The following proposals, received on DAP between the dates listed below, have been approved.

DAP Submission Period: March 1 - 15, 2022   **DAP Approval Date:** April 01, 2022

[For more information on the DAP process, see the Secretariat's website.](#)

Approval Route: DAP

Faculty of Arts and Humanities

STUDIO ART

Effective September 1, 2022, the following change(s) be made: Extra Information Revision.

STUDIO ART 1601 - FOUNDATIONS OF VISUAL ARTS
A studio course designed to introduce students to techniques and processes of two-dimensional and three-dimensional media; the theoretical concepts which inform and direct studio practice will be emphasized.

Antirequisite(s): Studio Art 1605, the former VAS 1020, the former VAS 1025.
Extra Information: 1 lecture hour and 3 studio lab hours, blended or online format. Note: No Visual Arts portfolio required. Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. For Studio Art 1601 and Studio Art 1605 only, Students may request an alternate component assignment.

STUDIO ART 1605 - ADVANCED VISUAL ARTS FOUNDATION STUDIO
This course is designed to develop foundational technical and conceptual skills for students with prior experience working with visual art media. Focus will be placed on the techniques and processes of two-dimensional and three-dimensional media with an emphasis on the theoretical concepts that inform and direct contemporary studio practices.

Antirequisite(s): Studio Art 1601, the former VAS 1020, the former VAS 1025.
Prerequisite(s): Submission and acceptance of a prepared Visual Arts portfolio.
Extra Information: 6 studio hours, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. For Studio Art 1601 and Studio Art 1605 only, Students may request an alternate component assignment.

STUDIO ART 2610A/B - INTRODUCTION TO DRAWING
Introduction to drawing as an independent practice, and as a tool for conceptual, perceptual, and technical problem solving.

Antirequisite(s): Studio Art 2510A/B, the former VAS 2104A/B, the former VAS 2200, the former VAS 2204A/B, the former VAS 2210, the former VAS 2214A/B.
Prerequisite(s): Studio Art 1601 or Studio Art 1605, or the former VAS 1020 or the former VAS 1025, or permission of the Department.
Extra Information: 6 studio hours, lecture, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.

STUDIO ART 2620A/B -INTRODUCTION TO PAINTING
Introduction to painting practice, with a focus on developing critical understandings in concert

with techniques. Projects address theoretical, historical, and contemporary approaches to painting, and integrate these with studio practice.

Antirequisite(s): Studio Art 2621, the former VAS 2210, the former VAS 2216A/B.
Prerequisite(s): Studio Art 1601 or Studio Art 1605, or the former VAS 1020 or the former VAS 1025, or permission of the Department.
Extra Information: 6 studio hours, lecture, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.

STUDIO ART 2621 - INTRODUCTION TO PAINTING
Introduction to painting, with a focus on developing critical understandings in concert with techniques. Projects address theoretical, historical, and contemporary approaches to two-dimensional art production, and integrate these with studio practice.

Antirequisite(s): Studio Art 2620A/B, the former VAS 2210, the former VAS 2200, or the former VAS 2216A/B.
Prerequisite(s): Studio Art 1601 or Studio Art 1605, or the former VAS 1020 or the former VAS 1025, or permission of the Department.
Extra Information: 6 studio hours. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.

STUDIO ART 3611 - DRAWING
Continuation of drawing as perceptual, technical, conceptual and critical problem solving and as a basis for exploration with other media and disciplines.

Antirequisite(s): the former VAS 3300.
Prerequisite(s): Studio Art 2610A/B or the former VAS 2200, the former VAS 2210, the former VAS 2204A/B, or permission of the Department.
Extra Information: 4 studio hours, lecture, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.

STUDIO ART 3623 - PAINTING
A continuation of the study of painting.

Antirequisite(s): the former VAS 3310.
Prerequisite(s): Studio Art 2620A/B, Studio Art 2621, or the former VAS 2210, the former VAS 2216A/B, or permission of the Department.
Extra Information: 4 studio hours, lecture, blended or online format. Note: Some sessions may involve drawing from the nude (female or male) as part of the curriculum a required component of the course. Students may request an alternate assignment. Priority will be given to students registered in a Visual Arts program.

Effective September 1, 2022, the following change(s) be made: Course Introduction.

STUDIO ART 3672A/B - EMBROIDERING WITH THE GUILD: A COMMUNITY ENGAGEMENT LEARNING COURSE
A Community Engagement Learning course that partners the Embroiderer's Guild of London with Visual Arts students, to learn the art and skill of embroidery, while expanding students' knowledge of textile and fibre arts.

Prerequisite(s): Registration in years 3 or 4 of a Department of Visual Arts module, or permission of the Department.
Extra Information: 3 studio hours, lecture, blended or online format
Course weight: 0.50

Faculty of Arts and Humanities and Faculty of Social Science

GENDER, SEXUALITY, AND WOMEN'S STUDIES

Effective September 1, 2022, the following change(s) be made: Course Introduction.

