, Winter 3(3-0-0)

From tea parties to coal mines, this course explores a range of literature and its social contexts across the 19th century. Visit the country estates of the regency period of Jane Austen and the mid-century Victorian London of Charles Dickens. This course includes a variety of the era's prose--both fiction and non-fiction--as well as poetry, sampling many major authors and genres of the period. Explore the Victorian concept of "progress" during a time of scientific advancement, industrialism, colonialism and debates about gender, aesthetics, morality and faith.

Prerequisites: ENGL 215

ENGL 358 - The Sun Never Sets: Introduction to Postcolonial Literature

2018-19, Fall 3(3-0-0)

Although the field of postcolonial studies is relatively new, it has already produced an impressive body of literature and criticism for examining how British colonialism and imperialism have shaped the modern world. This course is intended to introduce the student to the key English literary texts and theoretical concerns in this ongoing discourse, including questions about race, nation, gender, and cultural identity. We will also address the historical role Christian theology played in colonialism, as well as its place in recuperative strategies of nationhood and equality. We will study novels, films and other media, from sources as varied as Canada, India, the Caribbean, Africa, and Great Britain.

Prerequisites: ENGL 215

ENGL 360 - Modernist Literature and Culture: Doubt, Perseverance, and Hope

2019-20, Fall 3(3-0-0)

The first decades of the twentieth century were a time of great upheaval: new technologies of speed and mass communication, a horrific first world war, the roaring twenties of jazz and glittering parties, the great depression of the 1930s. In this unsettled world, people presented competing views of the

future. Some sought hope and meaning through the creation of new art and literature, experimenting with reflecting the altered world. Modernist literature provoked, frustrated, and unsettled its audiences, but it also spoke to them, mourned with them, and inspired them with its beauty. For people of faith, what is the value of questioning and doubting, of difficulty and perseverance? This course explores these questions alongside the value of hope in the midst of great opposition.

Prerequisites: ENGL 215

ENGL 366 - Women's Writing Then and Now
2019-20, Winter 3(3-0-0)

What creative strategies have women used historically to get their writing published? What does gender matter when one is writing or reading a text? This course explores both a history of women and the printed word and a reflection on contemporary issues: genre, authorship, canonicity and tradition, material production of texts, and relations to feminist thought. By reading a wide selection of texts -devotional works, polemical essays, diary entries, poems, "serious" novels and "chick lit" - this course considers women's writing today in the context of the women who came before.

Prerequisites: ENGL 215

ENGL 370 - Carving out a Nation: Canadian Literature Pre- 1970
2018-19, Fall 3(3-0-0)

From its rural and colonial past to its increasingly urban and multicultural present, Canada's emerging and evolving sense of national identity has been reflected in its literature. Through reading of representative Canadian prose and poetry, this course traces this literary history including critical, cultural, and regional influences on our national literature before 1970.

This course is considered a Canadian Studies course for the purposes of King's B.Ed. (AD).

Prerequisites: ENGL 215

ENGL 371 - Mapping our Mental Geography: Canadian Literature Post- 1970
2018-19, Winter 3(3-0-0)

Tracing our literary landscape reveals that contemporary Canada is constantly changing. Through a diversity of voices in poetry and prose, this course explores our shifting national and regional identities from the contemporary (post-1970) period forward by investigating questions of literary, historical, and cultural significance.

This course is considered a Canadian Studies course for the purposes of King's B.Ed. (AD).

Prerequisites: ENGL 215

ENGL 380 - The Once and Future King: Arthurian Legend and Literature
2019-20, Winter 3(3-0-0)

Arthur of Britain has figured in legend from the 6th Century to the present day. What accounts for this enduring appeal and influence? In our quest for an answer, this course traces the growth of Arthurian legend, or a specific theme within it, from its medieval roots to its contemporary realization.

Prerequisites: ENGL 215

ENGL 385 - North American Short Stories: Bite-Sized Reading
2019-20, Fall 3(3-0-0)

In 1842, Edgar Allan Poe famously declared the short story to be fiction that conveys a single impression and can be read in a single sitting; since then, critics and authors have debated this definition. Meanwhile, perhaps surprisingly, the genre retains its popularity with the contemporary reading public - an audience whose time-demands dictate the brevity of that "single sitting" and whose culture is an increasingly visual one. In this course, we will examine the development of American and Canadian short stories from the late nineteenth-century to the present, including short story theories, definitions, and the tendentious story cycle. What does the short story reveal to the contemporary reader about past, current and possibly even future North American societies?

Prerequisites: ENGL 215

ENGL 387 - Stealing Past the Watchful Dragons: History and Practice of Allegory
2018-19, Winter 3(3-0-0)

This course will study allegory and its power through selected readings. It will begin with a study of constituent elements and engagement with the assumptions underlying the allegorical tradition in biblical hermeneutics. The course will trace the form through the Latin fathers, Prudentius and Dante's justification of the form for non-sacred literature.

Prerequisites: ENGL 215

ENGL 391 - Creative Writing: Short Story and Poetry
2018-19, Winter 3(3-0-0)

This course will provide an introduction to the writing of short stories and poetry. We will read and discuss literary models of each form, but the critical focus will be on students' own work. Writing throughout the course, students will explore and experience the writer's task, role, and creative process

Prerequisites: ENGL 215, submission of a portfolio, and permission of instructor

ENGL 398 - Student Publications I

Every Year, Full Year Course 3(0-0-6)

This course, designed for editors of student publications, gives the student an opportunity to do extensive work on student publications under the supervision of a faculty advisor, and thus learn in an applied context the complex function of a publication. This involves editorship of either the student newspaper, "The Chronicle", or the annual creative arts publication, Ballyhoo. Students should expect to spend 100 hours per term on the publication and must attend applicable College workshops and keep a log of time and activities. Mark for the course will be pass/fail. The maximum enrollment for this course is two students per publication.

Prerequisites: Consent of publication advisor

ENGL 399 - Special Topics

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the English faculty and offered on a non-recurring basis.

Prerequisites: ENGL 215

ENGL 404 - Anxiety to Apotheosis: Literary Theory from Plato to Pater

2019-20, Fall 3(3-0-0)

Are fictional stories harmful lies, or are they the embodiments of sacred inspiration? The debate over the nature and worth of imaginative literature has oscillated between the extremes of anxiety over its negative powers to euphoria over its apothecotic potential. In this course we will conduct a chronological study of some of the most influential statements in literary theory from the classical period to the conclusion of the 19th century. Theoretical approaches have become central to literary discussions in the 20th century, and they promise to maintain their dominant position into the new millennium. A sound understanding of contemporary theoretical practice is dependant upon an awareness of, and a familiarity with, the major historical discussions that inform it. This course will investigate the issues and assumptions that characterize the theory of the earlier periods, and in so doing, it will prepare students grapple with the theoretical concerns of our own era.

Prerequisites: ENGL 314

ENGL 405 - Unpacking the Text: Contemporary Literary Theory

2019-20, Winter 3(3-0-0)

This course expands the senior student's understanding of the various theoretical approaches to literature and culture, their differences, and their effects on our position as Christian scholars. By reading the works of the major theorists and theoretical movements, students learn the key issues and

terminology that inform our discipline, and their role in the student's criticism and research methods.

Prerequisites: ENGL 314

ENGL 430 - Milton and the 17th Century

2018-19, Fall 3(3-0-0)

In this survey of 17th-Century literature, we will explore the ways that writers of this era both register and precipitate the changes that take place during the period. We will also investigate the tensions that exist between the old and the new as early modern thoughts about society, science and the sacred take shape.

Prerequisites: ENGL 215 and at least three credits in English at the 300-level.

ENGL 448 - The History of Books: Literacy, Technology and Passionate Readers

2018-19, Winter 3(3-0-0)

From monks in monasteries writing manuscripts to digital books and online discussions, this course will explore the changing technologies of communication and the impact these technologies have on social interaction, cultural products, and human thought. Courses on Book History are offered in history departments, in digital humanities programs, in graduate library programs, and in English departments. This course offers an in-depth study of a number of literary texts (both fiction and non-fiction) coupled with the historical study of books as objects. The analysis of the content of these texts will be enhanced by the study of their form and the larger economic, historical, and cultural context for the texts. We will therefore also pay attention to ink, paper, book covers, and typography.

Prerequisites: ENGL 214, 215 and at least three credits of English at the 300-level.

ENGL 489 - Special Studies in Literature

Subject to demand 3(3-0-0)

A course on a topic or figure of special interest to a member of the English faculty and offered on a non-recurring basis.

Prerequisites: ENGL 215 and at least three credits in English at the 300-level.

ENGL 498 - Student Publications II

Every Year, Full Year Course 3(0-0-6)

This course allows students to do a second year of work on a student publication, as described in ENGL 398 above.

Prerequisites: ENGL 398

ENGL 499 - Directed Studies in English Literature

Every Year, 1 to 3 (varies)

This course gives an opportunity to do intensive study of a special topic or writer of particular interest to the student who

will work closely with a member of the English faculty in tutorial meetings. Students must apply well in advance to a member of the English faculty in order to undertake a Directed Study. ENGL 499 is normally taken by students who are majoring in English.

Prerequisites: Six credits in English at the 300-level, and consent of instructor

ENVIRONMENTAL STUDIES

ENVS 200 - Introduction to Sustainability

Every Year, Fall 3(3-0-0)

This course introduces the concept of sustainability, including its environmental, social and economic dimensions. Students will trace the history of sustainable development and explore how humans can take action to reverse harm and improve sustainability. Field trips will focus upon sustainability in Edmonton.

ENVS 300 - Humankind and the Biosphere

Every Year, Fall 3(3-2-0)

This course is a discussion of humankind's place in nature and of its responsibility for other organisms, the environment and resources.

Same as GEOG 300.

Prerequisites: Three credits of natural science

ENVS 320 - The Study of Voluntary Simplicity

2019-20, Fall 3(3-0-0)

Voluntary Simplicity has a long history as a personal and community response to societal concerns ranging from poverty and inequality to problematic cultural influences and environmental degradation. This course examines the concept, theory, and practice of Voluntary Simplicity as an alternative value system and lifeway. The course explores Voluntary Simplicity's historical roots and contemporary expressions, emphasizing its contribution to environmental sustainability, social justice, community vitality, and personal well-being.

Same as SSCI 320.

Prerequisites: 3 credits of ENVS 200, EDUC 363, GEOG 310 or 321, ECON, POLI, SOCI, PSYC (not 327, 370, 375, 385, or 477)

ENVS 399 - Special Topics In Environmental Studies

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the environmental studies faculty and offered on a non-recurring basis.

Prerequisites: ENVS 300; some topics may have more specific prerequisites

ENVS 410 - Resource Planning and Environmental Management

2018-19, Winter 3(3-0-0)

Study of decision processes used to conserve, develop and manage environmental resources. Consideration of approaches to the evaluation of resources, including economic, environmental and social assessment techniques. Selected Canadian and Alberta case studies of resource management issues and problems.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: ENVS 300 and GEOG 310

ENVS 450 - Environmental Impact Assessment

2019-20, Winter 3(3-0-0)

Examination of the EIA process from both institutional and scientific perspectives. Consideration of legislative and policy aspects. Survey of EIA methods. Contemporary issues in EIA, including cumulative effects and post-auditing. Monitoring of, or participation in, contemporary Canadian or Alberta cases.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: ENVS 300, GEOG 310

ENVS 470 - Ecopsychology

2019-20, Fall 3(3-0-0)

An exploration of the psychological dimensions of our dependence on God's creation and our responsibility to care for it. The psychological contributions to and consequences of environmental problems, and the potential for psychological intervention, will be examined from a Christian perspective.

Same as PSYC 470.

Prerequisites: PSYC 250 or 251, and ENVS 300 or nine credits in psychology at the 300- or 400-level including PSYC 301.

ENVS 490 - Internship

Every Year, Summer 3 (0-3-0) (pass/fail)

A fulltime 13-week position in the workplace, normally between years three and four. Student interns receive assistance from the Internship Program Coordinator to search for an approved placement in government, industry or nongovernment agencies (paid or non-paid) that applies their environmental skills, provides valuable work experience, and gains insight into future career opportunities. The internship is pass/fail based on grading of student performance of mandatory assignments and internship evaluations. Students are eligible for an environmental internship if they have satisfactorily completed an interview with the Director of the Environmental Studies Program to assess progress in their program of study, ascertain preparation and readiness for an internship, and evaluate ability

and commitment to completion of year four of the degree program.

Prerequisites: Admission to year four of ENVS program with an overall GPA of 2.50

ENVS 491 - Becoming Environmental Citizens: University and Beyond
Every Year, Fall 3(3-0-0)

This course provides students with opportunities to reflect back on their university experience, including their internship (ENVS 490), and look forward to their life and work after they graduate. Class activities explore aspects of environmental vocations and the application of an environmental worldview in various facets of life. An emphasis is placed on developing soft skills, peer mentorship and evaluation, and professional development.

Prerequisites: Completed internship in Environmental Studies

ENVS 499 - Directed Studies In Environmental Studies
Subject to demand 1 to 3 (varies)

An opportunity to do advanced study of a special topic of particular interest to a student. Students work with a member of the environmental studies faculty. Students must apply in advance to a member of the environmental studies faculty.

Prerequisites: consent of instructor

GEOGRAPHY

GEOG 201 - Physical Geography
Every Year, Fall and 2017-18 Spring 3(3-0-3)

An introduction to the earth's major planetary components, including geological, hydrological, global climate systems and land forms. The origins of these features and the processes that influence the characteristics of landforms, vegetation and soils are discussed. Participation in weekly field-based labs and in a two-day, overnight field trip, usually in the third week of September, are required.

This course meets the natural science (with lab) breadth requirement for the B.A.

GEOG 300 - Humankind and the Biosphere
Every Year, Fall 3(3-2-0)

This course is a discussion of humankind's place in nature and of its responsibility for other organisms, the environment and resources.

Same as ENVS 300.

Prerequisites: Three credits of natural science

GEOG 310 - Landscapes and Human Settlements
Every Year, Winter 3(3-0-3)

The relationship between the natural environment and development of settled landscapes from a geographic perspective. Spatial distribution of biophysical landscapes and location analyses of agricultural, urban and industrial systems in Canada and elsewhere. Introduction to landscape interpretation using maps and aerial photographs.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: One of POLI 205, ECON 203, 204, GEOG 201

GEOG 321 - Community and Place
2018-19, Fall 3(3-0-0)

This course will examine the role of community in human social life in an age of globalization. Topics will include community development, diversity, social exclusion/inclusion, community resilience, and rural and urban communities. The course will also examine different types of communities including: radical Christian communities, cooperatives, intentional communities, and current initiatives in support of developing sustainable communities.

Same as SOCI 321.

Prerequisites: Three credits in introductory sociology or GEOG 310

GEOG 350 - Geographical Information Systems
Every Year, Winter 3(3-0-3)

An introduction to the principles and applications of GIS. Hands-on lab assignments focus on data input and manipulation, spatial problem solving, and map presentation using GIS software on micro-computers. Students complete a GIS-based project.

Pre- or Corequisite: Three credits in computing science or STAT 300 or consent of instructor

GEOG 399 - Special Topics In Geography
Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the geography faculty and offered on a non-recurring basis.

Prerequisites: GEOG 201; some topics may have more specific prerequisites

GEOG 450 - Advanced Geographic Information Systems
Every Year, Winter 3(3-3-0)

This course provides an advanced investigation into the principles and applications of geographic information systems. Hands-on lab assignments focus on geo-databases, metadata, data input, relational databases, advanced map design, and

advanced techniques using GIS software. Students mentor introductory students, complete a paper and complete an advanced project.

Prerequisites: GEOG 350

GEOG 499 - Directed Studies in Geography

Subject to demand 3(0-3-0)

An opportunity to do in-depth geographical study on a topic of particular interest to the student. Students work closely with a member of the geography faculty. A student must apply in advance to the faculty member.

Prerequisites: Six credits in geography at the 300-level, and consent of instructor

GREEK

GREK 205 - Elementary Greek

Subject to demand, Full Year Course 6(3-0-2)

This course is an introduction to classical Greek with emphasis on grammar and on building basic vocabulary. It includes the reading of simple texts and, in the second term, the reading of Xenophon's Anabasis.

GREK 207 - Introductory Koine Greek I

Subject to demand 3(3-0-1)

An introduction to essential grammar and vocabulary to give students a reading knowledge of Koine Greek, the language of the New Testament.

GREK 208 - Introductory Koine Greek II

Subject to demand 3(3-0-1)

This course continues to introduce students to New Testament (Koine) Greek. Students will continue learning the basic Greek grammar and vocabulary while translating selections from the Greek New Testament.

Prerequisites: GREK 207

GREK 305 - Readings in the Greek New Testament

Subject to demand, Full Year Course 6(3-0-0)

This course begins with a review of Greek grammar. It continues with extensive and intensive readings in the Greek New Testament. Students will build on the Greek grammar and vocabulary learned in GREK 205, and increase their ability to read the text of the New Testament. Students will begin to learn linguistic exegetical skills.

Prerequisites: GREK 205

HISTORY

Courses in history seek to introduce students to a Christian understanding of the nature of history. The

primary objective is to achieve a clear Christian perspective on the development of western civilization so that students may become more sensitive to the nature of cultural formation and grow in their understanding of the times in which they live and work.

HIST 202 - Western Civilization: European History from the Classical Age to 1648

Every Year, Fall and 2017-18 Spring 3(3-0-0)

This course surveys the history of western civilization from the classical age of Greece and Rome to the period of the Counter-Reformation and the age of religious wars in the 17th century. It deals with the rise of Christianity, the broad sweep of medieval history, and the eras of the Renaissance and Reformation.

