



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

DAP Submission Period: January 1-15, 2021

DAP Approval Date: February 01, 2021

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

Approval Route: DAP

Faculty of Science

COMPUTER SCIENCE

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Computer Science 2124A/B: INTRODUCTION TO MEDICAL COMPUTING

Antirequisite(s): Computer Science 2125F/G.

Prerequisite(s): 1.0 course from Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Mathematics 1600A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, **Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former** Applied Mathematics 1413.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Computer Science 2209A/B: APPLIED LOGIC FOR COMPUTER SCIENCE

Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, 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, **Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former** Applied Mathematics 1413, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B; or 2) Integrated Science 1001X

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Computer Science 2210A/B: DATA STRUCTURES AND ALGORITHMS

Antirequisite(s): Software Engineering 2205A/B.

Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, 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, **Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former** Applied Mathematics 1413, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B; or 2) Integrated Science 1001X.

EARTH SCIENCES

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Earth Sciences 2222A/B: ANALYTICS FOR EARTH SCIENCE

Antirequisite(s): Computer Science 2034A/B, Computer Science 2035A/B.

Prerequisite(s): **Applied Mathematics 1413 (1.0 course and no other pre-or co-requisite required); or** 0.5 course from Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, **Applied Mathematics 1412A/B, the former Applied Mathematics 1413.**

Faculty of Science/Schulich School of Medicine & Dentistry; including BMSc and Neuroscience

MEDICAL BIOPHYSICS

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3330F/G HUMAN BIOMECHANICS WITH BIOMEDICAL APPLICATIONS

Prerequisite(s): One of Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former Applied Mathematics 1413; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, and one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B. Typically taken in third year, this course is also open to second-year students with an overall average of at least 70% in first year.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3336F/G HUMAN & ANIMAL INTERACTIONS WITH THE PHYSICAL ENVIRONMENT

Prerequisite(s): One of Biology 1001A or Biology 1201A and one of Biology 1002B or Biology 1202B; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, and one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B. Typically taken in third year, this course is also open to second-year students with an overall average of at least 70% in first year.

Pre-or Corequisite(s): Calculus 1000A/B, Calculus 1500A/B plus one of Calculus 1301A/B or Calculus 1501A/B, or Applied Mathematics 1412A/B and Applied Mathematics 1414A/B, the former Applied Mathematics 1413.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3501A BIOPHYSICS OF TRANSPORT SYSTEMS

Prerequisite(s): One of Calculus 1000A/B, Calculus 1500A/B, Mathematics 1225A/B, Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former Applied Mathematics 1413; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, and one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B. Typically taken in third year, this course is also open to second-year students with an overall average of at least 70% in first year.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3503G FUNDAMENTALS OF DIGITAL IMAGING

Prerequisite(s): Calculus 1000A/B or Calculus 1500A/B plus one of Calculus 1301A/B or Calculus 1501A/B, or Applied Mathematics 1412A/B and Applied Mathematics 1414A/B, the former Applied Mathematics 1413; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, and one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B. Typically taken in third year, this course is also open to second-year students with an average of at least 70% in first year.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3505F MATHEMATICAL TRANSFORM APPLICATIONS IN MEDICAL BIOPHYSICS

Prerequisite(s): One of Calculus 1000A/B, Calculus 1500A/B plus one of Calculus 1301A/B or Calculus 1501A/B, or Applied Mathematics 1412A/B and Applied Mathematics 1414A/B, the former Applied Mathematics 1413; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, and one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B. Although typically taken in third year, this course is available to second-year students with an overall average of at least 70% in first year.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3507G ANALYSIS OF OXYGEN TRANSPORT IN BIOLOGICAL SYSTEMS

DAP Submission Period: January 1-15, 2021

Prerequisite(s): One of Calculus 1000A/B, Calculus 1500A/B plus one of Calculus 1301A/B or Calculus 1501A/B, or **Applied Mathematics 1412A/B and Applied Mathematics 1414A/B, the former** Applied Mathematics 1413; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, and one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B. Although typically taken in third year, this course is available to second-year students with an overall average of at least 70% in first year.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Medical Biophysics 3645A/B INTRODUCTION TO BIOMEDICAL OPTICS