GENDER, SEXUALITY, AND WOMEN'S STUDIES 1030F/G - INTRODUCTION TO BLACK STUDIES
An introduction to the interdisciplinary field of Black Studies that examines its foundations and debates, focusing on resilience and resistance in Black life. Students will examine practices used within this Black intellectual-activist tradition through various disciplinary approaches and by situating contemporary topics (identity, fashion, sexuality) within historical frameworks.

Extra Information: 3 hours, 0.5 course

Effective September 1, 2022, the following change(s) be made: Course Introduction.

GENDER, SEXUALITY, AND WOMEN'S STUDIES 3320F/G - INTRODUCTION TO GENDER & FEMINIST METHODOLOGIES
This course introduces students to gender studies and feminist research methodologies from a variety of disciplinary traditions and theoretical perspectives. Students will learn about and begin to apply specific methodological issues, including ethics, archival work, researcher positionality, and the practices and politics of data collection, interpretation, and reporting.

Antirequisite(s): GSWS 3321F/G and GSWS 3322F/G.
Prerequisite(s): GSWS 2220E, or permission of the department.
Extra Information: 3 hours, 0.5 course.

Effective September 1, 2022, the following change(s) be made: Course Introduction.

GENDER, SEXUALITY, AND WOMEN'S STUDIES 3325 F/G - SPECIAL TOPICS IN THEORY AND THEORETICAL PERSPECTIVES
Topics of current interest in Theory and Theoretical Perspectives. Consult the Department of Gender, Sexuality, and Women's studies for current offerings.
Prerequisite(s): GSWS 2220E, or permission of the department.
Extra Information: 3 hours, 0.5 course.

Effective September 1, 2022, the following change(s) be made: Course Introduction.

GENDER, SEXUALITY, AND WOMEN'S STUDIES 3326 F/G - SPECIAL TOPICS IN THEORY AND THEORETICAL PERSPECTIVES
Topics of current interest in Theory and Theoretical Perspectives. Consult the Department of Gender, Sexuality, and Women's studies for current offerings.
Prerequisite(s): GSWS 2220E, or permission of the department.
Extra Information: 3 hours, 0.5 course.

Faculty of Law

LAW

Effective September 1, 2022, the following change(s) be made: Course Revisions.

LAW 5155 ORIENTATION TO LAW AND THE LEGAL SYSTEM
This blended course provides background for the study of law and an introduction to the Canadian legal system. Learning modules include elements of the modern legal system; statutory interpretation; alternative dispute resolution; the position of Aboriginal Peoples within the legal system the relationship of Indigenous Peoples to the legal system; the implementation of international law into domestic law; various legal theories and perspectives and their application.

Effective September 1, 2022, the following change(s) be made: Course Revisions.

Law 5558 A/C/D SECURITIES LAW: CONCEPTS AND PRACTICE ADVANCED TOPICS IN SECURITIES LAW AND PRACTICE
This course provides a practice-oriented program in securities law through exposure to securities practitioners, regulators and/or investment bankers outside of a traditional classroom setting. Topics include public distributions, registration, continuous disclosure, related party transactions, take-over bids, and enforcement and securities litigation. Law 5210 is recommended prior to registering in this course. covered extend beyond those examined in the introductory Securities Regulation course and include advanced and practical issues often confronted in legal practice.

Antirequisite(s): Law 5849 if taken prior to the academic year 2022-2023.
Prerequisite(s): Law 5210A/C/D.
Pre-or Corequisite(s): Law 5559A/C/D.

Effective September 1, 2022, the following change(s) be made: Course Revisions.

LAW 5559A/C/D SECURITIES REGULATION
An introduction to theoretical and doctrinal foundations of Canadian securities regulation, focusing principally on Ontario legislation, rules and policies. Topics may include: foundational concepts; regulators, SROs and regulatory instruments; registration and prospectus requirements; exempt markets; insider trading; continuous disclosure; take-over bids; enforcement; emerging issues; and securities regulation in other jurisdictions.

Prerequisite: Law 5210A/C/D.

Effective September 1, 2022, the following change(s) be made: Course Revisions.

LAW 5690A/C/D LAW AND SPORT THEORY AND PRACTICE OF SPORTS LAW
The principle objective of this course is to provide students with an understanding of sports-related topics that are not widely discussed or published. The balance of the course involves an intensive analysis of the dispute resolution and disciplinary processes of different sport bodies.
This course offers an overview of the emerging and prevalent legal issues that dominate the Canadian and international sports world today.

Antirequisite(s): Law 5817A/C/D, if taken prior to the academic year 2022-2023.