HIST 204 - The West and the World, 1500-Present

Every Year, Winter and 2017-18 Spring 3(3-0-0)

This course seeks to introduce students to the broad contours of world history since 1500. Although aspects of the history of the "West" and the "World" will be treated as discrete entities, a particular concern will be to explore the complex interactions between the two. The course will begin with the period from the European encounter with the Americas and conclude with an examination of war and terrorism in the 21st century Middle East.

Students with credit in HIST 203 cannot receive credit in HIST 204.

HIST 304 - History of Economic Thought

2018-19, Fall 3(3-0-0)

This course explores ideas and theories about economic life that have been developed from ancient times to the present, including (but not limited to) those of the major economic thinkers from Adam Smith onwards. These ideas will be analyzed in light of the economic, political, social and intellectual contexts that helped to shape them. By investigating this historical development, we will gain a better understanding of how current approaches to economics and economic policy-making came to be.

Same as ECON 331.

Prerequisites: ECON 203

HIST 309 - Renaissance and Reformation Europe, 1348-1648

2019-20, Winter 3(3-0-0)

This course deals with the breakdown of medieval Christendom and the emergence of the Renaissance and Reformation movements. It also deals with the major intellectual, political, social and economic developments until the end of the Thirty Years' War. Among the topics covered will be the age of "discovery," the wars of religion, witchcraft, science, and the

new state systems and cultures that emerged in early modern Europe.

Prerequisites: HIST 202 or 204

HIST 314 - Nineteenth Century Europe

2019-20, Fall 3(3-0-0)

This course deals with the major intellectual, political, social and economic changes during the 19th century in the period from the French Revolution to the eve of World War I. Among the topics covered are: the impact of the French Revolution; the nature of romanticism; social classes and reform; revolutionary movements; liberalism, nationalism, imperialism, and socialism; the new state systems.

Prerequisites: HIST 202 or 204

HIST 316 - Europe in the Age of Enlightenment

2018-19, Fall 3(3-0-0)

This course deals with the major political, social, and intellectual movements from the late 17th century to the eve of the French Revolution. Among the topics covered are: science and philosophy in the 18th century, political theory and practice in the age of democratic revolutions, political economy, philosophies and the propaganda of the Enlightenment and religion in an age of reason.

Prerequisites: HIST 202 or 204

HIST 317 - Christian Social and Political Movements

2018-19, Winter 3(3-0-0)

This course examines the rise of Christian social and political movements within Roman Catholic and Protestant traditions since the French Revolution (1789). It explores the context in which these movements arose, their distinctive ideas and strategies, as well as the practical changes to the establishment they advocated. Attention will be given to movements such as the British anti-slavery movement, faith-based schools, Christian democracy, American civil rights movement, liberation theology, Bonhoeffer & the Confessing Church, and creation care.

Same as POLI 317 and SOCI 317.

Prerequisites: HIST 204 or POLI 205 or three credits in sociology at the introductory level.

HIST 318 - Twentieth Century Europe

2019-20, Winter 3(3-0-0)

This course deals with the major intellectual, political, social and economic changes since World War I. Among the topics covered are: the legacy of the Great War, the Great Depression, democracy and totalitarianism, World War II, the Cold War,

decolonization, European unification, and major trends in thought, sciences and religion.

Prerequisites: HIST 202 or 204

HIST 321 - Themes in World History, 1500-1800

2018-19, Fall 3(3-0-0)

This course will consider in depth major themes in World History from 1500-1800 and help students think analytically about the interaction between the Western and non-Western worlds during this time period.

Prerequisites: HIST 202 or 204

HIST 322 - Themes in World History, 1800 - Present

Subject to Demand 3(3-0-0)

This course will consider in depth major themes in World History since 1800 and help students think analytically about the interaction between the Western and non-Western worlds during this time period.

Prerequisites: HIST 202 or 204

HIST 324 - Global Christianity Since 1500

2019-20, Winter 3(3-0-0)

This course will explore the global growth of Christianity since 1500, a process that raises pressing historical and theological questions. Why did Christianity "succeed" in some times and places, but not in others? How has Christianization been implicated in processes of Western imperialism and conquest? And what cross-cultural processes or transferences occur when Christianity infuses a new culture? We will examine these questions in depth by examining the global spread of Christianity to the Americas, Asia and Africa after 1500.

Same as THEO 360.

Prerequisites: HIST 204

HIST 325 - The Cold War

2018-19, Winter 3(3-0-0)

This course examines the Cold War from its origins to its denouement. It examines the escalation of the conflict from the end of the Second World War through the ERP, the Korean War, Cuba and Vietnam, up to and including the collapse of communism and the fall of the Berlin Wall. This course explicitly focuses upon key hotspots (Cuba, Vietnam), the main protagonists (Kennedy and Khrushchev, Reagan and Gorbachev) and social, cultural and economic aspects of the Cold War (including music, film, literature) to build an integrated view of the Cold War by examining it from different disciplinary perspectives. It includes a sustained engagement with both the historiography of the Cold War, and the relevant primary sources from the period.

Prerequisites: HIST 202 or 204

HIST 344 - Tudor Britain

2019-20 Fall 3(3-0-0)

This course consists of a study of the life of Britain and her peoples from the late 15th to the early 17th century. Primary attention will be given to England. Topics to be covered include: the essence of the English Reformation, Tudor rebellions, Edwardian Protestantism and Marian reaction, the Elizabethan Settlement and the origins of Puritanism.

Prerequisites: HIST 202 or 204

HIST 345 - Stuart Britain

2019-20, Fall 3(3-0-0)

This course is designed to give students an appreciation for the basic themes of British history from 1603 to 1688. A concluding survey covering the period from the Glorious Revolution to 1714 is included. Some prominent topics are: Anglicans and Puritans, Cromwell and the Holy Commonwealth, radical social thought and foreign relations.

Prerequisites: HIST 202 or 204

HIST 346 - Medicine and Society in the Atlantic World: 1660-1918

2019-20, Winter 3(3-0-0)

This course seeks to explore the role which medicine has played in the shaping of North Atlantic societies from the Great Plague of London in the mid-17th century to the Spanish Influenza epidemic of the early 20th. Topics to be discussed include physicians and surgeons, quacks and "irregulars", disease and diseases, hospitals, the practice of medicine, the changing nature of surgery, women and medicine, and medicine and empire.

Prerequisites: 3 credits in history

HIST 347 - Britain in the 18th Century

2018-19, Fall 3(3-0-0)

This course seeks to provide an introduction to British history in the long eighteenth century. It will consist of a combination of lectures by the instructor and seminar discussions based on readings in the most recent historical literature. While the primary focus is on English history, there will be some consideration of Ireland, Scotland and the 18th century Empire.

Prerequisites: HIST 202 or 204

HIST 348 - Victorian Britain and Empire

2018-19, Winter 3(3-0-0)

A study of British domestic and foreign issues during the Victorian and Edwardian eras. Topics for consideration include: Victorian thought and society; the era of Gladstone and Disraeli;

the Irish problems; and the nature of the Church of England and the rise of evangelicalism.

Prerequisites: HIST 202 or 204

HIST 351 - The Civil War: The United States to 1865

2019-20, Fall 3(3-0-0)

The main purpose of this course is to answer the question: why did Americans fight the Civil War (1861-1865)? Understanding the origins of this most destructive of American conflicts requires a long view of American history. Topics include: European and African migrations during the colonial period; contact and conflict with Native peoples; development of religious and political institutions; the American Revolution; slavery and sectionalism; westward expansion and "Manifest Destiny."

Prerequisites: HIST 202 or 204

HIST 352 - American Empire: The United States, 1865-Present

2019-20, Winter 3(3-0-0)

Is the United States an empire? This course examines America's movement from isolationism to imperialism and sole world superpower, especially during the 20th century. This course offers an introductory survey of the history of the United States from the aftermath of the Civil War to the aftermath of 9/11. Topics include: Reconstruction; race relations and the rise of the Civil Rights movement; immigration; religious and political culture; and pivotal conflicts such as the Spanish-American War, the world wars, and the Cold War. We also will consider the economic, military, cultural and religious dimensions of the global assertion of American power over the past century.

Prerequisites: HIST 202 or 204

HIST 353 - Political History of the United States, 1776-present

2018-19, Fall 3(3-0-0)

This course in American government examines the history of political institutions in the United States from Independence in 1776 to the present day. This course explores the origins of the Constitution, the functions and historical evolution of the three branches of the federal government (executive, legislative, judiciary) as well as the roles of political parties, interest groups, public opinion, and the media. It also studies important historical case studies (over issues such as race, slavery and civil rights; civil and religious liberties; family and privacy law; and economic and environmental policy) that demonstrate how American political culture has changed over time. This course is decidedly interdisciplinary in approaching the subject using the methodologies of history and political science.

Same as POLI 353

Prerequisites: one of HIST 202, HIST 204, POLI 205

HIST 359 - Environmental History of the Americas
2018-19, Winter 3(3-0-0)

This course is designed to do two things. First, we will ask the question "What is environmental history?" as a way to introduce the students to the theoretical and disciplinary issues that drive this emerging academic field. Second, we will explore the history of our relationships with the environment and the Americas since the arrival of humans; particular comparisons will be made between aboriginal and Euro-American ideas and practices. The goal is to show that nature, too, has a history, and to provide historical context for our current concerns about environmental degradation.

Prerequisites: HIST 202 or 204

HIST 360 - Canada to Confederation
2019-20, Fall 3(3-0-0)

This course examines significant events, themes and personalities in the Canadian past from the European explorations to the movement toward Confederation. Particular attention is given to the formative intellectual and cultural currents of this period, in order to help develop an adequate foundation for both the study of recent Canadian history and the understanding of contemporary Canadian society.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: HIST 202 or 204

HIST 361 - Canada Since Confederation
2018-19, Winter 3(3-0-0)

This course deals with the major themes of Canadian history from the time of Confederation to the present. Among the topics covered are: the development of cultural communities, the Confederation era, social and economic developments, regionalism, political traditions, immigration and multiculturalism.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: HIST 202 or 204

HIST 364 - Futures in the Past: Historical Theology
2018-19, Fall 3(3-0-0)

A study of important stages in the development of Christian doctrine and some of the major figures in the history of Christian theology. We will examine the influence of social, political and cultural contexts on doctrine and theology, and ask the question whether and how a study of the Christian past

might give shape to the church, theology and Christian faithfulness in the present and future.

Same as THEO 364.

Prerequisites: HIST 202 or 204

HIST 370 - Historiography and Historical Methods
Every Year, Fall 3(3-0-0)

The course will introduce students to the main themes and debates in the study of history, to some of the key issues in the practice of doing history and being an historian and will reflect upon the current status of history. We will consider the history of history-writing (historiography) largely as it has developed in Western culture. We will also explore the meanings of contemporary critical theory (postmodernism, deconstruction, post-structuralism, feminist theory) for history as a discipline, and analyze alternative forms of history - film, fiction, and theme parks, for example - that make truth claims about the past. Throughout the course we will debate and reflect upon what it means to study the past as Christians, and seek to develop a Christian perspective on key issues and developments.

Prerequisites: HIST 202 or 204

HIST 373 - War and Peace
2018-19, Fall 3(3-0-0)

Blessed are the peacemakers, said Jesus, and this course offers an interdisciplinary inquiry into the issues of war and peace in the Western tradition. The course will mix philosophical and theological approaches (just war theory, humanitarian intervention, and Christian non-violence, for example) with historical case studies (especially the Crusades and the Second World War but also reaching to contemporary conflicts such as the "War on Terror"). This will be a seminar-style course based on weekly discussion of a common set of readings. The goal is to provide students with a heightened awareness of the range of perspectives on war and peace both in the past and in our world today.

Same as POLI 373.

Prerequisites: HIST 202 and 204 or POLI 205

HIST 380 - A History of Modern Russia
2019-20, Fall 3(3-0-0)

This course is designed to develop an understanding of the rise of Russia to world prominence. The course emphasizes political, social, and economic forces and institutions, the motives behind the Russian Revolution, the establishment of the Communist order, and Russia's role as a world power in the 20th century.

Prerequisites: HIST 202 or 204

HIST 382 - Stalinism: Terror, Progress and Belief
2019-20, Winter 3(3-0-0)

This course examines the contours of the Stalinist period of modern Russian history. It provides a comprehensive and detailed appraisal of the system that emerged in the USSR in the 1930s until the year of Stalin's death in 1953. This course includes sustained engagement with the historiography of Stalinism, and uses a variety of different sources - texts, newspapers, memoirs, posters, films, literature, music - to explore different aspects of the Stalinist system in order to understand what Stalinism was, how it emerged and how it worked in practice. It also appraises how Stalinism has been remembered East and West, and examines the treatment of Stalin in recent biographies.

Prerequisites: HIST 202 or 204

HIST 390 - The Second World War
2018-19, Winter 3(3-0-0)

This course examines the history of the Second World War, adopting a thematic and a comparative approach in order to explore some of the contested issues in our understanding of this key moment in twentieth century history, and of subsequent ways in which this war has been interpreted and represented by historians, commentators and politicians. This course examines a range of different source material as it explores some of these questions - visual, textual, official - and seeks to understand the forces which continue to shape our world today. Throughout the course we will debate and reflect upon what it means to study the past as Christians, and seek to develop a Christian perspective on key issues and developments.

Prerequisites: HIST 202 or 204

HIST 391 - The First World War
2018-19, Fall 3(3-0-0)

This course examines the history of the First World War, adopting a thematic and a comparative approach in order to explore some of the contested issues in our understanding of this key moment in twentieth century history, and of subsequent ways in which this war has been interpreted and represented by historians commentators and politicians. In this course we will examine a range of different source material as we explore some of these questions - visual, textual, official - and seek to understand the forces which continue to shape our world today. Throughout the course we will debate and reflect upon what it means to study the past as Christians, and seek to develop a Christian perspective on key issues and developments.

Prerequisites: HIST 202 or 204

HIST 399 - Special Topics in History
Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the history faculty and offered on a non-recurring basis.

Prerequisites: HIST 202 or 204

HIST 460 - History of Christianity in Canada
2018-19, Winter 3(3-0-0)

This course seeks to examine various aspects of the religious culture of British North America and Canada from the 18th century to the present. It will consist of a combination of lectures by the instructor and seminar discussions based on extensive readings in the most recent literature. Among the topics to be considered are Protestant-Catholic relations, evangelicalism, ultramontanism, the Victorian crisis of belief, the social gospel, secularization, fundamentalism, and popular religious culture. Readings in English, Scottish, Irish and American religious history are intended to provide a transatlantic and comparative perspective on the Canadian scene.

Prerequisites: HIST 360 or HIST 361

HIST 496 - Oral History Project
Every Year, Fall and Winter 3(0-3-0)

Every human story is important, and oral history is one way to capture, preserve, and honour the living memories of ordinary people. This course has two major goals. First, students will explore the theoretical, ethical, and methodological dimensions of this type of history. Second, in consultation with the instructor, students will prepare for and conduct a substantial oral history interview project. In many cases the result-a video interview and transcription-will be preserved in the Gerry Segger Heritage Collection at King's, whose mission is to document the Dutch-Canadian Experience. In other cases the student will work with the instructor to identify a suitable archival home for the final project. Interested students must seek the permission of the instructor before enrolling in this course.

Prerequisites: HIST 202 or 204 and consent of the instructor

HIST 497 - Research Project
Every Year, Fall 3(0-0-3)

Students will carry out an independent research project under the supervision of one of the professors in the department.

Prerequisites: Completion of 84 credits and consent of the instructor

HIST 498 - Research Project

Every Year, Winter 3(0-0-3)

Students will carry out an independent research project under the supervision of one of the professors in the department.

Prerequisites: Completion of 84 credits and consent of the instructor

HIST 499 - Directed Studies in History

Every Year, 1 to 3 (varies)

This course is designed to provide students with an opportunity to conduct supervised research on a topic which they choose in consultation with a member of the history department. An emphasis will be placed on research methods, problems of interpretation and the art of writing.

Prerequisites: Six credits in history at the 300-level, and consent of instructor

INTERDISCIPLINARY STUDIES

Interdisciplinary Studies courses examine worldviews, the interrelation between academic disciplines and cultural issues. The goal of these courses is to discover how all of creation works together to the glory of God the Creator.

INST 200/210/300/310/400/410 - Interdisciplinary Perspectives I/II/III/IV/V/VI

Every Term, 0.5(0-1-0)

This course is offered in the form of a two-day conference each term. Each student carrying at least 9 credits must register for this Interdisciplinary Short-course Conference each term up to a total of 3 credits, and must complete a follow-up assignment each term which may include attendance at subsequent seminars. These Short-course Conferences with provocative outside speakers are designed to introduce students to foundational issues, including the nature of scholarship at a Christian liberal arts college such as King's, the unity of created reality, and the ambivalent relationship Christians have with our society, and also to cultivate students' consideration of complex issues. Mark for the course will be pass/fail.

Students with credit in INST 495 cannot receive credit in INST 200 and 210.

Prerequisite: Student's must follow the sequence of INST 200, 210, 300, 310, 400, 410

INST 499 - Directed Studies in Interdisciplinary Studies

Every term, 0.5 to 3 (varies)

An opportunity to do advanced study of a special topic of particular interest to a student. Students work with a member of faculty. Students must apply in advance to the Director of Interdisciplinary Studies. Enrollment in this course is restricted

to those presenting exceptional circumstances. No more than one INST 499 course may be applied to the degree.