Faculty of Science

COMPUTER SCIENCE

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SCIENCE 1011A/B - THE INTERNET: BEHIND THE CURTAIN

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

COMPUTER SCIENCE 1025A/B COMPUTER SCIENCE FUNDAMENTALS I
The nature of Computer Science as a discipline; the design and analysis of algorithms and their implementation as modular, reliable, well-documented programs written in a modern programming language. Intended for students with significant programming experience in at least one high-level block-structured or object-oriented language.

Antirequisite(s): Computer Science 1026A/B, Computer Science 2120A/B, Data Science 1200A/B, Engineering Science 1036A/B, Digital Humanities 2220A/B.
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

COMPUTER SCIENCE 1026A/B COMPUTER SCIENCE FUNDAMENTALS I
The nature of Computer Science as a discipline; the design and analysis of algorithms and their implementation as modular, reliable, well-documented programs written in a modern programming language. Intended for students with little or no background in programming.

Antirequisite(s): Computer Science 1025A/B, Computer Science 2120A/B, Data Science 1200A/B, Engineering Science 1036A/B, Digital Humanities 2220A/B.
Extra Information: 3 lecture hours, 2 laboratory/tutorial hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision, Course Title or Description Revision.

COMPUTER SCIENCE 1027A/B COMPUTER SCIENCE FUNDAMENTALS II

A continuation for both Computer Science 1025A/B and Computer Science 1026A/B. Data organization and manipulation; abstract data types and their implementations in a modern programming language; lists, stacks, queues, trees; pointers; recursion; file handling and storage.
Antirequisite(s): Computer Science 1037A/B, Computer Science 2121A/B, Digital Humanities 2221A/B.
Prerequisite(s): Computer Science 1025A/B, Computer Science 1026A/B, Data Science 1200A/B, or Engineering Science 1036A/B, (in each case with a mark of at least 65%).
Extra Information: 3 lecture hours, 1 laboratory/tutorial hour.

Effective September 1, 2022, the following change(s) be made: Course Title or Description Revision.

COMPUTER SCIENCE 1037A/B COMPUTER SCIENCE FUNDAMENTALS II
A continuation for Engineering Science 1036A/B. Data organization and manipulation; abstract data types and their implementations in the C programming language an object-oriented setting (C++); lists, stacks, queues, trees; pointers; recursion; file handling and storage. Intended for students in the Faculty of Engineering.

Antirequisite(s): Computer Science 1027A/B, Computer Science 2121A/B, Digital Humanities 2221A/B.
Prerequisite(s): Engineering Science 1036A/B.
Extra Information: 3 lecture hours, 2 laboratory/tutorial hour.

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

COMPUTER SCIENCE 1046A/B APPROACHABLE APPS: AN INTRODUCTION TO PROGRAMMING USING JAVASCRIPT
Foundations of app development for the web and mobile devices. An introduction to basic programming and scripting concepts, and technologies such as JavaScript, HTML, and CSS, which will be used to create a variety of apps and games. This course is intended for students with no prior programming or computing background.
Antirequisite(s): Computer Science 1025A/B, Computer Science 1026A/B, Computer Science 2120A/B, Data Science 1200A/B, Engineering Science 1036A/B and Software Engineering 2202A/B.
Extra Information: 2 lecture hours, 2 laboratory/tutorial hours.

Effective September 1, 2022, the following change(s) be made: Course Title or Description Revision.

COMPUTER SCIENCE 2033A/B MULTIMEDIA AND COMMUNICATION II
This course continues the exploration of popular media and Internet technologies. Topics include making websites more interactive, more searchable and easier to update; digital marketing; e-commerce; social integration; and mobile applications. Students will practice concepts using industry standard tools and software. advanced photo editing techniques; website development with HTML, CSS, and JavaScript; making websites more interactive; form validation; Bootstrap websites; and the significance of CMS's and e-commerce platforms.
Prerequisite(s): Computer Science 1033A/B.
Extra Information: 2 lecture hours, 2 laboratory/tutorial hours.

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SCIENCE 2050F/G - THE EVOLUTION OF COMPUTING AND COMPUTERS

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SCIENCE 2101A/B - FOUNDATIONS OF PROGRAMMING FOR HIGH PERFORMANCE COMPUTING

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

COMPUTER SCIENCE 2120A/B MODERN SURVIVAL SKILLS I: CODING ESSENTIALS
Essential information processing and coding skills for students. Includes core concepts of algorithms and data structures; creating programs and scripts to address problems that arise in applied research; examples of data sets and analyses drawn from a variety of disciplines. No previous programming background assumed.

Antirequisite(s): Computer Science 1025A/B or Computer Science 1026A/B, Data Science 1200A/B, Engineering Science 1036A/B, Digital Humanities 2220A/B.
Extra Information: 3 lecture hours, 2 laboratory/tutorial hours.

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SCIENCE 2124A/B - INTRODUCTION TO MEDICAL COMPUTING

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SCIENCE 2125F/G - INTRODUCTION TO MEDICAL COMPUTING

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 2208A/B INTRODUCTION TO COMPUTER ORGANIZATION AND ARCHITECTURE

This course gives an understanding of what a modern computer can do. It covers the internal representation of various data types and focuses on the architectural components of computers (how these components are interconnected and the nature of the information flow between them). Assembly language is used to reinforce these issues.

Prerequisite(s): Computer Science 1027A/B, Computer Science 1037A/B, or the former Computer Science 2101A/B, in each case with at least 65%; or Integrated Science 1001X with at least 60%.
 Extra Information: 3 lecture hours, 1 laboratory hour, 1 tutorial hour.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 2209A/B APPLIED LOGIC FOR COMPUTER SCIENCE
Propositional and predicate logic; representing static and dynamic properties of real-world

systems; logic as a tool for representation, reasoning and calculation; logic and programming.

Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, the former Computer Science 2101A/B, Computer Science 2121A/B or Digital Humanities 2221A/B in each case with at least 65%, and 1.0 course with at least 60% in each from: Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B, the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413; or 2) Integrated Science 1001X with at least 60%.
 Extra Information: 3 lecture hours, 1 laboratory/tutorial hour.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 2210A/B DATA STRUCTURES AND ALGORITHMS
Lists, stacks, queues, priority queues, trees, graphs, and their associated algorithms; file structures; sorting, searching, and hashing techniques; time and space complexity.

Antirequisite(s): Software Engineering 2205A/B.
Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, the former Computer Science 2101A/B, Computer Science 2121A/B or Digital Humanities 2221A/B in each case with at least 65%, and 1.0 course with at least 60% in each from: Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B, the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413; or 2) Integrated Science 1001X with at least 60%.
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 2211A/B SOFTWARE TOOLS AND SYSTEMS PROGRAMMING
An introduction to software tools and systems programming. Topics include: understanding how programs execute (compilation, linking and loading); an introduction to a complex operating system (UNIX); scripting languages; the C programming language; system calls; memory management; libraries; multi-component program organization and builds; version control; debuggers and profilers.

Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, or the former Computer Science 2101A/B, in each case with a mark of at least 65% or 2) Integrated Science 1001X with at least 60%.
Extra Information: 3 lecture hours, 1 laboratory/tutorial hour.

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

COMPUTER SCIENCE 2212A/B/Y INTRODUCTION TO SOFTWARE ENGINEERING

A team project course that provides practical experience in the software engineering field. Introduction to the structure and unique characteristics of large software systems, and concepts and techniques in the design, management and implementation of large software systems.

Antirequisite(s): Software Engineering 2203A/B if taken before the 2022-2023 academic year.
Prerequisite(s): Computer Science 2210A/B and Computer Science 2211A/B
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 2214A/B DISCRETE STRUCTURES FOR COMPUTING
This course presents an introduction to the mathematical foundations of computer science, with an emphasis on mathematical reasoning, combinatorial analysis, discrete structures, applications and modeling, and algorithmic thinking. Topics include sets, functions, relations, algorithms, number theory, matrices, mathematical reasoning, counting, graphs and trees.
Antirequisite(s): Mathematics 2151A/B, Mathematics 2155F/G.
Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, or the former Computer Science 2101A/B, in each case with at least 65%, and 1.0 course with at least 60% in each from: Applied Mathematics 1201A/B, Numerical and Mathematical Methods 1411A/B, Numerical and Mathematical Methods 1412A/B, Numerical and Mathematical Methods 1414A/B, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B, the former Applied Mathematics 1411A/B, the former Applied Mathematics 1412A/B, the former Applied Mathematics 1414A/B, the former Applied Mathematics 1413; or 2) Integrated Science 1001X with at least 60%.
Extra Information: 3 lecture hours, 1 laboratory/tutorial hour

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SIENCE 3101A/B - THEORY AND PRACTICE OF HIGH PERFORMANCE COMPUTING

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 3305A/B OPERATING SYSTEMS
Survey of major operating systems; interprocess communication; multi-tasking; scheduling; memory management; performance and measurement issues; trade-offs in operating system design; concurrency and deadlock.
Antirequisite(s): Software Engineering 3313A/B.
Prerequisite(s): Either (Computer Science 2208A/B and Computer Science 2211A/B) or (the former Computer Science 2101A/B and Computer Science 2208A/B) or (Computer Science 2210A/B, Computer Science 2211A/B, ECE 3375A/B, and registration in the fourth year of a BESc program in Computer Engineering or Mechatronic Systems Engineering.)
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

COMPUTER SCIENCE 3307A/B/Y OBJECT-ORIENTED DESIGN AND ANALYSIS
Software design and analysis techniques with particular emphasis on object-oriented design

and analysis; a team project will be developed using an object-oriented language such as Java, C++ or Smalltalk.
Antirequisite(s): Software Engineering 3350A/B if taken before the 2022-2023 academic year.
Prerequisite(s): Either (Computer Science 2212A/B/Y) or (Computer Science 2210A/B, Computer Science 2211A/B, Electrical and Computer Engineering 3375A/B,and registration in the fourth year of a BESc program in Computer Engineering or Mechatronic Systems Engineering.)
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 3350A/B COMPUTER ORGANIZATION