Corequisites: INST 200, 210, 300, 310 or 400

KINESIOLOGY

Kinesiology makes an essential contribution to your growth and development by fostering a holistic conception of humanity and providing a program of experiences which can contribute to a full life. See the requirements for Minor/Second Concentrations for related courses.

KINESIOLOGY COURSES

KINS 255 - Personal Physical Fitness and Wellness

Every Year, Winter 3(3-0-2)

This introductory course examines many of the determinants of total wellness and is intended to assist students in developing an awareness of lifestyle issues, to provide them with information about a positive, healthy lifestyle and ultimately to encourage them to adopt healthy practices. Emphasis will be placed upon knowing and understanding basic concepts of fitness, nutrition, elementary first-aid, stress and disease control and applying these in the lab. A holistic approach will provide students with a deeper understanding of their responsibility for personal wellness as part of God's creation.

KINS 300 - Fundamentals of Coaching

2019-20, Winter 3(3-0-0)

Introduction to the multifaceted field of coaching sports and physical activities. Topics include motivation and communication, skill analysis, training, ethics and sport management.

Prerequisites: 6 credits of physical activity courses

KINS 307 - Human Physiology I

2018-19, Fall 3(3-0-0)

A introductory study of human physiology. This course examines the human physiological systems which are the basis of normal body function and homeostasis. Topics include chemical and cellular composition of the body, genetic control, cellular respiration and metabolism, nervous system and sensory physiological function.

Same as BIOL 307.

Prerequisites: one of BIOL 207, BIOL 210, KINS 207

KINS 348 - Socio-cultural Aspects of Sport

2018-19, Winter 3(3-0-0)

This course examines how socio-cultural factors influence sport, and how sport has become a socializing agent of society and culture. Historical and sociological dimensions are explored.

Aspects include the industry of sport, gender and sport, ethics and sport, and sport phenomena such as the Olympics.

Same as SOCI 348.

Prerequisites: 3 credits of kinesiology or sociology

KINS 385 - Athletics Internship

Subject to demand, 3(130 Hours)

Placement of a student with a sports organization for work experience. The practicum is designed by the student, supervising faculty member, and the supervising organizational director. Course work may include weekend seminars and certification in a specific sport or sports related training.

Prerequisite: Consent of the instructor

KINS 393 - Movement Activities for Children

Every Year, Fall 3(1-0-2)

Students will study movement activities for children in elementary school within a developmental framework. Special emphasis is placed on games, gymnastics and dance for children ages five to twelve years. The course combines theory, practical teaching experiences with children and critical reflection on these experiences in the context of children's physical development. This will include the study of free play and organized physical activities in recreational, educational, and sport environments.

Students with credit in EDUC 203 cannot receive credit in KINS 393. Same as EDUC 393.

KINS 399 - Special Topics in Kinesiology

Non-Recurring, 3(varies)

A course on a topic or figure of special interest and offered on a non-recurring basis.

Prerequisites: 6 credits of KINS; some topics may have more specific requirements

ACTIVITY COURSES

KINS 205 - Introduction to Soccer

2019-20, Fall 3(0-0-3)

This course includes instruction in outdoor soccer, indoor soccer and futsal. Content focuses on the theory and practice of the fundamental skills with an overview of history, strategies, training rules and regulations. Emphasis is divided equally between skill acquisition and the pedagogy of skills as required by the National Coaching Certification Program (NCCP).

KINS 207 - Human Anatomy

Every Year, Winter 3(3-0-3)

Introductory study of the human body which includes structural and functional components of selected systems. This course is

designed to provide the student with a systematic description of the anatomical structure and function of the human body. Students will gain an understanding of human gross anatomy and a working knowledge of the integration of the human body's major physiological systems. Emphasis will also be placed on critical thinking, active questioning and an appreciation for health and disease from a gross anatomical perspective.

Same as BIOL 207.

KINS 210 - Social Dance

2018-19, Winter 3(0-0-3)

This course introduces students to individual and partner dances which include a variety of dance forms such as modern, social, jazz and folk. The focus of the course will be on the aesthetic, expressive and rhythmical dimensions of movement with an emphasis on performing and teaching movement content, techniques, improvisation and composition.

Students with credit in KINS 271 cannot receive credit in KINS 210.

KINS 211 - Introduction to Basketball

2018-19, Fall 3(0-0-3)

This course includes basic instruction in basketball. Content will include the theory and practice of the fundamental skills with an overview of history, strategies, training rules and regulations. Emphasis is divided equally between skill acquisition and the pedagogy of skills as required by the National Coaching Certification Program (NCCP).

KINS 216 - Introduction to Volleyball

2019-20, Winter 3(0-0-3)

This course includes basic instruction in volleyball. Content will include the theory and practice of the fundamental skills with an overview of history, strategies, training rules and regulations. Emphasis is divided equally between skill acquisition and the pedagogy of skills as required by the National Coaching Certification Program (NCCP).

Students with credit in KINS 263 cannot receive credit in KINS 216.

KINS 222 - Strength Training and Conditioning

2019-20, Fall 3(0-0-3)

This course is intended as an introduction to the basic principles of strength training and cardiovascular conditioning. Emphasis is placed on fitness testing and evaluation, training techniques, program design, methods of training and implementation. Students will learn to administer and interpret fitness assessments, develop training programs, and monitor training.

KINS 223 - Introduction to Martial Arts

2018-19, Winter 3(0-0-3)

This course offers basic elementary instruction in the martial arts. Content will vary based on the style practiced by the instructor. The focus of the course will be on the theory and practice of the fundamental skills of the martial arts. Emphasis will be placed on participation and skill acquisition with an overview of basic movement strategies and principles of training. Certification and progression to a yellow belt/sash are attainable. (Note: The purchase of a traditional outfit of the style practiced by the instructor is recommended but not required.)

Students with credit in KINS 283 or KINS 221 cannot receive credit for KINS 223.

KINS 237 - Introduction to Badminton

2018-19, Fall 3(0-0-3)

This course includes basic instruction in badminton. Content will include the theory and practice of the fundamental skills with an overview of history, strategies, training rules and regulations. Emphasis is divided equally between skill acquisition and the teaching of basic skills as required by the National Coaching Certification program (NCCP). Students who successfully fulfill these requirements will receive certification as an NCCP Community Coach.

KINS 305 - Advanced Soccer

2019-20, Winter 3(1-0-2)

This course includes intermediate to advance instruction in soccer and futsal. Content will include the theory and practice of advanced skills with an in depth look at the history, strategies, training rules and regulations of the sport. Emphasis is divided equally between skill acquisition and the pedagogy of skills as required by the National Coaching Certification Program (NCCP).

Prerequisites: KINS 205

MATHEMATICS

Mathematics uses deductive reasoning to explore the numerical and spatial aspects of creation. Abstracting particular attributes of empirical phenomena, it describes the properties and relationships that apply to all situations exhibiting a shared set of characteristics. As such, mathematics provides a quantitative framework for many disciplines, and forms "the language of science". A Christian perspective acknowledges and utilizes its immense analytical power, while realizing its subtle limitations and restrictions.

MATH 200 - Introductory Calculus I

Every Year, Fall and Winter 3(3-0-0)

Review of analytic geometry; functions, limits, derivatives, and applications; integration and applications.

Prerequisites: Mathematics 30-1

MATH 205 - Introductory Calculus II

Every Year, Winter 3(3-0-0)

Continuation of MATH 200. Transcendental and hyperbolic functions; methods of integration; sequences, series and applications.

Prerequisites: MATH 200

MATH 221 - Linear Algebra I

Every Year, Fall 3(3-0-0)

An introduction to linear algebra including solving linear equations, matrix algebra, determinants, vector spaces and linear transformations.

Prerequisites: Mathematics 30-1

MATH 281 - Principles of Mathematics for Teaching

Every Year, Fall 3(3-0-0)

This course provides a study of foundational mathematical concepts and properties in the elementary and junior high curriculum. The course emphasizes conceptual understanding, reasoning, explaining why algorithms work, and problem solving. Topics include number systems, operations, fractional numbers, proportional reasoning, and aspects of geometry.

Same as EDUC 281.

MATH 282 - Mathematical Reasoning for Teaching

Every Year, Fall 3(3-0-0)

This course explores the mathematical reasoning embedded in concepts encountered in the upper elementary and junior high curriculum. The course emphasizes conceptual understanding, reasoning, explaining why algorithms work, and problem solving. The content follows sequentially from Math 281. Topics include proportional reasoning, number theory, algebraic reasoning and aspects of geometry and probability.

Same as EDUC 582.

MATH 300 - Intermediate Calculus I

2018-19, Fall 3(3-0-0)

Series, power series and applications. Plane curves, polar coordinates and three dimensional analytic geometry. Partial differentiation and Lagrange multipliers.

Prerequisites: MATH 205

MATH 305 - Intermediate Calculus II

2018-19, Winter 3(3-0-0)

Multiple integrals, integrals in rectangular and polar coordinates. Introduction to vector calculus and Gauss', Green's and Stoke's theorems. Introduction to first- and second-order linear differential equations with applications.

Prerequisites: MATH 300

MATH 360 - Discrete Mathematics

2019-20, Fall 3(3-0-1.5)

An introduction to formal logical reasoning and mathematical theory in computing science. Topics include: fundamental logic, set theory, induction, relations and functions, languages, the principle of inclusion and exclusion, generating functions and recurrence.

Same as CMPT 360.

Prerequisites: MATH 200

MATH 399 - Special Topics in Mathematics

Non-Recurring, 3(varies)

A course on a topic or field of special interest to a member of the mathematics faculty and offered on a non-recurring basis.

Prerequisites: MATH 200; some topics may have more specific prerequisites

MATH 420 - Numerical Analysis

2018-19, Fall 3(3-0-3)

An introduction to numerical computation. Topics include computer arithmetic, root approximation, interpolation, numerical integration, applications to differential equations, and error analysis.

Same as CMPT 420.

Prerequisites: CMPT 275, MATH 205, 221

MATH 430 - Theory of Computing

2018-19, Winter 3(3-0-0)

An introduction into advanced topics in the theory of computation. Topics include: models of computers including finite automata and Turing machines, computability, computational complexity, basics of formal languages.

Same as CMPT 430.

Prerequisites: CMPT/MATH 360

MATH 434 - Differential Equations

2019-20, Fall 3(3-0-0)

First, second, and higher order ordinary differential equations; power series methods of solution; Laplace transforms; linear

systems of equations; numerical methods of solution. Applications to the physical sciences will be emphasized.

Prerequisites: MATH 205, 221

MATH 448 - Complex Analysis

2019-20, Winter 3 (3-0-0)

An introduction to complex analysis. The course will cover properties of the complex plane, differentiation and integration with complex variables, Cauchy's Theorem, Taylor series, Laurent series, poles and residues.

Prerequisites: MATH 300

MATH 460 - Cryptography

2019-20, Winter 3(3-0-3)

This course introduces the mathematical algorithms that are used in cryptography. This includes historic cryptography such as the Caesar and Vigenere ciphers, and the German enigma machine. The majority of the course will focus on modern, public key cryptography: the Diffie-Hellman key exchange, RSA, and elliptic curve cryptography. Students will also learn the mathematics used in these algorithms, which includes modular arithmetic, Euler's phi function, introductory information on elliptic curves, and the definitions of groups, rings and fields. The lab component explores prime detection and factorization algorithms, and the implementation of ciphers.

Same as CMPT 460.

Prerequisites: CMPT 275, CMPT/MATH 360

MATH 499 - Directed Studies in Mathematics

Every Year, 1 to 3 (varies)

An opportunity to do advanced study of a special topic of particular interest to a student. Students work with a member of the mathematics faculty. Students must apply in advance to a member of the mathematics faculty.

Prerequisites: Six credits in mathematics at the 300-level, and consent of instructor

MUSIC

Courses in music are designed not only to familiarize the student with the physical aspects of the art (including theory and performance techniques) and its aesthetic qualities, but also to seek answers to philosophical questions concerning its nature, origin and development. As music is a reflection of all aspects of reality (from numerical, spatial, kinematic, etc., to the ethical and religious), an interdisciplinary, integrated approach is followed from a Christian perspective.

Notes:

- Auditions (for first enrolment only) for individual instruction in all instruments including voice are held February 24, 2018, April 14, 2018, and the start of the fall term.
- Corequisite: All full-time students who are not music majors and taking a practical 200- and 300-level credit course in applied music must enroll in one of the following: Concert Choir, Chamber Choir or Instrumental Ensemble (maximum 6 terms). Students in Applied Voice may start fulfilling the choir requirement in their second year. For music major students, see special ensemble requirements under 3- and 4-year B.A. (Music) and B.Mus. program.
Applications to fulfill the Concert Choir corequisite requirement outside the University will be considered only for non-music majors in exceptional circumstances, provided that the work is clearly comparable in scope and of the same academic and professional standing.
Instrumental Ensemble requirements are met through enrolment in a University of Alberta instrumental ensemble course (e.g. University Orchestral Winds, Wind Ensemble or Jazz Band) or in a comparable university-level orchestra or ensemble.
- The applied credit courses in bassoon, cello, clarinet, classical accordion, classical guitar, double bass, flute, French horn, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin and voice include weekly 80 minute repertoire classes.
- The Bachelor of Music degree requires performance proficiency in the applied field and is open to students in a number of applied fields. See description and listing under MUSI 313, 363, 413, 463, 513, 563 or 214, 264, 314, 364, 414, 464, 514, 564. Other applied areas will be opened as required.
- Canadian content requirement: Students in the 5xx Applied courses must include some 20th century Canadian music in their repertoire.

Please note that, for convenience, courses in the music section have been organized by type.

APPLIED MUSIC (PRIVATE MUSIC INSTRUCTION)

All applied credit courses in music are term courses with a final exam in December and April. Courses with a middle digit of 1 (e.g., 211, 214, 311, etc.) indicate first term; those with a 6 (e.g., 261, 264, 361, etc.) indicate second term. Numbers starting with a digit of 2 indicate first year; those with a 3, second year; those with a 4, third year; and those with a 5, fourth year.

All music majors will have a common track in their first year of applied lessons. Those with advanced training will register in 214 first their first term and 264 for their second term. During the last week of April those students wishing to pursue the performance track for subsequent

year may audition. Only students who are highly qualified and gifted in performance will be considered for the performance track (e.g., 313, 363, 413, 463, 513, 563). The performance track requires a junior (non-juried) and senior (juried) recitals.

Tracks constitute different expectation levels in performance which are indicated by the last digit in the course number.

Course numbers ending with a digit of 1 indicates a second (non-major) applied subject. They are half courses involving one half-hour of instruction per week and are offered in the first, second, and third year (211, 261; 311, 361; 411, 461) and constitute 1.5 credits each term. (Note: Arrangements for one-hour instruction per week can be made by the Music Department in consultation with the instructor and the University administration.)

Course numbers ending with a digit of 4 indicate an applied subject which is taken as main, or first, practical subject but not as specialization subject in the field of music (e.g., specialization in music theory with piano as principal instrument) in the first, second, third, and fourth year (MUSI 214, 264; 314, 364; 414, 464; 514, 564). They are full courses, comprising one hour of instruction per week and constitute three credits per term.

Course numbers ending with a digit of 3 indicate an applied subject as a performance track subject and as subject of specialization in the second, third, and fourth year (313, 363; 413, 463; 513, 563). They are full courses, comprising one hour of instruction per week, and constitute three credits per term.

MUSI 108 - Applied Music Non-Credit Course

Every Year, Fall or Winter 0(.5-0-0)

Individual instruction (one-half hour per week) offered in bassoon, cello, clarinet, classical accordion, classical guitar, double bass, flute, French horn, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin and voice.

Prerequisites: Audition

MUSI 109 - Applied Music Non-Credit Course

Every Year, Fall or Winter 0(1-0-0)

Individual instruction (one hour per week) offered in bassoon, cello, clarinet, classical accordion, classical guitar, double bass, flute, French horn, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin and voice.

Prerequisites: Audition

MUSI 211/261/311/361/411/461 - Second Practical Subject
Every Year, Fall or Winter 1.5(.5-0-0) for each course

These courses are open to students in the music program and are available in bassoon, cello, clarinet, double bass, classical guitar, flute, French horn, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin and voice.

Prerequisites: MUSI 211 requires the passing of an auditioning test, the remaining courses require the previous course as the prerequisite or an equivalent

MUSI 313/363/413/463/513/563 - First Practical, Specialization Subject
Every Year, Fall or Winter 3(1-0-0) for each course

These courses are open to students in the music program and are available in bassoon, cello, clarinet, double bass, classical guitar, flute, French horn, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin and voice. Senior courses in other applied fields will be developed as required. For MUSI 463 and 563 a public solo recital is required (Junior, Senior recital)

Prerequisites: MUSI 313 requires MUSI 264 or equivalent, or the passing of an auditioning test; the remaining courses require the previous course as the prerequisite or an equivalent

MUSI 214/264/314/364/414/464/514/564 - First Practical, Non-Specialization Subject
Every Year, Fall or Winter 3(1-0-0) for each course

These courses are open to students in the music program and are available in bassoon, cello, clarinet, double bass, classical guitar, flute, French horn, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin and voice. Senior courses in other applied fields will be developed as required.

Prerequisites: MUSI 214 does not have a prerequisite; the remaining courses require the previous course as the prerequisite or an equivalent

MUSI 488 - Directed Studies: Diction and Vocal Literature
Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: MUSI 463/464 and consent of the instructor

MUSI 489 - Directed Studies: Pedagogy
Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: MUSI 463/464

MUSI 492 - Directed Studies in the Applied Field
Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: MUSI 463/464

MUSI 498 - Senior Recital
Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: MUSI 463

MUSI 601/602/651/652 - Advanced Study in the Applied Field I/II/III/IV
Every Year, 3(0-0-1)

Advanced study in Applied Music involving one-hour p.w. instruction. This course is open only to students in the After-Degree Performer's Certificate and Artist's Diploma.