Topics include: semiconductor technologies, gates and circuits, buses, semiconductor memories, peripheral interfaces, I/O techniques, A/D conversion, standards, RISC.
Antirequisite(s): ECE 3375A/B.
Prerequisite(s): Computer Science 2208A/B, Computer Science 2210A/B, Computer Science 2211A/B, and either Computer Science 2209A/B or the former Computer Science 2101A/B.
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 3377A/B SOFTWARE PROJECT MANAGEMENT

The software development life cycle; resourcing, scheduling and estimating techniques for software project management; project management organizational concerns, including project economic analysis, human resources, proposal development, risk management, software implementation, and technology-strategic alignment.
Antirequisite(s): Science 3377A/B, SE 3351A/B.
Prerequisite(s): Computer Science 2212A/B/Y. Registration in third or fourth year of any module offered by the Department of Computer Science.
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision, Course Title or Description Revision.

COMPUTER SCIENCE 3388A/B COMPUTER GRAPHICS I

The viewing pipeline; clipping and visibility problems. The graphical kernel system; picture generation and user interfaces.
Prerequisite(s): (Computer Science 2211A/B or the former Computer Science 2101A/B) or (Software Engineering 2203A/B, Software Engineering 2205A/B and Software Engineering 2250A/B); one of. Also Mathematics 1600A/B, Numerical and Mathematical Methods 1411A/B or the former Applied Mathematics 1411A/B.
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision, Course Title or Description Revision, Other Course Revision (i.e. hours, suffix... etc.).

COMPUTER SCIENCE 4402A/B DISTRIBUTED AND PARALLEL SYSTEMS PARALLEL AND

DISTRIBUTED COMPUTING

Issues arising in distributed and parallel systems and applications; related architectures such as connection machines, shared memory multiprocessors.
This course studies the fundamental aspects of parallel and distributed systems, providing an integrated view of the various facets of software development on such systems: hardware architectures, programming languages, computational models, software development tools and design patterns, performance modelling and analysis, experimenting and measuring, application to scientific computing.
Prerequisite(s): Computer Science 3305A/B and Computer Science 3357A/B, or Software Engineering 3313A/B and ECE 4436A/B. (Computer Science 3340A/B or Software Engineering 3310A/B) and (Computer Science 3350A/B or ECE 3375A/B).
Extra Information: 3 lecture hours. Note: Computer Science 3331A/B and Computer Science 3305A/B or equivalent are recommended.

Effective September 1, 2022, the following change(s) be made: Course Introduction.

COMPUTER SCIENCE 4446A/B INTERNET ALGORITHMICS
This course focuses on the study of algorithms for solving problems that arise from the design and use of large networks, like the Internet. Topics include: Computer networks and internets, distributed algorithms, peer-to-peer systems, the Web graph and searching for information in the Web, caching, and Game Theory.

Antirequisite(s): Computer Science 4438A/B, if taken during the 2018-2019, 2021-2022 academic years; Software Engineering 3314A/B.
Prerequisite(s): Either Computer Science 3340A/B or Software Engineering 3310A/B
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Introduction.

COMPUTER SCIENCE 4458A/B NETWORK SECURITY
This course will aim at providing a comprehensive understanding of various security issues in an end-to-end network. The list of these topics includes message/user authentication, cryptographic key management, web security, TLS, wireless/5G security, e-mail security, DNS security, IPSec, VPN security, Malware, Firewall, network intrusion detection/prediction/prevention, DoS/DDoS, Cloud and IoT Security.
Antirequisite(s): Computer Science 4434A/B, if taken during the 2021-2022 academic year; Computer Science 4457A/B, if taken during the 2020-2021 academic year.
Prerequisite(s): (Computer Science 3305A/B or Software Engineering 3313A/B) and (Computer Science 3357A/B or Electrical and Computer Engineering 4436A/B).
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Introduction.

COMPUTER SCIENCE 4459A/B SELECTED TOPICS ON SCALABLE AND ROBUST DISTRIBUTED SYSTEMS
This course presents fundamental concepts related to the design and implementation of distributed systems. The course teaches the abstractions, design and algorithms that enable the development of scalable and robust distributed systems. Topics include interprocess

communication, clocks, replication, data consistency models, consistent hashing, and failure handling.

Antirequisite(s): Computer Science 4435A/B, if taken during the 2021-2022 academic year.
Prerequisite(s): 0.5 course from: Computer Science 3305A/B, Computer Science 3357A/B, Electrical and Computer Engineering 4436A/B, Software Engineering 3313A/B, Software Engineering 3314A/B.
Extra Information: 3 lecture hours.