Prerequisites:
MUSI 601: MUSI 498, MUSI 563 and an audition
MUSI 602: MUSI 601
MUSI 651: MUSI 602
MUSI 652: MUSI 651

MUSI 603/604/653/654 - Directed Advanced Study in the Applied Field I/II/III/IV
Every Year, 3(0-0-1)

Directed advanced studies in the applied field. This course is open only to students in the After-Degree Performer's Certificate and Artist's Diploma.

Prerequisites:
MUSI 603: MUSI 498, MUSI 563 and an audition
MUSI 604: MUSI 603
MUSI 653: MUSI 604
MUSI 654: MUSI 653

MUSI 648/649/698/699 - Advanced Recital I/II/III/IV
Every Year, 3(0-0-1)

Advanced Juried Recital, involved coaching by instructor. This course is open only to students in the After-Degree Performer's Certificate and Artist's Diploma.

Prerequisites:
MUSI 648: MUSI 498, MUSI 563 and an audition
MUSI 649: MUSI 648
MUSI 698: MUSI 649
MUSI 699: MUSI 698

CHORAL ENSEMBLES

Note: Students wishing to begin an ensemble/choir in the Winter Semester may be admitted to the Winter offering of the ensemble/choir with the instructor's permission. The following Fall semester the student must complete the missed Fall offering.

MUSI 105 - Community Chorus

Every Year, Fall and Winter 0(0-0-2)

This ensemble rehearses once a week and performs jointly with The King's University Concert and Chamber Choirs. The Community Chorus is open to anyone interested in choral music. No previous choral experience is necessary and no formal audition is required.

Prerequisites: Vocal Placement Required

MUSI 110 - Concert Choir Ia

Every Year, Fall (3-0-0)

The acquisition of vocal technique in a large ensemble setting; the study and performance of choral repertoire.

Prerequisites: Consent of the instructor

MUSI 111 - Chamber Choir Ia

Every Year, Fall (4.5-0-0)

The acquisition of vocal technique, sight-reading, and listening skills in a smaller and more advanced ensemble; the study and performance of choral repertoire.

Prerequisites: Consent of the instructor

MUSI 160 - Concert Choir Ib

Every Year, Winter(3-0-0)

The acquisition of vocal technique in a large ensemble setting; the study and performance of choral repertoire.

Participation in annual choir tour is required.

Prerequisites: Consent of the instructor

MUSI 161 - Chamber Choir Ib

Every Year, Winter(4.5-0-0)

The acquisition of vocal technique in a large ensemble setting; the study and performance of choral repertoire.

Participation in annual choir tour is required.

Prerequisite: Consent of the instructor

MUSI 209/309/409/509 - Chamber Choir Ia/IIa/IIIa/IVa

Every Year, Fall 2.25(4.5-0-0)

The acquisition of vocal technique, sight-reading, and listening skills in a smaller and more advanced ensemble; the study and performance of choral repertoire.

Prerequisites:

MUSI 209: Passing of a voice audition

MUSI 309: MUSI 209 and MUSI 259

MUSI 409: MUSI 309 and MUSI 359

MUSI 509: MUSI 409 and MUSI 459

MUSI 210/310/410/510 - Concert Choir Ia/IIa/IIIa/IVa

Every Year, Fall 1.5(3-0-0)

The acquisition of vocal technique, sight-reading, and listening skills in a large ensemble; the study and performance of choral repertoire

Prerequisites:

MUSI 210: none

MUSI 310: MUSI 210 and MUSI 260

MUSI 410: MUSI 310 and MUSI 360

MUSI 510: MUSI 410 and MUSI 460

MUSI 259/359/459/559 - Chamber Choir Ib/IIb/IIIb/IVb

Every Year, Winter 2.75(4.5-0-0)

The acquisition of vocal technique, sight-reading, and listening skills in a smaller and more advanced ensemble; the study and performance of choral repertoire. Participation in the annual spring choir tour is mandatory.

Prerequisites:

MUSI 259: MUSI 209

MUSI 359: MUSI 259 and MUSI 309

MUSI 459: MUSI 359 and MUSI 409

MUSI 559: MUSI 459 and MUSI 509

MUSI 260/360/460/560 - Concert Choir Ib/IIb/IIIb/IVb

Every Year, Winter 2(3-0-0)

The acquisition of vocal technique, sight-reading, and listening skills in a large ensemble; the study and performance of choral repertoire. Participation in the annual spring choir tour is mandatory.

Prerequisites:

MUSI 260: MUSI 210

MUSI 360: MUSI 260 and MUSI 310

MUSI 460: MUSI 360 and MUSI 410

MUSI 560: MUSI 460 and MUSI 510

MUSI 320/420/520 - Opera Chorus Ia/IIa/IIIa

Every Year, Fall 1.5(3-0-0)

Acquisition of professional performing experience in Edmonton Opera chorus; study and performance of repertoire.

Prerequisites:

MUSI 320: MUSI 210 and MUSI 260 and consent

MUSI 420: MUSI 320 and MUSI 370

MUSI 520: MUSI 420 and MUSI 470

MUSI 370/470/570 - Opera Chorus Ib/IIb/IIIb

Every Year, Winter 1.5(3-0-0)

Acquisition of professional performing experience in Edmonton Opera chorus; study and performance of repertoire.

Prerequisites:

MUSI 370: MUSI 320

MUSI 470: MUSI 370 and MUSI 420

MUSI 570: MUSI 470 and MUSI 520

MUSI 494 - Directed Choral Music Studies

Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: MUSI 330, 331 and consent of the instructor

INSTRUMENTAL ENSEMBLE

Note: Students wishing to begin an ensemble/choir in the Winter Semester may be admitted to the Winter offering of the ensemble/choir with the instructor's permission. The following Fall semester the student must complete the missed Fall offering.

MUSI 240/340/440/540/ - Instrumental Ensemble Ia/IIa/IIIa/IVa

Every Year, Fall 1.5(3-0-0)

This course allows the student to acquire orchestral or instrumental ensemble experience in an educational setting through enrolment in a University of Alberta instrumental ensemble course (e.g. University Orchestra, Academy Strings, Concert Band, Orchestral winds, Wind Ensemble, or Jazz Band) or in a comparable university-level orchestra ensemble.

Prerequisites:

MUSI 240: Passing of placement audition with one of the above

MUSI 340: MUSI 290

MUSI 440: MUSI 390

MUSI 540: MUSI 490

MUSI 290/390/490/590 - Instrumental Ensemble Ib/IIb/IIIb/IVb

Every Year, Winter 1.5(3-0-0)

Continuation of MUSI 240, 340, 440, 540.

Prerequisites:

MUSI 290: MUSI 240

MUSI 390: MUSI 340

MUSI 490: MUSI 440

MUSI 590: MUSI 540

MUSI 491 - Directed Studies: Mixed Ensemble

Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: Consent of the instructor

MUSIC THEORY COURSES**MUSI 200 - Introduction to Music Theory**

Every Year, Fall 3(3-0-0)

A course designed to provide the student with a solid foundation in the principles and tools of music theory. Topics include rhythmic notation, major and minor scales, intervals, chords and cadences.

This course does not meet major requirements in the Bachelor of Music degree program. However, all entering music students must enroll in this course. Students with advan

MUSI 216 - Tonal Harmony I

Every Year, Winter 3(3-0-0)

Topics include harmonic progression, three- and four-part voice-leading, non-chord tones and an introduction to phrase structure.

Students with credit in MUSI 207 cannot receive credit in MUSI 216.

Prerequisites: MUSI 200 or passing of the Music Theory Competency Exam.

MUSI 266 - Tonal Harmony 2

Every Year, Fall 3(3-0-0)

Topics include seventh chords, secondary functions, modulation, mode mixture and large forms.

Students with credit in MUSI 257 cannot receive credit in MUSI 266.

Prerequisites: MUSI 216

MUSI 316 - Tonal Harmony 3

2019-20, Winter 3(3-0-0)

Topics include chords of the flat sixth, enharmonic re-spelling and dominant extensions.

Students with credit in MUSI 307 cannot receive credit in MUSI 316.

Prerequisites: MUSI 266

MUSI 416 - Introduction to Modal Counterpoint

2018-19, Fall 3(3-0-0)

An introduction to two-part species counterpoint including invertible counterpoint, cadence formulas, mixed values and the imitative duo.

Students with credit in MUSI 407 cannot receive credit in MUSI 416.

Prerequisites: MUSI 316

MUSI 466 - Analysis of Tonal Music

2018-19, Winter 3(3-0-0)

Advanced study of tonal harmony includes basic Schenkerian linear analysis, interworking of text and tonality, sonata-allegro form and tonality of the late nineteenth- and twentieth-centuries.

Students with credit in MUSI 366 cannot receive credit in MUSI 466

Prerequisites: MUSI 316

MUSI 493 - Directed Theory/Composition Studies

Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: MUSI 316, MUSI 317 and consent of the instructor

AURAL SKILLS COURSES**MUSI 217 - Aural Skills I**

Every Year, Winter 1.5(0-0-3)

Topics include an introduction to the tonic sol-fa system sight-singing system, performance and recognition of ascending and descending diatonic intervals, diatonic melodies, root position chord progressions and rhythms in simple and compound metres.

Prerequisites: MUSI 200 or equivalent theoretical rudiments

MUSI 267 - Aural Skills 2

Every Year, Fall 1.5(0-0-3)

Topics include performance and recognition of ascending and descending chromatic intervals, melodies and chord progressions with tonicizations and rhythms including the 2:3, 3:2 cross-rhythm.

Prerequisites: MUSI 217

MUSI 317 - Aural Skills 3

2019-20, Winter 1.5(0-0-3)

Topics include performance and recognition of compound intervals, melodies with modulation, chord progressions with secondary functions and complex rhythms.

Prerequisites: MUSI 267

MUSI 367 - Aural Skills 4

2018-19, Fall 1.5(0-0-3)

Topics include performance and recognition of chromatic and modulating melodies, modulating chord progressions including chords of the flat sixth, rhythms with changing metre and the 3:4, 4:3 cross-rhythm.

Prerequisites: MUSI 317

MUSI 467 - Advanced Aural Skills

2018-19, Winter 1.5(0-0-3)

Topics include performance and recognition of modal, freely chromatic, octatonic, whole-tone and non-tonal melodies, non-tonal sonorities, metrical modulation, advanced beat groupings and the 5:4 and 5:3 cross-rhythms.

Students with credit in MUSI 417 cannot receive credit in MUSI 467.

Prerequisites: MUSI 367

LITURGICAL REPERTOIRE AND CONDUCTING/CHORAL CONDUCTING**MUSI 235 - Introduction to Liturgical Music Repertoire and Conducting I**

2019-20, Fall 3(3-0-0)

This course introduces organists or pianists to the basic conducting techniques, repertoire, and liturgical role of choral music within the worship service.

Students with credit in MUSI 330 cannot receive credit in MUSI 235. Not open to B.Mus. students.

Prerequisites: Passing of a rudiments of music and keyboard facility test

MUSI 285 - Introduction to Liturgical Music Repertoire and Conducting II

2019-20, Winter 3(3-0-0)

A continuation of MUSI 235.

Students with credit in MUSI 331 cannot receive credit in MUSI 285. Not open to B.Mus. students.

Prerequisites: MUSI 235

MUSI 330 - Choral Conducting I

2019-20, Fall 3(3-0-0)

This course introduces the student to the technique of choral conducting and choral repertoire. It is required of all senior students in the Diploma of Church Music program. The consent of the instructor is required for others.

Students with credit in MUSI 235 cannot receive credit in MUSI 330.

Prerequisites: MUSI 216, 217, 266, 267

MUSI 331 - Choral Conducting II

2019-20, Winter 3(3-0-0)

Advanced choral conducting techniques, choral practicum and choral literature. It is required of all senior students in the Diploma of Church Music program.

Students with credit in MUSI 285 cannot receive credit in MUSI 331.

Prerequisites: MUSI 330

MUSICOLOGY COURSES

MUSI 205 - Music Appreciation I

Every Year, Winter 3(3-0-0)

A course designed to promote the enjoyment of and intelligent listening to music for both the music student and non-music student. Through aural analysis of recordings, the student learns to discern the various physical, psychological, social, ethical, etc., aspects inherent in music and its aesthetic evaluation. The main forms, genres and styles are introduced and analyzed. Basic reading of music an asset but not required.

Not open to B.Mus. students.

MUSI 301 - The Classic Period in Music History

2019-20, Winter 3(3-1-0)

An overview of Western Classical music in its Vienna Classic period with weekly seminars on special topics.

Prerequisites: MUSI 216, 217, 306

MUSI 302 - Music of Early Christianity, the Medieval Period and the Renaissance

2018-19, Winter 3(3-1-0)

An overview of Western Classical music from early Christianity through the end of the Renaissance with weekly seminars on special topics.

Prerequisites: MUSI 216, 217, 306

MUSI 303 - History of Baroque Music

2019-20, Fall 3(3-1-0)

An overview of Western Classical music in its Baroque period with weekly seminars on special topics.

Prerequisites: MUSI 216, 217, 306

MUSI 304 - The Romantic Period in Music History

2020-21, Fall 3(3-1-0)

An overview of Western Classical music in the Romantic era with weekly seminars on special topics.

Prerequisites: MUSI 216, 217, 306

MUSI 305 - Classical Music of the 20th Century

2018-19, Fall 3(3-1-0)

An overview of modernist and post-modernist Western Classical music with weekly seminars on set theory and the twelve-tone system.

Prerequisites: MUSI 216, 217, 306

MUSI 306 - Music History Overview

Every Year, Winter 3(3-1-0)

An overview of Western Classical music in its cultural context as it developed from Antiquity to the present with weekly seminars on special topics.

Students with credit in MUSI 255 cannot receive credit in MUSI 306.

Prerequisites: MUSI 200 or equivalent theoretical rudiments

MUSI 376 - Studies In Christian Worship

2019-20, Full Year Course 3(1.5-0-0)

A study of Christian worship which includes biblical principles for worship, the historical development of liturgy, cultural dynamics in contemporary worship, and explores the rich and varied resources with the ecumenical Christian community. Themes to be studied include praise and lament, confession and proclamation, use of the lectionary, sacraments, liturgical dance, the use of art in worship, the relationship of worship and justice, and more. There will be a strong emphasis on the music of worship. Students will have an opportunity to attend various worship services as well plan, lead, and participate in worship. This course meets the senior level foundation theology

requirement only for students with music as their major/first concentration. Same as THEO 376

Corequisite: THEO 250

MUSI 495 - Systematic Musicology

Every Year, Fall 3(3-0-0)

An exploration of the many qualities that music partakes of as an art form, from acoustics and psychology to aesthetics and historiography.

Prerequisites: MUSI 306 and one 300-level course in music

MUSI 496 - Directed Studies in Musicology

Every Year, 3(0-0-1)

Directed study in the field of specialization involving one-hour p.w. of coaching or tutorial work.

Prerequisites: 15 credits in Music History and consent of the instructor

MUSIC SEMINARS/TUTORIALS

MUSI 385 - Music Internship I

Every Year, Fall or Winter 1.5(80 hours)

Placement of a student with an employer organization for work experience. The practicum is designed by the student, supervising faculty member, and supervising organizational director, to integrate the liberal arts study of music with work experience in a professional music context.

An Internship Agreement must be completed and approved before registration in the course.

Prerequisites: Consent of the instructor

MUSI 395 - Leadership In Praise and Worship Music

2018-19, Fall 3(1-0-3)

This is a tutorial course that will prepare students for musical leadership in a Contemporary Praise and Worship setting. Students will meet with the instructor for 1 hour per week to develop the required skills, and they will spend 3 hours per week practicing and demonstrating these skills in chapel settings and/or potential cooperative intern positions in local assemblies.

Prerequisites: MUSI 216, 217, 266, 267 and audition, or approval of the instructor and audition.

MUSI 399 - Special Topics in Music

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the music faculty and offered on a non-recurring basis.

Prerequisites: Three credits in music; some topics may have more specific prerequisites.

MUSI 485 - Music Internship II

Every Year, Fall or Winter 1.5(80 hours)

Placement of a student with an employer organization for work experience. The practicum is designed by the student, supervising faculty member, and supervising organizational director, to integrate the liberal arts study of music with work experience in a professional music context.

An Internship Agreement must be completed and approved before registration in the course.

Prerequisites: Consent of the instructor

MUSI 497 - Creative Techniques

Subject to demand, 3(0-3-0)

May cover a variety of fields from composition, creative stage techniques for singers to improvisation courses in applied instruments and could be handled by any of a number of music faculty.

Prerequisites: MUSI 316, 317, 306 and three credits of applied music

MUSI 499 - Topics in Music

Every Year, 1 to 3 (varies)

Independent study involving an applied area, or reading, research, and analysis on a topic to be arranged with the instructor.

Prerequisites: MUSI 316, 317, 306 and consent

PHILOSOPHY

It was Socrates who said, "The unexamined life is not worth living". This statement is especially true for the educated Christian who seeks to apply his or her faith to all areas of study and inquiry. A central task of philosophy is to criticize and examine the foundations of all disciplines, and a central task of Christian philosophy is to perform this task from a Christian point of view. For this reason, an introduction to philosophy is a necessary ingredient of a Christian liberal arts program.

Philosophy also has a unique area of inquiry which involves subjects such as metaphysics, epistemology, logic, and the history of philosophy as a contribution to human culture. For this reason, philosophy takes its place in a Christian liberal arts curriculum along with the other disciplines as an area to be studied for its own sake.