Effective September 1, 2022, the following change(s) be made: Course Withdrawal.

COMPUTER SCIENCE 4487A/B - ALGORITHMS FOR IMAGE ANALYSIS

Effective September 1, 2022, the following change(s) be made: Course Pre or Corequisite Revision.

COMPUTER SCIENCE 4490Z THESIS
A project or research paper completed with minimal faculty supervision. An oral presentation plus a written submission will be required.

Antirequisite(s): Computer Science 3380F/G/Z, Computer Science 4460Z, Computer Science 4470Y, Computer Science 4480Y.
Prerequisite(s): (2.0 courses from: Computer Science 3305A/B, Computer Science 3307A/B/Y, Computer Science 3331A/B, Computer Science 3340A/B, Computer Science 3342A/B, Computer Science 3350A/B; plus registration in the Honours Specialization in Computer Science or the Combined Honours BSc Computer Science/Juris Doctor (JD) Program) or (2.0 courses from: Computer Science 3305A/B, Computer Science 3307A/B/Y, Computer Science 3319A/B, Computer Science 3331A/B, Computer Science 3340A/B, Computer Science 3357A/B; plus registration in the Honours Specialization in Information Systems).
Extra Information: 3 lecture hours.

Faculty of Social Science

SOCIOLOGY

Effective September 1, 2022, the following change(s) be made: Course Revisions.

SOCIOLOGY 2205 A/B: STATISTICS FOR SOCIOLOGY
Antirequisite(s): Biology 2244A/B, Economics 2122A/B, Economics 2222A/B, Geography 2210A/B, Health Sciences 3801A/B,MOS 2242A/B, the former Psychology 2810, the former Psychology 2820E, Psychology 2811A/B, Psychology 2830A/B, Psychology 2850A/B, Psychology 2851A/B, Social Work 2207A/B, Statistical Sciences 2035, Statistical Sciences 2141A/B, Statistical Sciences 2143A/B, Statistical Sciences 2244A/B, Statistical Sciences 2858A/B.
Prerequisite(s): 1.0 Sociology course at the 1000 level.
Extra Information: 3 lecture hours. Mandatory for students registered in Yr 2 of an Honours Specialization offered through the Dept. of Sociology. Recommended in Years 2 or 3 of a Major, Specialization or Honours Specialization offered through the Dept of Sociology.

SOCIOLOGY 2206 A/B: RESEARCH METHODS IN SOCIOLOGY
Antirequisite(s): Social Work 2206A/B, Health Sciences 2801A/B, Political Science 3324F/G, or Political Science 2325F/G.
Prerequisite(s): 1.0 Sociology course at the 1000 level or Indigenous Studies 1020E or GSWS 1020E, or enrolment in Honours Specialization in Human Resource Management or Specialization in Human Resource Management.
Extra Information: 3 hours. Mandatory for students registered in Yr 2 of an Honours Specialization offered through the Dept. of Sociology. Recommended in Years 2 or 3 of a Major, Specialization or Honours Specialization offered through the Dept of Sociology.

SOCIOLOGY 2212 A/B: WOMEN AND THIRD WORLD DEVELOPMENT
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2227 A/B: SOCIAL CHANGE AND DEVELOPMENT
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2228 A/B: SOCIAL INEQUALITY IN CANADA
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2229 A/B: GLOBAL INEQUALITY
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2236 A/B: POPULATION STUDIES
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B or enrolment in the Honours Specialization in Urban Development.

SOCIOLOGY 2242 A/B: GENDER AND SOCIETY
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2246 A/B: SOCIOLOGY OF HEALTH AND ILLNESS
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

Sociology 2247 A/B: Sociology of Health Care
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2270 A/B: FOUNDATIONS OF SOCIAL THEORY
Antirequisite(s): Sociology 2240E, Sociology 2263A/B
Prerequisite(s): At least 60% in 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.
Extra Information: 3 lecture hours. Note at Main campus: Sociology 2240E or Sociology 2270A/B and Sociology 2271A/B are mandatory for students registered in Yr 2 of an Honours

Specialization offered through the Dept. of Sociology.

SOCIOLOGY 2271 A/B: SURVEY OF CONTEMPORARY THEORY
Antirequisite(s): Sociology 2240E, Sociology 2263A/B
Prerequisite(s): Sociology 2270A/B.
Extra Information: 3 lecture hours. Note at Main campus: Sociology 2240E or Sociology 2270A/B and Sociology 2271A/B are mandatory for students registered in Yr 2 of an Honours Specialization offered through the Dept. of Sociology.

SOCIOLOGY 2275 A/B: ADVERTISING, MEDIA AND SOCIETY
Prerequisite(s): Sociology 2172A/B and one of: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B.

SOCIOLOGY 2281 A/B: INTERNATIONAL MIGRATION IN A GLOBALIZED WORLD
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B or enrolment in the Honours Specialization in Urban Development.