PHIL 221 - Introduction to Logic

2018-19, Fall 3(3-0-0)

This course is a study of the logical principles of critical thinking and the typical forms of valid and invalid reasoning.

This course does not fulfil philosophy foundations requirements.

PHIL 230 - Introduction to Philosophy

Every Year, Fall and Winter and 2017-18 Spring 3(3-0-0)

This course is an introduction to philosophy based on a reading of representative texts from the philosophical tradition. The issues connecting the texts to be read center on the nature of human being and experience.

PHIL 310 - History of Political Thought I: Classical and Medieval Political Thought

2019-20, Fall 3(3-0-0)

Examines major developments in the history of Western political thought from the ancient Greeks and Romans through the Christian period up to the Renaissance, with particular attention given to key writings by Plato, Aristotle, Augustine and Aquinas. Examines themes such as the justice, the state, politics, plurality, constitutionalism, power, war and the individual.

This course does not fulfil philosophy foundations requirements. Same as POLI 310.

Prerequisites: PHIL 230 or POLI 205

PHIL 311 - History of Political Thought II: Modern Political Thought

2019-20, Winter 3(3-0-0)

Examines the major social and political ideas developed in the modern era, focusing on select writings of major political philosophers such as Machiavelli, Hobbes, Locke, Rousseau, Marx and Nietzsche.

This course does not fulfil philosophy foundations requirements. Same as POLI 311.

Prerequisites: PHIL 230 or POLI 205

PHIL 320 - Philosophy of the Environment

Every Year, Winter 3(3-0-0)

A historical and systematic study of the structure and normed character of the various relationships between human beings and their environment. The ethical, aesthetic, or metaphysical ramifications of certain major environmental problems such as pollution, overpopulation, or resource exhaustion will be considered.

Prerequisites: PHIL 230

PHIL 321 - Metaphysics

2018-19, Fall 3(3-0-0)

A study of some central themes and problems in metaphysics which arise out of contemporary work in these areas. The course attempts to show the relevance of these issues to other areas of life and study. Often opinions and attitudes are shaped by unspoken metaphysical prejudices. The course takes a critical look at such presuppositions.

Prerequisites: PHIL 230

PHIL 322 - Epistemology

2018-19, Fall 3(3-0-0)

This course is an introduction to the theory of knowledge. Detailed examination is made of the concepts of justification, truth and belief. Particular attention is paid to the significance of philosophical skepticism for epistemology. Issues concerning the relativity and objectivity of knowledge, as well as debates about realism and anti-realism are also examined. Emphasis is placed on recent philosophical reflection on these issues, but students are also introduced to classical positions.

Prerequisites: PHIL 230

PHIL 327 - Greek Philosophy

2019-20, Fall 3(3-0-0)

A study of the major figures and philosophies in Pre-Socratic and classical Hellenic thought.

Prerequisites: PHIL 230

PHIL 332 - 20th Century Continental Philosophy

2018-19, Winter 3(3-0-0)

An examination of some recent figures and movements in continental philosophy. Attention is given to philosophers such as Husserl, Heidegger, Sartre, Merleau-Ponty, Gadamer, Ricoeur, Adorno, Habermas, Foucault and Derrida as well as to movements such as phenomenology, existentialism, philosophical hermeneutics, neo-Marxism, structuralism and post-structuralism. Attempts are made to discover historical connections not only among various philosophies but also between those philosophies and selected developments in the arts, the sciences and European society.

Prerequisites: PHIL 230

PHIL 334 - Philosophy of the Sciences

2019-20, Fall 3(3-0-0)

The meaning and nature of science will be examined by means of a multidisciplinary dialogue. Students will be invited to understand the sciences in relation to each other, to the world, and to their faith commitments.

Prerequisites: PHIL 230

PHIL 339 - Philosophical Ethics

2019-20, Winter and 2017-18 Spring 3(3-0-0)

A critical examination of the nature of morality by means of an analysis of classical and contemporary texts. Questions examined include: What is the nature of moral judgment? How are moral decisions justified? What is the relationship between virtue and moral behavior? What is the relationship between happiness and moral duty? Why be moral at all?

Prerequisites: PHIL 230

PHIL 343 - Medieval Philosophy

2018-19, Winter 3(3-0-0)

The course introduces the student to the main figures and ideas in the history of philosophy from 350 A.D. to 1350 A.D. Beginning with Augustine and the Church Fathers, the course covers the development of philosophy in Western Europe through Aquinas and his immediate successors. Special attention is paid to such issues as the relation of faith and reason, the idea of Christian philosophy, and the concepts of divinity, creation, human freedom and sin.

Prerequisites: PHIL 230

PHIL 345 - Philosophy from Descartes to Kant

2019-20, Fall 3(3-0-0)

This course is a survey of the origins and development of philosophy from Descartes to Kant. Special attention is paid to the relationship between epistemological ideas and political, ethical and religious thought.

Prerequisites: PHIL 230

PHIL 347 - Late European Modern Philosophy

2019-20, Fall 3(3-0-0)

This course is an attempt to lead students into an understanding and critical engagement of the central 19th Century debate among European philosophers between the idealists (represented most importantly by G.W.F. Hegel) who advocated an understanding of the world as a rational system, and their critics (of whom S. Kierkegaard is the most vivid example) who, in the name of an otherwise lost individuality, advocated an "irrational," personal basis for understanding and life. This course will engage this philosophical issue and period with an eye toward the ongoing implications of the debate for philosophy, but also for theology, and for the human sciences.

Prerequisites: PHIL 230

PHIL 351 - The Philosophy Of Friedrich Nietzsche

2019-20, Fall 3 (3-0-0)

This course will introduce students to the major themes of Nietzsche's philosophy. The course will focus on Nietzsche's account of morality and religion. The course will also examine his discussion of the causes and consequences of nihilism and

the death of God, as well as the solution he proposes for overcoming nihilism (the overman and the eternal recurrence).

Prerequisite: PHIL 230

PHIL 391 - Philosophy of Religion

2019-20, Winter 3(3-0-0)

An inquiry into selected philosophical issues concerning religion such as the presuppositions underlying various accounts of the origin of religion, the relationships among faith, reason and revelation, the possibility of giving a rational defense of religious belief, and such topics as the problem of evil, immortality and the supernatural.

Same as THEO 391.

Prerequisites: PHIL 230 and THEO 250

PHIL 399 - Special Topics in Philosophy

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the philosophy faculty and offered on a non-recurring basis.

Prerequisites: PHIL 230

PHIL 495 - Senior Philosophy Seminar

Every Year, Winter 3(0-3-0)

All students with philosophy as a first subject of concentration in the B.A. program are required to take this course. Students develop skills in philosophical scholarship by preparing and presenting a written project involving interdisciplinary research on an appropriate topic.

Prerequisites: Six credits in philosophy at the 300-level

PHIL 499 - Directed Studies in Philosophy

Every Year, 1 to 3 (varies)

An opportunity to do intensive study on a special topic or figure of particular interest to the student. Students work closely with a member of the philosophy faculty in tutorial meetings. Students must apply in advance to a member of the philosophy faculty.

Prerequisites: Six credits in philosophy at the 300-level, and consent of instructor

PHYSICS

The field of physics concerns itself with the description of the laws and relationships which govern the physical interaction and behavior of matter and energy. For example, it deals with forces and resultant motion, phenomena of electro-magnetic interaction and radiation, wave motion and heat, and the structure and behavior of physical systems found in the universe, ranging from nuclei and atoms to stars and galaxies. The study of physics enhances our understanding of the

orderly structure of God's creation as it pertains to physical systems. It has also resulted in technological advances which have radically changed our world, especially in the last 100 years.

PHYS 241 - Mechanics

Every Year, Fall 3(3-0-3)

Kinematics, particle dynamics, work and energy, linear momentum, rotational kinematics, rotational dynamics, equilibrium of rigid bodies.

Prerequisites: Mathematics 30-1 and either Physics 30 or Science 30 (Students who intend to use Science 30 as a prerequisite must consult with and have the consent of the instructor.) Corequisite: MATH 200

PHYS 243 - Wave Motion and Electricity

Every Year, Winter 3(3-0-3)

A calculus based course concerned with gravitational fields and potentials, oscillations and wave motion including an introduction to Wave Mechanics and Quantum Theory.

Prerequisites: PHYS 241 Corequisite: MATH 205

PHYS 300 - Introduction to Electromagnetism and Physical Optics

2018-19, Fall 3(3-1.5-0)

A first course in electricity and magnetism with emphasis on the electric and magnetic properties of matter, development of the Biot-Savart Law, Ampere's Law and the laws of magnetic induction. Course will introduce Maxwell's equations and conclude with an application of these ideas to physical optics. The rudimentary ideas of vector calculus will be developed in the weekly seminar accompanying this course.

Prerequisites: MATH 205 and PHYS 243; MATH 300 is strongly recommended

PHYS 395 - God, Physics and the Human Prospect

2018-19, Winter 3(3-0-0)

This course is intended for students in their senior year of study and will focus on the dialogue between scientific and other ways of knowing. Topics will be drawn from Physics, Theology and Sociology that will illuminate such motivating questions as 1) How can Science and Theology engage in a conversation of mutual understanding and transformation? 2) How, or in what ways, has science changed our ideas about what it means to be human? and 3) Given these changes, how then ought we to live our lives?

Same as SOCI 395 and THEO 375.

Prerequisites: Six credits in one or more of Physics, Sociology or Theology

PHYS 399 - Special Topics In Physics

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the physics faculty and offered on a non-recurring basis.

Prerequisites: PHYS 241, 243; some topics may have more specific prerequisites.

PHYS 499 - Directed Studies in Physics

Every Year, 1 to 3 (varies)

This course gives an opportunity to do intensive study of some area of physics of particular interest to the student. Students work closely with a member of the physics faculty in tutorials. Students must apply in advance for directed studies to the faculty member involved.

Prerequisite: 6 credits of physics at the 300- or 400-level, and consent of the instructor

POLITICAL SCIENCE

Political science studies the governance of public communities. It deals with political institutions such as the state, executive, courts and legislatures, and it examines the role of citizens, public officials, interest groups and political parties within the political system as a whole. Courses are designed to equip students to critically understand modern politics and political science in light of the Bible's creational and redemptive call to pursue justice, equity, stewardship and peace. The aim of political science is to help students develop the insight and desire to serve their neighbors through political thought and action.

POLI 205 - Invitation to Politics and Government

Every Year, Fall 3(3-0-0)

An introduction to the main problems, concepts and ideologies at play in political life and an analysis of the processes and institutions by which these are realized in the Canadian political system.

Students with credit in POLI 200 or POLI 201 cannot receive credit for POLI 205. This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

POLI 310 - History of Political Thought I: Classical and Medieval Political Thought

2019-20, Fall 3(3-0-0)

Examines major developments in the history of Western political thought from the ancient Greeks and Romans through the Christian period up to the Renaissance, with particular attention given to key writings by Plato, Aristotle, Augustine and Aquinas. Examines themes such as the justice, the state,

politics, plurality, constitutionalism, power, war and the individual.

Same as PHIL 310.

Prerequisites: PHIL 230 or POLI 205

POLI 311 - History of Political Thought II: Modern Political Thought

2019-20, Winter 3(3-0-0)

Examines the major social and political ideas developed in the modern era, focusing on select writings of major political philosophers such as Machiavelli, Hobbes, Locke, Rousseau, Marx and Nietzsche.

Same as PHIL 311.

Prerequisites: PHIL 230 or POLI 205

POLI 317 - Christian Social and Political Movements

2018-19, Winter 3(3-0-0)

This course examines the rise of Christian social and political movements within Roman Catholic and Protestant traditions since the French Revolution (1789). It explores the context in which these movements arose, their distinctive ideas and strategies, as well as the practical changes to the establishment they advocated. Attention will be given to movements such as the British anti-slavery movement, faith-based schools, Christian democracy, American civil rights movement, liberation theology, Bonhoeffer & the Confessing Church, and creation care.

Same as HIST 317 and SOCI 317.

Prerequisites: HIST 204 or POLI 205 or three credits in sociology at the introductory level.

POLI 318 - Democracy in Politics and Society

2019-20, Winter 3(3-0-0)

This course considers the idea and ideal of democracy through a consideration of its history, theoretical justifications, and concrete practices in contemporary politics and society. Since democracy concerns authority and decision making, the course also considers the applicability of the ideal of democracy to other societal structures, such as, the family, the classroom, the business enterprise, labour unions, the economy, and the church.

Prerequisites: POLI 205

POLI 319 - Human Rights

2018-19, Winter 3(3-0-0)

This course seeks to explore the origins, nature and limitations of the human rights paradigm in politics and law. We will consider the historical development of the human rights

paradigm, philosophical (and theological) discussions about its meaning and validity, and engage in concrete examination of the ways in which it shapes legal and political practice particularly in Canada and internationally.

Prerequisites: POLI 205

POLI 320 - Canadian Government and Politics

2018-19, Fall 3(3-0-0)

This course examines the relationship between Canada's federal and provincial governments, and the place of French Canada, regionalism, multiculturalism, Canadian nationalism, and aboriginal nations within the Canadian state. It examines the history of Canada's constitutional evolution, including the Canadian Charter of Rights and Freedoms.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: POLI 205

POLI 327 - Public Policy Analysis

2019-20, Winter 3(3-0-0)

This course is an introduction to themes and methods in policy studies. The course examines the practical and normative problems facing Canadian governments in initiating, formulating, enacting, and implementing public policies. Special attention will be given to several contemporary policy issues.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: POLI 205

POLI 353 - Political History of the United States, 1776-present

2018-19, Fall 3(3-0-0)

This course in American government examines the history of political institutions in the United States from Independence in 1776 to the present day. This course explores the origins of the Constitution, the functions and historical evolution of the three branches of the federal government (executive, legislative, judiciary) as well as the roles of political parties, interest groups, public opinion, and the media. It also studies important historical case studies (over issues such as race, slavery and civil rights; civil and religious liberties; family and privacy law; and economic and environmental policy) that demonstrate how American political culture has changed over time. This course is decidedly interdisciplinary in approaching the subject using the methodologies of history and political science.

Same as HIST 353.

Prerequisites: one of HIST 202, HIST 204, POLI 205

POLI 373 - War and Peace

2018-19, Fall 3(3-0-0)

Blessed are the peacemakers, said Jesus, and this course offers an interdisciplinary inquiry into the issues of war and peace in the Western tradition. The course will mix philosophical and theological approaches (just war theory, humanitarian intervention, and Christian non-violence, for example) with historical case studies (especially the Crusades and the Second World War but also reaching to contemporary conflicts such as the "War on Terror"). This will be a seminar-style course based on weekly discussion of a common set of readings. The goal is to provide students with a heightened awareness of the range of perspectives on war and peace both in the past and in our world today.

Same as HIST 373.

Prerequisites: HIST 202 and 204 or POLI 205

POLI 380 - World Politics

2019-20, Fall 3(3-0-0)

This course is an introduction to international politics, law and organizations and focuses on major international issues of conflict and cooperation related to war, economics, poverty, and the environment.

Prerequisites: POLI 205

POLI 399 - Special Topics In Political Science

Non-Recurring, 3(varies)

This seminar style course examines a variety of special topics and issues in contemporary World Politics, such as, terrorism, peace-making, economic development in the global south, global eco-politics, climate change and politics, population growth, human trafficking, information and global communications, clash of civilizations, and others.

Prerequisites: POLI 205; some topics may have more specific prerequisites.

POLI 499 - Directed Studies in Political Science

Every Year, 1 to 3 (varies)

An opportunity to do intensive study of a special topic of particular interest to the student. Students work closely with a faculty member in tutorial meetings. Students must apply in advance for special studies to a political science faculty member.

Prerequisites: Six credits in political science at the 300-level, and consent of instructor

POLITICS, HISTORY AND ECONOMICS

PHES 201 - Engaging the World: Faith and Public Life

Every Year, Winter 3(3-2-0)

Through experience and reflection, this course explores a number of fundamental issues, problems and opportunities that shape public life. Topics may include: poverty, the environment, multiculturalism, religious pluralism, and the relationship between economy and politics. The aim is to understand the nature and limits of public life and to examine the distinctive understanding and voice that Christian faith can bring to public debate on, and resolution of, these topics.

Prerequisites: Three credits of ECON 203, ECON 204, HIST 202, HIST 204, POLI 205

PHES 495 - Senior PHES Seminar

Every Year, Winter 3(0-3-0)

All students graduating from the PHE program are required to take this course. The course is designed to integrate the perspectives and practical implications of the different courses encountered in the program. It intends to prepare students for the practical application of their knowledge by an interdisciplinary and in-depth engagement with the Canadian public context in comparison to other national contexts and its relationships to a globalized world. In a seminar setting, it will use guided written research inputs from students, as well as topical inputs from the instructor, to hone analytical, rhetorical and presentation skills.

Prerequisites: Nine credits in at least one of the three constituent disciplines at the 300 or 400 level or consent of the instructor. Course can only be taken in the final year of the degree.

PHES 498 - Special Topics In Politics, History and Economics

Every Year, Fall 3(3-0-0)

A course on a topic of special interest to members of the PHE program (or a guest presenter) and offered on a non-recurring basis.

Prerequisites: Six credits in any of the constituent disciplines in the PHE program at the 300 or 400 level.

PHES 499 - Directed Studies in Politics, History and Economics

Every Year, 1 to 3 (varies)

This course is designed to provide individual students with an opportunity to conduct supervised reading and research on a topic of the student's choice, in consultation with a member of the PHES program. Work will be on a tutorial basis and students

must apply in advance to teaching faculty in the program before registering for this course.

Prerequisites: Six credits in any of the constituent disciplines in the PHE program at the 300 or 400 level and consent of the instructor.

POST-SECONDARY ENGLISH AT KING'S

PEAK 100 - University ESL Fundamentals Level 1 *Every Year, Fall and Winter 0(28-0-0)*

This is an intermediate level Post-Secondary English course, covering skills in reading, writing, speaking and listening. By the completion of this course students should be able to read long texts of 1000 to 1500 words, including literature, and identify main ideas, paraphrase those ideas, guess the meaning of vocabulary from context, build vocabulary strategies, answer comprehension and detail questions, use reasoning to express personal opinion, make inferences, and analyse literary conventions of plot, character and setting, write four short essays, demonstrating the abilities to develop essay a variety of content types (classification, cause, effect, compare, contrast, expository), to organise essay structure using introduction and conclusion paragraphs, to use correct grammatical structures, to use correct writing mechanics (punctuation, capitalisation, spelling), to choose words and word forms and use them appropriately (levels of formality), to use quotations, to paraphrase, and to develop a resource list, make presentations and listen to lectures, demonstrating the abilities to search for information through a variety of means, to select and record information, to produce evidence to support arguments, to take notes, to demonstrate creativity in the use of non-verbal and non-textual aids, to think critically and analytically, to work co-operatively and individually, to present information formally and informally, to pronounce correctly, and to speak with little hesitation.

Prerequisites: Consent

PEAK 105 - University ESL Blended Level 1 *Every Year, 0(9-0-0)*

This is an intermediate level Post-Secondary English course, covering skills in reading, writing, speaking and listening. By the completion of this course students should be able to demonstrate the same levels of skill in each area as outlined in PEAK100. It is expected, however, that these students have sufficient English Language skills to carry 9.5 credits of university courses at the same time.

Prerequisites: Consent

PEAK 110 - University ESL Fundamentals Level 2 *Every Year, Fall and Winter 0(28-0-0)*

This is an advanced level Post-Secondary English course, covering skills in reading, writing, speaking and listening. By the completion of this course students should be able to read long texts of over 2000 words, including literature, and identify main ideas, paraphrase text, use context to determine the meaning of vocabulary, use vocabulary development strategies, answer comprehension and detail questions, express personal opinion using detailed supporting arguments, make inferences, and analyse literary conventions of plot, character, setting and figures of speech, write five or more essays and a short research paper, demonstrating the abilities to develop a variety of essay content (cause, effect, compare, contrast, argumentative, persuasive), to narrow and choose topics, to organise essay structure using introduction and conclusion paragraphs, to use correct grammatical structures, to use correct writing mechanics (punctuation, capitalisation, spelling), to choose words and word forms and use them appropriately (levels of formality), to use appropriate citation style, to paraphrase and summarise research material, to understand plagiarism, to collect research data from the library, and to develop a bibliography, make presentations, listen to lectures, and participate in formal debates, demonstrate the abilities to research data through a variety of means, to select and record research data, to produce evidence and give rationales to support ideas and theories, to take effective notes, to demonstrate creativity in the use of non-verbal and non-textual aids, to think critically and analytically, to work both co-operatively and individually, to present information formally and informally, to pronounce correctly, to speak fluently and to rephrase.

Prerequisites: Completion of PEAK100 or adequate placement assessment.

PEAK 115 - University ESL Blended Level 2 *Every Year, Fall and Winter 0(9-0-0)*

This is an advanced level Post-Secondary English course, covering skills in reading, writing, speaking and listening. By the completion of this course students should be able to demonstrate the same levels of skill in each area as outlined in PEAK110. It is expected, however, that these students have sufficient English Language skills to carry 9.5 credits of university courses at the same time.

Prerequisites: Completion of PEAK105 or adequate placement assessment.

PEAK 199 - Directed Studies in University English *On demand, non-credit*

This course gives an opportunity to do intensive study of University ESL by a student working closely with a member of the ESL faculty in tutorial meetings. Students must apply well in advance to a member of the ESL faculty in order to undertake a Directed Study. PEAK 199 is normally taken by students who

are in the PEAK program but cannot participate in normal PEAK courses.

Prerequisites: consent of the Registration and Student Finance Office and instructor

PSYCHOLOGY

A major objective of courses in psychology is to develop a Christian approach to psychology based on a view of humanity that is scripturally directed and theoretically articulated. You develop this approach as you learn to (1) evaluate major trends in psychological thought; (2) benefit from significant contributions by non-Christian psychologists; and (3) derive insight from alternative Christian approaches to psychology.

PSYC 250 - Basic Psychological Processes

Every Year, Fall 3(3-0-0)

Principles and development of perception, motivation, learning and thinking and their relationship to the psychic functioning of the person. Initial attempt to evaluate various approaches to psychology.

Students with credit in PSYC 255 cannot receive credit in PSYC 250.

PSYC 251 - The Person in Society

Every Year, Winter 3(3-0-0)

Introduction to the study of human individuality, personality, normal and abnormal human development, psychological assessment and treatment and the psychic processes of social relationships. Evaluation of various approaches to these psychological issues.

Students with credit in PSYC 256 cannot receive credit in PSYC 251.

PSYC 301 - Exploring the Human Experience: Methods and Statistics for Psychology I

Every Year, Fall 3(3-0-1.5)

In this course, students will acquire a working knowledge of research design, data collection and analysis, and will critically examine foundations and assumptions of scientific psychology. Students will have opportunities to develop statistical skills while learning about the psychological research contexts in which these statistical tools are used. Topics will include epistemology, ethics, hypothesis development, descriptive statistics, measurement, probability, and naturalistic methods. Both qualitative and quantitative methods will be explored.

PSYC 301 must normally be taken in the second year of study. Students with credit in SOCI/SSCI 309 cannot receive credit in PSYC 301.

Prerequisites: PSYC 250 or 251

PSYC 302 - Exploring the Human Experience: Methods and Statistics for Psychology II

Every Year, Winter 3(3-0-1.5)

As the second of a two-course sequence, PSYC 302 continues PSYC 301. In this course students are introduced to experimental and quasi-experimental methods and parametric and non-parametric statistics. Discussion of external validity, and continued application of foundational concepts introduced in PSYC 301 will continue and students will be equipped with knowledge and skills to attain social scientific literacy, thoughtful engagement with research, and an ability to design, conduct, and analyze psychological research.

Prerequisites: Mathematics 30-2 or the successful passing of an algebra competency test, and PSYC 301

PSYC 310 - Qualitative Methods

2018-19, Winter 3(3-0-0)

This course concentrates on the philosophical underpinnings, contemporary perspectives, and research methods and strategies employed by qualitative and community engaged researchers. Selected qualitative methods to be explored include: qualitative interviewing, focus groups, ethnography, action research, narrative inquiry, and photovoice. We will also examine the process of qualitative inquiry, such as designing and planning qualitative projects, data collection, coding techniques, data analysis, and communicating the results of research. Students will consider the interplay between qualitative research, social justice, and social change and apply their knowledge in a community engaged research project.

Same as SOCI 310 and SSCI 310.

Prerequisites: PSYC 301, SOCI 309 or SSCI 309

PSYC 327 - Between Science And Fiction: The Intersection of Psychology and Literature

2018-19, Winter 3 (3-0-0)

Human being, whether explored through themes of identity, self, or character, is a constantly evolving narrative we construct of ourselves and others. This course examines the intersection of psychological and literary narratives as they construct human being, and emphasizes how storytelling is a vital yet undervalued notion in contemporary society. We will question how human identity is created and communicated, while exploring the fringes of socially accepted behaviour to examine how norms are established, upheld, and challenged both in literature and psychology.

Same as ENGL 327.

Prerequisites: ENGL 215 and one of PSYC 250 or 251

PSYC 333 - Psychology of Religion

2019-20, Fall 3(3-0-0)

An introduction to religion viewed from psychological perspectives. In this course the student will gain: 1. An acquaintance with religious themes as exemplified in myths, rituals, and diverse practices of different religions, 2. An introduction to a variety of psychological approaches to religion (naturalistic, humanistic, phenomenological, comparative, psychoanalytic), and 3. A critical appreciation of the ethically sensitive and methodologically difficult issues involved with the study of religion and religiosity (such as ethnocentrism and reductionism) from a Christian faith perspective. The reading of primary text(s) will be an essential part of the course.

Prerequisites: PSYC 250 or 251

PSYC 336 - Community Psychology

2019-20, Winter 3(3-0-0)

Community psychology is concerned with the ways society impacts upon individual and community functioning and how psychological, mental health, and crime problems, for example, are often created and maintained by poverty, social injustice, marginalization, and other forms of oppression. Issues of diversity, multiculturalism and racism, of primary prevention and of mobilizing and empowering communities to bring about social change are discussed in a Canadian context. Group projects and various guest speakers will provide relevant experience in community psychology.

Prerequisites: PSYC 250 or 251

PSYC 340 - Social Psychology

Every Year, Fall and 2017-18 Spring 3(3-0-0)

An introduction to the relationship between individuality and social context. The course covers the history of the field and its relationship to disciplines such as sociology and anthropology. 'Classic' social psychological experiments will be reviewed and experimental, evolutionary, and cross-cultural approaches compared. Other topics include: social cognition and perception, authority and obedience, conformity, depersonalization and institutionalization, attitudes and prejudice, attraction and aggression, normatively, ideology, and socialization and enculturation.

Same as SOCI 340.

Prerequisites: PSYC 250 or 251 or three credits in sociology at the introductory level.

PSYC 341 - Psychology of Exceptional Children and Adolescents

TBA 3(3-0-1)

This course provides an overview of the major intellectual, academic, emotional, behavioural, sensory and physical exceptionalities that are encountered in classroom settings. Course participants will learn about the challenges and joys

these exceptionalities pose for teaching and learning. Students will also examine such topics as the identification and diagnosis of these exceptionalities and the preparation of appropriate Individualized Educational Programs (I.E.P.'s). Through the seminar component, participants will become familiar with exceptional children and/or adolescents through credited volunteer activities.

Prerequisites: PSYC 250 or 251

PSYC 351 - Childhood and Adolescence

Every Year, Fall 3(3-0-0)

This course examines the psychology of human development and change during infancy, early, middle and late childhood, and early and late adolescence. The dimensions of development to be investigated include the physical, cognitive, emotional, social, academic, moral and religious aspects.

Same as EDUC 363.

Prerequisites: PSYC 250 or 251

PSYC 352 - Adult Development and Aging

2018-19, Winter 3(3-0-0)

This course examines the psychology of human development and change from early adulthood to death. Specifically, development is considered chronologically in the sequence of early, middle and late adulthood. Along with the physical, cognitive, social, emotional, moral and religious changes that occur in these years, we will also examine developmental responses to the challenges of changing careers, family structures, social tasks, psychological functions and faith commitments.

Students with credit in PSYC 350 cannot receive credit in PSYC 352.

Prerequisites: PSYC 250 or 251

PSYC 363 - Cognition

Every Year, Fall 3(3-0-0)

An exploration of the activities of the mind, using a variety of approaches. Topics include attention, pattern recognition, language development and perception, problem-solving, concept formation, judgment and decision-making. Basic concepts will also be applied to issues such as dyslexia, deafness, primate language, artificial intelligence and creativity.

Prerequisites: PSYC 250 or 251

PSYC 370 - Ethology

2019-20, Fall 3(3-2-0)

An overview of the evolution, function and development of animal behavior. Evolutionary processes (e.g. selection and adaptation); physiological processes (e.g. the nervous system and behavior); the behavior of individuals (e.g. development,

learning, mating), and the ecology of behavior (e.g. foraging) are discussed.

Same as BIOL 362.

Prerequisites: PSYC 250 or 251, and PSYC 301 and 302 or BIOL 210 or BIOL 211

PSYC 375 - Brain and Behavior

Every Year, Winter 3(3-0-0)

A study of the relation between biology and behavior in humans. Topics include mind/brain issues, brain development, genes and behavior, structure and function of the nervous system, brain disorders, biopsychology of motivated disorders, drug abuse and lateralization. Foundational issues as well as biological details will be emphasized.

Same as BIOL 364.

Prerequisites: One of BIOL 200, 210, 211, PSYC 250 or 251

PSYC 385 - Leadership

Every Year, Summer 3(3-0-3)

This course includes an overview of the various approaches to leadership theory, including trait-based, skills-based, situational, contingency, path-goal, leader-member exchange, transformational and servant leadership, and others. Leadership issues examined include: leadership development, roles of followers, management vs. leadership, personality, faith perspectives, personal values, group status and dynamics. The course practicum normally entails an extended outdoor trip of 3-6 days and includes activities and supports for self and group reflection. (This course is normally taught online in summer semester with the practicum at the end of August)

Same as BUSI 385.

Prerequisites: Consent of instructor

PSYC 390 - Psychology of Personality

Every Year, Winter 3(3-0-0)

A survey of classical and contemporary theories of personality with reference to the personal histories of their originators and to the structure, dynamics and function of the theories within their cultural context.

Prerequisites: PSYC 250 or 251

PSYC 395 - Abnormal Psychology

Every Year, Fall 3(3-0-0)

A survey of the various psychological disorders, their clinical description, developmental background and treatment approaches. Included are the anxiety and mood disorders, psychosomatic, dissociative, eating and sleep disorders, sexual,

substance use and personality disorders, schizophrenia developmental and cognitive disorders. Mental health policy and social issues will also be discussed.

Prerequisites: PSYC 250 or 251; PSYC 390 recommended

PSYC 398 - Contemporary Issues in Psychology

Every Year, Winter 3(3-0-0)

Theoretical, ethical and methodological foundations of psychology are explored through reading, discussion and development of a research question, with emphasis on understanding these foundations as relevant to contemporary issues. Integrating a Christian faith perspective to psychology as a discipline, interdisciplinarity, and practical applications are themes foregrounded for discussion and explicit treatment. All students graduating from the 3-year psychology program are required to take this course in the final year of their degree; all students in the 4-year psychology program are required to take this course in the third year of their degree.

PSYC 398 must normally be taken in the third year of study.

Prerequisites: PSYC 301

PSYC 399 - Special Topics in Psychology

Non-Recurring, 3(varies)

An introduction to particular topics or figures of special interest to a member of the Psychology faculty and offered on a non-recurring basis. This course is intended for students in any year of study.

Prerequisites: PSYC 250 or PSYC 251

PSYC 420 - History of Psychology

Every Year, Fall 3(3-0-0)

A study of the main concepts and major schools of psychology in their historical development. This course traces the development of psychology from its earlier status as a branch of philosophy to its present status as a special science.

Prerequisites: PHIL 230 and six credits in psychology at the 300-level

PSYC 465 - Learning and Memory

2018-19, Winter 3(3-0-0)

This course examines how behavior is affected by experience (learning) and how organisms retain those experiences so that they can affect behavior in the future (memory). Theories of learning, such as classical conditioning, operant conditioning, and imitation, are discussed as well as mechanisms for storing and retrieving learned information.

Prerequisites: PSYC 250 or 251, and PSYC 301 Corequisites: PSYC 302

PSYC 470 - Ecopsychology

2019-20, Fall 3(3-0-0)

An exploration of the psychological dimensions of our dependence on God's creation and our responsibility to care for it. The psychological contributions to and consequences of environmental problems, and the potential for psychological intervention, will be examined from a Christian perspective.

Same as ENVS 470

Prerequisites: PSYC 250 or 251 and ENVS 300 or nine credits in psychology at the 300- or 400-level including PSYC 301

PSYC 473 - Sensation and Perception

2019-20, Winter 3(3-0-0)

An examination of the processes by which humans receive, select, analyze and interpret sensory information, and the factors which influence what is ultimately perceived. Topics include psychophysical methods, the visual system, the auditory system, the chemical senses, skin senses and perceptual development.

Prerequisites: PSYC 250 or 251, and 301 Corequisites: PSYC 302

PSYC 477 - Evolution, Genes and Behavior

2020-21, Fall 3(3-0-0)

This course examines how evolutionary psychology and behavior genetics can illuminate our embodied nature, and explores the strengths, limitations and implications of these approaches for understanding the human cycle. This course also examines how research and theorizing in these two areas are influencing culture, via the media.

Same as BIOL 466.

Prerequisites: PSYC 250 or 251, and PSYC 301 or at least 6 credits in biology at the senior level

PSYC 485 - Senior Research Project

Every Year, Fall 3(0-1-3)

In this course students initiate a research project, designed in consultation with the instructor. This project may be a research project in the laboratories at the University, a community-engaged project with a public agency, or a psychological literature research project, individually, or as part of a team. Other ventures are possible. Requirements for the project will vary according to methodology and research question; the student is required to conduct a literature review, develop a detailed proposal, and initiate research. Project completion, including 'publication' of the results in the form of a poster, public presentation, or paper, will occur in PSYC 495.

Prerequisites: PSYC 302, 398

PSYC 490 - Communication and Counselling Skills

Every Year, Fall 3(3-0-3)

An introduction to and practical application of basic communication and counselling skills. Students will learn to use the various skills in lab sessions. Acquisition of these skills will allow students to improve communication in their relationships and enable them to facilitate client communication in a counselling setting.

Prerequisites: Nine credits in psychology at the 300- or 400-level including PSYC 395

PSYC 492 - Clinical Psychology

2018-19, Winter 3(3-0-0)

This course examines the scientific foundations and theoretical orientations that guide clinical psychologists. Topics covered include contemporary methods of assessing, diagnosing and treating those with psychological, relational and mental health problems. The importance of developing good clinical judgment and the value of working with clients in a community context is highlighted.