SOCIOLOGY 3301 F/G: THE INTERNET AND SOCIETY
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3307 F/G: INVESTIGATING THE SOCIAL WORLD: QUALITATIVE RESEARCH
Prerequisite(s): Sociology 2205A/B and Sociology 2206A/B.

SOCIOLOGY 3312 A/B: WRONGFULLY CONVICTED
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3317 A/B: PROBLEMS OF MASS HIGHER EDUCATION
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3320 F/G: YOUTH AND SOCIETY
Prerequisite(s): Third or fourth year standing in a module in Sociology or Criminology. Registration in third year or above.

SOCIOLOGY 3321 F/G: IDENTITY AND SOCIETY
Prerequisite(s): 1.0 from Sociology courses at the 1000 level. Registration in third year or above.

SOCIOLOGY 3324 F/G: SOCIAL INEQUALITY OVER THE LIFE COURSE
Prerequisite(s): 1.0 from: Sociology 1020, Sociology 1021E, Sociology 1025A/B, Sociology 1026F/G, Sociology 1027A/B. Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3341 F/G: THE SOCIAL CONSTRUCTION OF GENDER
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3347 F/G: CURRENT ISSUES IN STRATIFICATION
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology Registration in third year or above.

SOCIOLOGY 3352 F/G: INEQUALITIES ACROSS FAMILIES: DIVERGING DESTINIES OF THE RICH AND POOR
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3358 F/G: WOMEN AND CRIME
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3362 F/G: SOCIOLOGY OF UTOPIA
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3368 F/G: MARRIAGE MARKETS
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3381 F/G: MIGRATION AND FAMILY
Prerequisite(s): Third or fourth year standing in any module in the Department of Sociology. Registration in third year or above.

SOCIOLOGY 3404 F/G
Prerequisite(s): Sociology 2240E or both Sociology 2270A/B and Sociology 2271A/B. 0.5 courses from Sociology 2263A/B, Sociology 2270A/B, Sociology 2271A/B OR 1.0 Sociology 2240E.

SOCIOLOGY 4401 F/G EVERYDAY LIFE
Prerequisite(s): Sociology 2240E or both Sociology 2270A/B and Sociology 2271A/B and enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. 0.5 courses from Sociology 2263A/B, Sociology 2270A/B, Sociology 2271A/B OR 1.0 Sociology 2240E, and registration in third year or above in a Department of Sociology module or registration in fourth year in any module.

SOCIOLOGY 4405 F/G SEMINAR IN SOCIOLOGICAL THEORY
Prerequisite(s): Sociology 2240E or both Sociology 2270A/B and Sociology 2271A/B and enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. 0.5 courses from Sociology 2263A/B, Sociology 2270A/B, Sociology 2271A/B OR 1.0 Sociology 2240E, and registration in third year or above in a Department of Sociology module or registration in fourth year in any module.

SOCIOLOGY 4406 F/G MEDIA AND GENDER
Antirequisite(s): MIT 3210F/G, Sociology 4485F/G taken in 2021/2022.
Prerequisite(s): Registration in third or fourth year of any program.

SOCIOLOGY 4407 F/G CRIMINOLOGICAL THEORY AND RESEARCH
Prerequisite(s): Sociology 2266A/B, and enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology and Criminology. Sociology 2266A/B, and registration in third year or above in a Department of Sociology module or fourth year in any module.

SOCIOLOGY 4408 F/G ADVANCED SOCIOLOGY OF HEALTH
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Major in Sociology or Criminology, or the BHSc Aging. Registration in third year or above in a Department of Sociology module, the BHScAging, or registration in fourth year in any module.

SOCIOLOGY 4416 F/G MIGRATION
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4420 F/G THE SOCIAL CONTEXT OF RACIAL INEQUALITY
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4422 F/G LGBTQ2S+ POPULATIONS
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4425 F/G ADVANCED SOCIOLOGY OF YOUTH
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4426 F/G PROTEST AND CONTENTIOUS ACTION
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology, or special permission from the Department of Sociology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4437 F/G ADVANCED SOCIOLOGY OF DEVIANCE
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4441 A/B: DEATH, FERTILITY AND MIGRATION: DEMOGRAPHIC ANALYSIS OF SOCIAL CHANGE
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4442 F/G SERIAL KILLERS
Prerequisite(s): Sociology 2266A/B, and enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4450 F/G EDUCATION AND SOCIETY
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4451 F/G POLICING AND SOCIETY
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4452 F/G THE SOCIAL CONSTRUCTION OF SEXUALITY
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4455 F/G ADVANCED SOCIOLOGY OF LAW
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4466 F/G PROFESSIONS, PROFESSIONALS AND THEIR WORK
Prerequisite(s): Enrolment in fourth year of a Sociology or Criminology module. Registration in third year or above in any Department of Sociology module, or fourth year in any Faculty of Social Science module.