Prerequisites: Nine credits in psychology at the 300- or 400-level including PSYC 395

PSYC 493 - Psychology of Testing and Measurement

2019-20, Winter 3(3-0-3)

This course provide a foundation for understanding psychological testing and measurement principles and developing skills in psychological assessment. The clinical, ethical, legal, and practical issues concerning psychological assessment and the place of testing in psychological practice will be examined.

Prerequisites: Nine credits in psychology at the 300-level including PSYC 301 and 302

PSYC 494 - Advanced Topics in Psychology

Every Year, Fall or Winter 3(3-0-0)

In-depth examination and discussion of a specific topic in psychology. Specific topic(s) for the year will be posted prior to the spring registration period, and earlier if possible. This course is intended for students in the third or fourth year of a four-year psychology program and will build on previous courses in the program.

Prerequisites: PSYC 250 or 251, and 301; some topics may have more specific prerequisites

PSYC 495 - Senior Psychology Seminar

Every Year, Winter 3(0-3-0)

All students graduating from the 4 yr Psychology program are required to take this course. The course integrates philosophical and theoretical foundations with practical implications of the different courses encountered in the program through the

development of and reflection upon student research projects. It will build on research questions initiated in Psyc 398.

PSYC 495 must normally be taken in the final year of study.

Prerequisites: PSYC 485

PSYC 497 - Research Practicum in Psychology

Every Year, Fall and Winter 3(0-0-3)

This course is designed for students with an interest in conducting an independent research project in psychology. This project may be an independent study conducted at the University, a cooperative project with a community group or agency, or a collaborative project with a senior investigator. Each student is required to submit a proposal for a project, and receive approval for the project, before being enrolled in the course.

Students with credit in PSYC 496 cannot receive credit in PSYC 497.

Prerequisites: A minimum of 18 credits in psychology at the 300- and 400-level including PSYC 301, 302 and consent.

PSYC 499 - Directed Studies in Psychology

Every Year, 1 to 3 (varies)

An opportunity to do intensive study of a special topic of particular interest to a student. Students work closely with a faculty member in tutorial meetings. Students must apply in advance to the faculty member.

Prerequisites: Six credits in psychology at the 300-level, and consent of instructor

RELIGIOUS EDUCATION

NWMN 465 - Foundations of Religious Education

Every Year, Fall 3(3-0-0)

A praxis exploration of perennial questions and trends in religious education, in the light of various movement in the history of the teaching ministry of the Church. A study of key historical religious educators, beginning with Jesus. Implications for religious educators today.

This course is open only to students in the B.Ed. (AD) programs.

NWMN 467 - Contemporary Theory & Praxis in Religious Education

Every Year, Winter 3(3-0-0)

A study and critique of issues and trends in contemporary religious education theories, methods curricula and related Church documents, including the General Directory for

Catechesis. Teaching strategies are discussed and practiced. Participants are to develop their own integrative approach to religious education.

This course is open only to students in the B.Ed. (AD) programs.

NWMN 491 - Faith Formation in Religious Education

Every Year, Spring 3(3-0-0)

An examination of God's revelation and people's response of faith; a study of the theories of faith formation in children and young people aged 5-18 years; an exploration of how teachers and administrators can foster faith formation in young people.

This course is open only to students in the B.Ed. (AD) programs.

SOCIAL SCIENCE

SSCI 300 - Field Course in International Development

Every Year, Spring 3(4 days pre-field lectures/seminars; 3 weeks on field; 3 days post-field seminar)

First-hand observation of, and active participation in, a selected rural or urban community development project in Africa, Asia or Latin America. Projects focus on basic human needs in subsistence economies. All students complete a field-based research assignment. Pre- and post-field classes, readings and assignments emphasize Christian perspectives on development, methods of community development, and cross-cultural skills.

The offering of this course is depending on enrollment, availability of a host partner agency and financial support.

Prerequisites: Three credits in economics, geography, political science or sociology; or consent of instructor. Participants must also present a medical letter of good health, and sign a waiver of liability.

SSCI 301 - Field Course in Transformational Development (East Africa)

Subject to demand 3(3-0-1)

This field course is designed for students who wish to gain an understanding of the principles and practices of Christian community development in an East African context. Through readings, lectures, and week long field visits students will be able to observe and understand the complex nature of poverty in East Africa and the manner in which faith-based development programs attempt a holistic response. This course will emphasize Christian perspectives on development, methods of community development, and cross-cultural skills.

The time and venue for this course are determined by the East Africa Studies Program partners and is subject to change. Also see East Africa Studies Program.

Prerequisites: Three credits in ECON, GEOG or POLI at the senior level; or one of BUSI 343, 461, THEO 371; or consent of instructor. SSCI 300, 302 or 303 highly recommended. Enrolment is by application and participants must sign a waiver.

SSCI 302 - Internship in Development (3 months)

Subject to Demand, 3(3 months)

This field course is designed for students who wish to gain an understanding of the principles and practices of community development in the context of an impoverished community. Through a guided internship the student will participate in the day to day activities of a community development program which will include exposure to a wide variety of issues and developmental approaches. By working alongside development practitioners the student will be able to observe and understand the complex nature of poverty and other social issues and the manner in which development agencies attempt a holistic response. The course will emphasize experiential learning of methods and practices of development, the formation of Christian perspectives on community development, as well as cross-cultural skills, depending on the location of the internship.

Prerequisites: 9 credits of any of the following: THEO 371; SSCI 300; POLI 380; ECON 325; ECON/BUSI 461

SSCI 303 - Internship in Development (6 months)

Subject to Demand, 6(6 months)

This field course is designed for students who wish to gain an understanding of the principles and practices of community development in the context of an impoverished community. Through a guided internship the student will participate in the day to day activities of a community development program which will include exposure to a wide variety of issues and developmental approaches. By working alongside development practitioners the student will be able to observe and understand the complex nature of poverty and other social issues and the manner in which development agencies attempt a holistic response. The course will emphasize experiential learning of methods and practices of development, the formation of Christian perspectives on community development, as well as cross-cultural skills, depending on the location of the internship.

Prerequisites: 9 credits of any of the following: THEO 371; SSCI 300; POLI 380; ECON 325; ECON/BUSI 461

SSCI 309 - Methods of Inquiry and Analysis in the Social Sciences

Every Year, Fall 3(3-0-2)

Introduction to methods of research design, data collection and data processing techniques used by social scientists. Includes an examination of the relationship between theory and method, research values and ethics and measurement issues as they

pertain to experimentation, survey research, field research, content analysis and historical/comparative analysis.

SSCI 309 must normally be taken in the second year of study. Students with credit in PSYC 301 cannot receive credit in SSCI 309. Same as SOCI 309.

Prerequisites: Three credits of a designated social science course

SSCI 310 - Qualitative Methods

2018-19, Winter 3(3-0-0)

This course concentrates on the philosophical underpinnings, contemporary perspectives, and research methods and strategies employed by qualitative and community engaged researchers. Selected qualitative methods to be explored include: qualitative interviewing, focus groups, ethnography, action research, narrative inquiry, and photovoice. We will also examine the process of qualitative inquiry, such as designing and planning qualitative projects, data collection, coding techniques, data analysis, and communicating the results of research. Students will consider the interplay between qualitative research, social justice, and social change and apply their knowledge in a community engaged research project.

Same as PSYC 310 and SOCI 310.

Prerequisites: PSYC 301, SOCI 309 or SSCI 309

SSCI 320 - The Study of Voluntary Simplicity

2019-20, Fall 3(3-0-0)

Voluntary Simplicity has a long history as a personal and community response to societal concerns ranging from poverty and inequality to problematic cultural influences and environmental degradation. This course examines the concept, theory, and practice of Voluntary Simplicity as an alternative value system and lifeway. The course explores Voluntary Simplicity's historical roots and contemporary expressions, emphasizing its contribution to environmental sustainability, social justice, community vitality, and personal well-being.

Same as ENVS 320.

Prerequisites: 3 credits of ENVS 200, EDUC 363, GEOG 310 or 321, ECON, POLI, SOCI, PSYC (not 327, 370, 375, 385, or 477)

SSCI 495 - Senior Social Science Seminar

Every Year, Winter 3(0-3-0)

All students with social science as a first subject of concentration in the B.A. program are required to take this course. The seminar is designed to engage students in clarifying the common ground of traditionally distinct social science disciplines. Emphasis is placed on interdisciplinary concerns.

Prerequisites: Six credits in a designated social science discipline at the 300-level

SSCI 499 - Directed Studies in Social Science

Every Year, 1 to 3 (varies)

An opportunity to do intensive study of a special topic in the social sciences of particular interest to the student. Students work closely with a social science faculty member in tutorial meetings or other agreed upon arrangements. A student must apply in advance to the faculty member.

Prerequisites: Six credits in a social science discipline at the 300-level, and consent of instructor

SOCIAL WORK

SOWK 200 - Introduction to Social Work

Every Year, Fall 3(3-0-0)

Students in this course will learn about the history of social work and social welfare in Canada. The course will focus on helping students to understand the social movements, sociocultural practices, and ethics that have contributed to development of Social Work as a profession, as well as the values that inform the profession. The course is designed to help students recognize the relationships between history, theory, and praxis in social interventions, with the goal of contemplating the various ways in which a society can ethically respond to human need and social suffering. Students also will gain some perspective on research in Social Work, as well as the role of social workers and their practice around the globe.

SOCIOLOGY

Sociology studies the social character and systematic organization of human interaction. By bringing critical analysis to bear on social interaction, sociological thinking often disturbs and even challenges taken-for-granted beliefs and practices. Sociology therefore invites us to engage in a disciplined critique of our own lives, the society to which we belong, and societies distinct from our own. Informed by a Christian perspective, sociology enables us to reflect on social life in a positive, redemptive manner.

SOCI 200 - Introductory Sociology

Every Year, Fall 3(3-0-0)

An examination of the theory, methods and substance of sociology. The course also gives an overview of the major systems of thought vis-a-vis questions about social order, social change and social institutions.

SOCI 201 - Canadian Society

Every Year, Winter 3(3-0-0)

This course will explore the development of Canadian society in the context of a variety of national and international level issues, including: French-English-Aboriginal relations, regionalism,

multiculturalism, business/labor relations, criminal justice, and class and gender inequalities.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

SOCI 301 - Sociology of Gender

2018-19, Fall 3(3-0-0)

Comparative study of gender roles and relations with an emphasis on Canada; a review of theories explaining sex-specific perspectives and behaviors; recent sociological research on the interpersonal, cultural, and structural significance of changing roles for women and men in contemporary societies.

Prerequisites: Three credits in introductory sociology

SOCI 302 - Men and Masculinities

2018-19, Winter 3(3-0-0)

This course will involve an exploration of the developmental, relational and structural conditions of men's lives in their diversity, with particular emphasis on Canada. The course will examine the interpersonal, cultural and structural dimensions of boys and men's lives in the context of recent theoretical and research-related developments in men's studies.

Prerequisites: Three credits in introductory sociology

SOCI 309 - Methods of Inquiry and Analysis in the Social Sciences

Every Year, Fall 3(3-0-2)

Introduction to methods of research design, data collection and data processing techniques used by social scientists. Includes an examination of the relationship between theory and method, research values and ethics and measurement issues as they pertain to experimentation, survey research, field research, content analysis and historical/comparative analysis.

SOCI 309 must normally be taken in the second year of study. Students with credit in PSYC 301 cannot receive credit in SOCI 309. Same as SSCI 309.

Prerequisites: Three credits of a designated social science course

SOCI 310 - Qualitative Methods

2018-19, Winter 3(3-0-0)

This course concentrates on the philosophical underpinnings, contemporary perspectives, and research methods and strategies employed by qualitative and community engaged researchers. Selected qualitative methods to be explored include: qualitative interviewing, focus groups, ethnography, action research, narrative inquiry, and photovoice. We will also examine the process of qualitative inquiry, such as designing and planning qualitative projects, data collection, coding techniques, data analysis, and communicating the results of research. Students will consider the interplay between qualitative research, social

justice, and social change and apply their knowledge in a community engaged research project.

Same as PSYC 310 and SSCI 310.

Prerequisites: PSYC 301, SOCI 309 or SSCI 309

SOCI 311 - Introduction to Statistics

Every Year, Winter 3(3-0-1.5)

An introduction to the use of statistical methods. Descriptive statistics, frequency distributions, regression and correlation, inference on means and proportions, sampling distributions, analysis of variance, hypothesis testing.

Same as STAT 300.

Prerequisites: Mathematics 30-2 or the successful passing of an algebra competency test

SOCI 316 - Aboriginal Issues in Canada

2019-20, Winter 3(3-0-0)

An introduction to current social issues and developments involving First Nations, Metis and Inuit peoples in Canada. Issues surrounding family, education, justice, gender, health, urbanization, leadership, youth and Elders will be examined in light of the history of European colonization as well as current initiatives that promote a positive way forward.

This course is considered a Canadian Studies course for purposes of King's B.Ed. (AD).

Prerequisites: Three credits in introductory sociology

SOCI 317 - Christian Social and Political Movements

2018-19, Winter 3(3-0-0)

This course examines the rise of Christian social and political movements within Roman Catholic and Protestant traditions since the French Revolution (1789). It explores the context in which these movements arose, their distinctive ideas and strategies, as well as the practical changes to the establishment they advocated. Attention will be given to movements such as the British anti-slavery movement, faith-based schools, Christian democracy, American civil rights movement, liberation theology, Bonhoeffer & the Confessing Church, and creation care.

Same as HIST 317 and POLI 317.

Prerequisites: HIST 204 or POLI 205 or three credits in introductory sociology.

SOCI 318 - Race and Ethnic Diversity

2019-20, Fall 3(3-0-0)

Canada encompasses a wide diversity of cultures and ethnic groups. It is often described as having two founding nations even though Aboriginal peoples predated the settling of the

French and the English and are a vibrant element in Canadian society. Numerous ethnic groups have also become part of what is often termed "the Canadian mosaic". In this course we will examine these issues from a variety of sociological perspectives.

Prerequisites: Three credits in introductory sociology

SOCI 319 - Sociology and the Environment

2018-19, Fall 3(3-0-0)

Understanding society requires understanding both the collective impact of humans on the environment and the natural world on humanity. This course will address the role of social structures as cause, impediment and solution to environmental problems. Topics include the social construction of nature, sustainable societies, environmental justice and environmental movements.

Prerequisites: Three credits in introductory sociology or human geography

SOCI 321 - Community and Place

2018-19, Fall 3 (3-0-0)

This course will examine the role of community in human social life in an age of globalization. Topics will include community development, diversity, social exclusion/inclusion, community resilience, and rural and urban communities. The course will also examine different types of communities including: radical Christian communities, cooperatives, intentional communities, and current initiatives in support of developing sustainable communities.

Same as GEOG 321.

Prerequisites: Three credits in introductory sociology or GEOG 310

SOCI 324 - Sociology of Deviance

2019-20, Winter 3(3-0-0)

The sociology of deviance addresses the questions "What is social deviance?" and "What does the process of someone or some group becoming deviant imply?". Every day each person is involved in the making, breaking and enforcing of rules. This course therefore examines what each student thinks about the various aspects of anyone, including oneself, becoming an outsider.

Prerequisites: Three credits in introductory sociology

SOCI 325 - Criminology

2018-19, Winter 3(3-0-0)

Examination and application of theories of criminal and delinquent behavior. Also examined is the relationship between laws and morality and the social processes leading to criminal behavior.

Prerequisites: Three credits in introductory sociology

SOCI 332 - Classical Sociological Theory

2019-20, Fall 3(3-0-0)

A survey of the origin and the development of classical sociological theory, with particular emphasis on the perspectives and concepts articulated by Comte, Spencer, Martineau, Marx, Durkheim, and Weber.

Prerequisites: Three credits in introductory sociology

SOCI 333 - Contemporary Sociological Theory

2019-20, Winter 3(3-0-0)

A survey of the contributions of modern sociological theorists, particularly those who contributed to the development of functionalist, symbolic interactionist, and critical schools of thought. Contemporary contributions from feminist, modernization, and other theorists will also be examined.

Prerequisites: Three credits in introductory sociology

SOCI 340 - Social Psychology

Every Year, Fall and 2017-18 Spring 3(3-0-0)

An introduction to the relationship between individuality and social context. The course covers the history of the field and its relationship to disciplines such as sociology and anthropology. 'Classic' social psychological experiments will be reviewed and experimental, evolutionary, and cross-cultural approaches compared. Other topics include: social cognition and perception, authority and obedience, conformity, depersonalization and institutionalization, attitudes and prejudice, attraction and aggression, normatively, ideology, and socialization and enculturation.

Same as PSYC 340.

Prerequisites: PSYC 250 or 251 or three credits in introductory sociology.

SOCI 345 - Media and Society

2019-20, Fall 3(3-0-0)

A critical examination of mass media as a cultural and institutional phenomenon. Examining film, television, print and electronic media, and popular music in the context of culture, major social institutions and everyday life.

Prerequisites: Three credits in introductory sociology

SOCI 346 - Sociology of Art

2018-19, Fall 3(3-0-0)

This course will examine the complex interrelationship between culture, the artist and society. The course will evaluate the tension linking the creative individual to his or her society.

Prerequisites: Three credits in introductory sociology

SOCI 348 - Socio-cultural Aspects of Sport

2018-19, Winter 3(3-0-0)

This course examines how socio-cultural factors influence sport, and how sport has become a socializing agent of society and culture. Historical and sociological dimensions are explored. Aspects include the industry of sport, gender and sport, ethics and sport, and sport phenomena such as the Olympics.

Same as KINS 348.

Prerequisites: 3 credits of kinesiology or sociology

SOCI 360 - Social Inequality in a Global Age

2018-19, Winter 3(3-0-0)

Social Class Inequality and Justice. An introduction to theories of social stratification and class inequality as well as examination of local, national and international responses that have been informed by a commitment to social justice. Particular attention will be given to issues of class inequality as they relate to race/ethnicity, religion, and gender.

Prerequisites: Three credits in introductory sociology

SOCI 361 - Sociology of Development

2019-20, Fall 3(3-0-0)

This course provides a sociological analysis of development. Beginning with a critical review of competing theoretical perspectives and empirical evidence, the course examines the diverse trajectories of industrialization and economic development across nations of different political and economic systems. The course further explores key international events that have rearranged the world and shaped global stratification. Among these events are: social reorganization under colonialism, postwar politics and restructuring, the end of the cold war, globalization of trade and production, the debt crisis, aid, migration, and gender and development. By critically engaging the core issues in the field of development, students will apply their theoretical understanding to empirical examples. The aim of the course is to enable students to develop the ability to critically analyze "doing development" in a global context.

Prerequisites: Three credits in introductory sociology

SOCI 362 - Science and Society

2019-20, Winter 3(3-0-0)

An exploration of the place of science in contemporary Western societies. The complex relationship between science and our social and natural environments is examined in the context of culture, major social institutions and people's everyday lives.

Prerequisites: Three credits in introductory sociology

SOCI 370 - Marriage and Family

2018-19, Winter 3(3-0-0)

A study of the structures and forms of marriage and family as they developed historically and culturally in various societies. The course analyzes the contemporary functioning of marriage and family.

Prerequisites: Three credits in introductory sociology

SOCI 376 - Sociology of Religion

2019-20, Fall 3(3-0-0)

Examining the social significance of religion in societies, tribes, organizations and individual lives. Religious myths, rituals, symbols, beliefs and organizations are studied as aspects of the social environments in which they emerge, are maintained and/or are challenged. Also analyzed is the role of religion in relation to social integration and social change.

Prerequisites: Three credits in introductory sociology

SOCI 395 - God, Physics and the Human Prospect

2018-19, Winter 3(3-0-0)

This course is intended for students in their senior year of study and will focus on the dialogue between scientific and other ways of knowing. Topics will be drawn from Physics, Theology and Sociology that will illuminate such motivating questions as 1) How can Science and Theology engage in a conversation of mutual understanding and transformation? 2) How, or in what ways, has science changed our ideas about what it means to be human? and 3) Given these changes, how then ought we to live our lives?

Same as PHYS 395 and THEO 375.

Prerequisites: Six credits in one or more of Physics, Sociology or Theology

SOCI 399 - Special Topics in Sociology

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the sociology faculty and offered on a non-recurring basis.

Prerequisites: Three credits in introductory sociology

SOCI 433 - Theories of Social Justice

2018-19, Fall 3(3-0-0)

This course places Community Engaged Research (CER) within broad frameworks of structural, social, and environmental inequalities alongside theories of resistance, social change, capacity building, and transformation. The course promotes systematic, reflexive, theoretical thinking about specific issues related to CER opportunities at King's, in areas such as poverty,

homelessness, gender discrimination, colonialisms, environmental justice, resistances, and resiliencies.

Prerequisites: SOCI 333

SOCI 495 - Senior Sociology Seminar

Every Year, Winter 3(0-3-0)

All students with sociology as a first subject of concentration are required to take this course. The seminar will engage students in clarifying the relationship between a Christian understanding of the human condition and the discipline of sociology.

Prerequisites: Six credits in sociology at the 300-level

SOCI 499 - Directed Studies in Sociology

Every Year, 1 to 3 (varies)

An opportunity to do intensive sociological study on a special topic of figure of particular interest to the student. Students work closely with a member of the sociology faculty in tutorial sessions. A student must apply in advance to the faculty member.

Prerequisites: Six credits in sociology at the 300-level, and consent of instructor

SPANISH**SPAN 200 - Introduction to Spanish**

Every Year, Fall 3(3-0-2)

This course will provide students who have no prior experience with Spanish with an introduction to spoken and written Spanish. All four language skills of reading, writing, speaking, and listening will be explored. Note that this course should not be taken by students with native or near native proficiency, or with credit in grade twelve level Spanish.

SPAN 201 - Introduction to Spanish II

Subject to Demand 3(3-0-2)

This course is a continuation of Spanish 200 as it develops the essentials of reading and writing, and reinforces the students' knowledge of spoken and listening skills in Spanish.

Prerequisites: SPAN 200

SPAN 499 - Directed Studies In Spanish

Subject to demand 1 to 3 (varies)

An opportunity to do intensive study of a special topic of particular interest to a student. Students work closely with a faculty member in tutorial meetings. Students must apply in advance to the faculty member.

Prerequisites: Consent of the instructor

STATISTICS

STAT 300 - Introduction to Statistics

Every Year, Winter 3(3-0-1.5)

An introduction to the use of statistical methods. Descriptive statistics, frequency distributions, regression and correlation, inference on means and proportions, sampling distributions, analysis of variance, hypothesis testing.

Same as SOCI 311.

Prerequisites: Mathematics 30-2 or the successful passing of an algebra competency test.

THEOLOGY

Theology serves students by making available the biblical, historical, and theological resources required for shaping Christian identity and living. It serves by engaging in the disciplined, scholarly study of Christian scriptures, creeds, communities, and traditions, and by asking how these do and ought to affect Christian living in our time.

Courses in theology introduce students to tools for biblical interpretation, study the rich variety of biblical literature, open up the biblical vision of the triune God and his creation, bring biblical and theological wisdom to bear on current personal and social issues, and study the attempts of Christians, past and present, to faithfully articulate Christian truth in life and thought.

THEO 250 - Entering the Story: Introduction to the Bible

Every Year, Fall and Winter and 2017-18 Spring 3(3-0-0)

An exploration of the genres, storylines, themes and theological patterns within the Bible. We shall engage the biblical text both as ancient literature and as Christian scripture which reveals the truth of God, the world and humanity.

THEO 310 - Bringing the Text to Life: Biblical Theological Themes

Every Year, Winter 3(3-0-0)

This course is a close study of selected biblical theological themes and their social-ethical implications for contemporary society. Themes investigated may include Christian political responsibility, war and peace, gender and sexuality, environmental stewardship, etc.

Prerequisites: THEO 250

THEO 341 - Apocalypse Then and Now: Studies in Apocalyptic Literature and Theology

2018-19, Fall 3(3-0-0)

Monstrous creatures, zombies and aliens, global catastrophes and a doomed earth...the language of apocalyptic is everywhere: in

movies and TV shows, video games, and popular literature. Some of this language draws on scripture, imagining a violent end to a sinful and rebellious creation. But is this all there is to apocalyptic - which has also been called "the mother of theology"? What is the "end" that apocalyptic speaks of? Can it be used constructively to speak hopefully about a creation in bondage but under promise? This course will examine the origins of biblical apocalyptic, its social and historical contexts, and its way of viewing the world. Specific study will be made of the books of Daniel and Revelation, with an eye to recovering apocalyptic for protest against injustice, for cultural engagement and for creational transformation.

This course does not fulfill theology foundation requirements.

Prerequisite: THEO 250

THEO 342 - Facing the Darkness: Evil as Experience and Challenge

Every Year, Fall 3(3-0-0)

This course will address the experience of evil in our world by examining the biblical literature about evil and its relation to the central biblical confession of a good creation. How did biblical authors respond to the experience of evil in their day? How did their responses relate to the cultural climate of their times? The course will then survey prominent theological and philosophical options for thinking about evil today. Finally it will struggle to articulate a faithfully Christian response to the reality of evil in our time.

Prerequisites: THEO 250

THEO 351 - God in Flesh and Blood: Jesus Christ in Scripture and Confession

2018-19, Winter 3(3-0-0)

This course examines: Jesus' life, teachings and ministry in the religious, social, cultural and political context of first century Palestine; the nature and purposes of the New Testament Gospels as historical and theological documents and the relationship of history and theology; core issues in the development of Christology from the New Testament to the early creeds and christological definitions.

Prerequisites: THEO 250

THEO 353 - Prophet to the Nations: Paul's Epistles and Theology

2018-19, Fall 3(3-0-0)

A detailed study of the life, letters and theology of the apostle Paul in the context of his time and mission. Special attention will be paid to past and present paradigms for understanding Paul, as well as to his contribution to a variety of current issues in theology, ethics, church life and Christian mission.

Prerequisites: THEO 250

THEO 360 - Global Christianity Since 1500
2019-20, Winter 3(3-0-0)

This course will explore the global growth of Christianity since 1500, a process that raises pressing historical and theological questions. Why did Christianity "succeed" in some times and places, but not in others? How has Christianization been implicated in processes of Western imperialism and conquest? And what cross-cultural processes or transferences occur when Christianity infuses a new culture? We will examine these questions in depth by examining the global spread of Christianity to the Americas, Asia and Africa after 1500.

This course does not fulfill theology foundations requirements. Same as HIST 324.

Prerequisites: HIST 204

THEO 361 - Cities of God: Engaging Contemporary Political Theology
2019-20, Winter 3(3-0-0)

Just as within contemporary philosophy there is a new interest in the meaning of theology for political life, so within contemporary theology there is a new engagement of the political as mapped within the discourse and practices of the historic church. This course will explore this engagement, examining the retrieval of classical and medieval sources into a post-modern context, African and Latin American liberation theologies, and European and American political theologies.

This course does not meet theology foundations requirements.

Prerequisites: THEO 250

THEO 364 - Futures in the Past: Historical Theology
2018-19, Fall 3(3-0-0)

A study of important stages in the development of Christian doctrine and some of the major figures in the history of Christian theology. We will examine the influence of social, political and cultural contexts on doctrine and theology, and ask the question whether and how a study of the Christian past might give shape to the church, theology and Christian faithfulness in the present and future.

Same as HIST 364.

Prerequisites: HIST 202 or 204

THEO 369 - Saving God? Contemporary Theology
2019-20, Fall 3(3-0-0)

This course will present historical background to and engagement with selected themes and theologians of importance in contemporary Christian discussion, with special emphasis on North American theology. Topics may include feminist theology; evangelicalism, post-liberalism, and post-modernism;

and current trinitarian theology, represented by contemporary theologians.

This course does not fulfill theology foundations requirements.

Prerequisites: THEO 250

THEO 370 - All Things: Theology of Creation
Every Year, Fall and 2017-18 Spring 3(3-0-0)

A study of the Christian theology of creation which addresses the issues of: the integrity of the universe as God's creation; humankind's place and task in creation; the honouring and care of creation as intrinsic to knowledge of God as Creator and the world as God's creation. Special attention will be paid to how the central Christian doctrines of the Trinity, Christology, the imago dei and the eucharist shape the theology of creation, and to how such a theology influences and is influenced by the aims and practices of environmental stewardship.

Prerequisites: THEO 250

THEO 371 - A Conspiracy of Goodness: Studies in Christian Mission
2018-19, Winter 3(3-0-0)

A close examination of some central issues in Christian mission. Students will study key Biblical passages that inform the nature and scope of mission, explore contemporary images of mission, consider the nature of mission in the contemporary world, and examine topics such as the role of the church in urban renewal, the biblical nature of evangelism, the relationship of theology and development, liberation theology, inter-religious dialogue and others.

Prerequisites: THEO 250

THEO 373 - Christian Theology Engages Other Religions
2019-20, Fall 3(3-0-0)

What about "other religions"? This course engages issues that are raised by the encounter of the Christian faith with other religions. We explore biblical and theological perspectives on the reality of multiple religions, addressing such questions as revelation, truth, pluralism, salvation, mission, tolerance and politics.

Prerequisites: THEO 250 and PHIL 230

THEO 374 - Micah's Challenge
2019-20, Winter 3(3-0-0)

The Hebrew prophet Micah summarized the calling of God's people in the simple yet powerful verse: "What does the Lord require of you? To do justice, to love kindness and to walk humbly with your God." This ancient but succinct statement is a powerful summons for the people of God to be engaged in the quest for justice today. In this course students will examine the biblical and theological principles guiding the church's

understanding of Justice and its missional responsibilities to pursue justice in the context of economic inequality, violence, poverty and hunger, HIV/AIDS, war and famine.

Prerequisites: THEO 250

THEO 375 - God, Physics and the Human Prospect
2018-19, Winter 3(3-0-0)

This course is intended for students in their senior year of study and will focus on the dialogue between scientific and other ways of knowing. Topics will be drawn from Physics, Theology and Sociology that will illuminate such motivating questions as 1) How can Science and Theology engage in a conversation of mutual understanding and transformation? 2) How, or in what ways, has science changed our ideas about what it means to be human? and 3) Given these changes, how then ought we to live our lives?

Same as PHYS 395 and SOCI 395.

Prerequisites: Six credits in one or more of Physics, Sociology or Theology

THEO 376 - Jubilate: Studies In Christian Worship
2019-20, Full Year Course 3(1.5-0-0)

A study of Christian worship which includes biblical principles for worship, the historical development of liturgy, cultural dynamics in contemporary worship, and explores the rich and varied resources with the ecumenical Christian community. Themes to be studied include praise and lament, confession and proclamation, use of the lectionary, sacraments, liturgical dance, the use of art in worship, the relationship of worship and justice, and more. There will be a strong emphasis on the music of worship. Students will have an opportunity to attend various worship services as well plan, lead, and participate in worship.

This course meets the senior level foundation theology requirement only for students with music as their major/first concentration. Same as MUSI 376

Corequisites: THEO 250

THEO 378 - The Gospel According to Hollywood: Religion and Popular Culture
2019-20, Fall 3(3-0-0)

Using case studies taken from film, television, music, and other media, this course will examine the presentation of religion and religious topics in popular culture as well as how popular cultural texts and practices have influenced the beliefs, structures, and practices of religious groups. In addition, the economics and ethics of popular culture will receive some attention.

This course does not fulfill theology foundations requirements.

Prerequisites: THEO 250

THEO 380 - Earthly Good: Christian Ethics
2019-20, Winter 3(3-0-0)

An examination of the nature of ethics, the relationship between the Bible and Christian ethics, several biblical concepts determinative for Christian ethics and ethical issues in areas such as politics, business, law, medicine and personal decision-making.

Prerequisites: THEO 250

THEO 391 - Philosophy of Religion
2019-20, Winter 3(3-0-0)

An inquiry into selected philosophical issues concerning religion such as the presuppositions underlying various accounts of the origin of religion, the relationships among faith, reason and revelation, the possibility of giving a rational defense of religious belief, and such topics as the problem of evil, immortality and the supernatural.

This course does not fulfill theology foundations requirements. Same as PHIL 391.

Prerequisites: PHIL 230 and THEO 250

THEO 396 - Understanding Eastern Religions
2019-20, Winter 3(3-0-0)

A study of the major eastern religious traditions with a focus on Buddhism. Understanding Buddhism will form the centerpiece of this course. A detailed examination of the various religious traditions that are connected to Buddhism within its various contexts in East Asia (i.e., Hinduism, Jainism, Sikhism, Confucianism, Daoism and Shinto) will be included. Attention will also be paid to the modern interpretations of some of these traditions, especially in the North American context. The focus of the course is to understand Eastern Religions (and Buddhism in particular) from the perspective of their historical development, NOT to critique them.

This course does not fulfill theology foundation requirements.

Prerequisites: THEO 250

THEO 397 - Engaging Difference: World Religions
2018-19, Fall 3(3-0-0)

Through studies of the histories, sacred texts and practices of Judaism, Islam, Hinduism, Buddhism, native Canadian and tribal religions, students will gain some understanding of the variety and complexity of living religious traditions in the modern world. Attention will be paid to the current debate on religious pluralism and Christian claims about the person and work of Jesus Christ in this context.

This course does not fulfill theology foundations requirements.

Prerequisites: THEO 250

THEO 399 - Special Topics in Theology

Non-Recurring, 3(varies)

A course on a topic or figure of special interest to a member of the theology faculty and offered on a non-recurring basis.

This course does not fulfill theology foundations requirements.

Prerequisites: THEO 250

THEO 495 - Senior Theology Seminar

Every Year, Winter 3(0-3-0)

All students with theology as a first subject of concentration in the B.A. program are required to take this course. Students further develop skills in biblical, theological and interdisciplinary scholarship through the preparation of a senior research paper and seminar presentations and discussions.

This course does not fulfill theology foundations requirements.

Prerequisites: Six credits in theology at the 300-level

THEO 499 - Directed Studies in Theology

Every Year, 1 to 3 (varies)

An opportunity to do intensive study of a special topic or theologian of particular interest to the student. Students work closely with a theology faculty member in tutorial meetings. For

directed studies in theology, students must apply in advance to a theology faculty member.

This course does not fulfill theology foundations requirements.

Prerequisites: Six credits in theology at the 300-level, and consent of instructor

YOUTH MINISTRY**YTMN 310 - Spiritual Formation For Ministry**

TBA 3(3-0-0)

"Spiritual formation for ministry" seeks to probe the following questions: Who is the God that calls us? What does his calling tell us about Him? How does the call participate in the Missio Dei? How do we hear the call? How do my identity and character participate in my call, and how do I understand my identity and character more fully? How does God's transforming work in my life work its way within my call to ministry? What spiritual disciplines shape me so that I am able to minister? What kind of person does ministry need?

YTMN 330 - Foundations of Discipleship

TBA 3(3-0-0)

An examination of the character of discipleship in youth ministry, and an application of discipleship to many specific youth ministry practices.