SOCIOLOGY 4469 F/G SELECTED TOPICS IN THE SOCIOLOGY OF WORK
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology, or in third or fourth year of the Media, Information and Technoculture Program/Module. Registration in third year or above in any Department of Sociology module, registration in third year or above in the Media, Information and Technoculture Program/Module, or fourth year in any Faculty of Social Science module.

SOCIOLOGY 4471 F/G THE SOCIOLOGY OF CLIMATE CHANGE
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4472 F/G HEALTH INEQUALITIES: THE SOCIAL DETERMINANTS OF HEALTH
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4473 F/G IMMIGRATION AND IMMIGRANT INTEGRATION IN CANADA

Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in third year or above in any Department of Sociology module, or fourth year in any module.

SOCIOLOGY 4478 F/G ADVANCED PROGRAM AND POLICY EVALUATION
Prerequisite(s): Sociology 3306A/B and enrolment in fourth year of one of the Honours Specializations or Honours Double Major in Sociology, Criminology or BHSc Aging. registration in third year or above in any Department of Sociology module or BHSc Aging, or fourth year in any module.

SOCIOLOGY 4485 F/G SELECTED TOPICS
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in fourth year or above in a Department of Sociology module.

SOCIOLOGY 4486 F/G SELECTED TOPICS
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in fourth year or above in a Department of Sociology module.

SOCIOLOGY 4487 F/G SELECTED TOPICS
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in fourth year or above in a Department of Sociology module.

SOCIOLOGY 44878 F/G SELECTED TOPICS
Prerequisite(s): Enrolment in fourth year of one of the Honours Specializations or Honours Double Majors in Sociology or Criminology. Registration in fourth year or above in a Department of Sociology module.

Brescia University College

FOODS AND NUTRITION

Effective September 1, 2022, the following change(s) be made: Course Introduction.

FOODS AND NUTRITION 4427A/B: FOOD MARKETING
The food, beverage, and food services industries (the food industry) are among the largest industries in Canada. This course considers the context of the food industry as a factor in developing effective marketing strategies and plans. It further considers the controversies and trends in food marketing and the resulting social and ethical issues that arise.

Antirequisite: MOS 4427A/B.
Prerequisite(s): MOS 2320A/B or MOS 3320A/B and enrolment in BMOS; or Foods and Nutrition 2449A/B and enrolment in the Specialization or Honours Specialization in Foods and Nutrition.
Extra Information: 3 lecture hours.

King's University College

SOCIOLOGY

Effective September 1, 2022, the following change(s) be made: Course Antirequisite Revision.

SOCIOLOGY 3310F/G: QUALITATIVE RESEARCH METHODS

Mandatory for third-year Sociology or Criminology students in an Honours Specialization. In this seminar, students explore the social world using qualitative methodologies. They develop research skills using approaches such as intensive interviewing, participant observation, unobtrusive data collection and grounded theory building.

Antirequisite(s): Childhood and Social Institutions 3311F/G, Family Studies and Human Development 3230A/B, Interdisciplinary Studies 2252F/G, Sociology 3307F/G, Thanatology 3330F/G, or the former Thanatology 4401F/G.
Prerequisite(s): Enrolment in an Honours Specialization or Honours Double Major in Sociology or Criminology with a minimum grade of 60% in Sociology 2205A/B and Sociology 2206A/B, or Social Work 2206A/B and Social Work 2207A/B. If not in an Honours Specialization or Honours Double Major, a minimum grade of 70% in Sociology 2205A/B and Sociology 2206A/B, or Social Work 2206A/B and Social Work 2207A/B is required.
Extra Information: 3 seminar hours

Approval Route: Minor Change

Faculty of Arts and Humanities

ART HISTORY

Effective September 1, 2022, the following change(s) be made: Prerequisite revision to correct DAP March 6, 2022 error:.

ART HISTORY 3642F/G: COLD WAR ART AND POLITICS
Prerequisite(s): 1.0 from Art History 1640 or the former VAH 1040 or two of Art History 1641A/B – 1649A/B or the former VAH 1041A/B – 1045A/B or 1.0 essay course from Arts and Humanities, FIMS, or Social Science, or permission of the Department

King's University College

SOCIAL WORK

Effective September 1, 2022, the following change(s) be made: Prerequisite revision to correct DAP February 16, 2022 error:.

SOCIAL WORK 4414F/G - ANALYSIS OF CANADIAN SOCIAL POLICIES
Prerequisite(s): Registration in the professional BSW (Honours) program, or permission of the School.

SOCIAL WORK 4415F/G - ORGANIZATIONAL CONTEXT OF PRACTICE

Prerequisite(s): Registration in the professional BSW (Honours) program, or permission of the School.

SOCIAL WORK 4429A/B - PRACTICE-BASED RESEARCH
Prerequisite(s): Registration in the professional BSW (Honours) program, or permission of the School.