Prerequisite(s): One of Calculus 1000A/B or Calculus 1500A/B plus one of Calculus 1301A/B or Calculus 1501A/B, or **Applied Mathematics 1412A/B and Applied Mathematics 1414A/B, the former** Applied Mathematics 1413; one of Physics 1028A/B, Physics 1301A/B, Physics 1401A/B or Physics 1501A/B, plus one of Physics 1029A/B, Physics 1302A/B, Physics 1402A/B or Physics 1502A/B.

PHYSIOLOGY

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Physiology 3120 HUMAN PHYSIOLOGY

Prerequisite(s): one of Physics 1028A/B, Physics 1301A/B or Physics 1501A/B and one of Physics 1029A/B, Physics 1302A/B or Physics 1502A/B; 1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Mathematics 1600A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, **Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former** Applied Mathematics 1413; one of Biology 1001A or Biology 1201A and one of Biology 1002B or Biology 1202B; or permission of the department. It is strongly recommended that Biochemistry 2280A and Biology 2382A/B be taken prior to Physiology 3120. Open only to students who are registered in Years 3 or 4.

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Physiology 3140A CELLULAR PHYSIOLOGY

Prerequisite(s): one of Physics 1028A/B, Physics 1301A/B or Physics 1501A/B and one of Physics 1029A/B, Physics 1302A/B or Physics 1502A/B; 1.0 course from: Calculus 1000A/B or Calculus 1500A/B, Calculus 1301A/B or Calculus 1501A/B, Mathematics 1600A/B, Mathematics 1225A/B, Mathematics 1228A/B, Mathematics 1229A/B, Statistical Sciences 1024A/B, Applied Mathematics 1201A/B, **Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former** Applied Mathematics 1413; one of Biology 1001A or Biology 1201A and one of Biology 1002B or Biology 1202B; or permission of the department. It is strongly recommended that Biochemistry 2280A and Biology 2382A/B be taken prior to Physiology 3120. Open only to students who are registered in Years 3 or 4.

Faculty of Social Science

COMPUTER SCIENCE

Effective September 1, 2021, the following change(s) be made: Course Pre or Corequisite Revision.

Computer Science 2214A/B: DISCRETE STRUCTURES FOR COMPUTING

Antirequisite(s): Mathematics 2151A/B, Mathematics 2155F/G.
Prerequisite(s): Either 1) Computer Science 1027A/B, Computer Science 1037A/B, or 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, **Applied Mathematics 1412A/B, Applied Mathematics 1414A/B, the former** Applied Mathematics 1413, Calculus 1000A/B, Calculus 1301A/B, Calculus 1500A/B, Calculus 1501A/B, Mathematics 1600A/B or 2) Integrated Science 1001X with at least

60%.

MANAGEMENT AND ORGANIZATIONAL STUDIES

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Management and Organizational Studies 4472A/B – ACCOUNTING INFORMATION SYSTEMS

This course focuses on the strategic context of the flow of accounting information from a systems perspective, specifically, the needs and responsibilities of accountants as users of technology. The impact of new technologies and emerging issues in accounting will be integrated throughout the course.

Prerequisite(s): MOS 3361A/B, MOS 3370A/B, and enrolment in 4th year of BMOS.

Extra Information: 3 lecture hours.

0.5 course.

POLITICAL SCIENCE

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2325F/G: RESEARCH DESIGN IN POLITICAL SCIENCE

This course introduces students to basic concepts and methods of research design in political science. Students will learn about how the scientific method of research can be applied to the study of human behaviour, adopting both qualitative or quantitative methods of analysis.

Antirequisite(s): Health Sciences 2801A/B, Psychology 2800E, Psychology 2820E, Psychology 2830A/B, Psychology 2840F/G, Psychology 2855F/G, Psychology 2856A/B, and Sociology 2206A/B.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Extra Information: 2 hours.

0.5 course

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2530F/G: FOUNDATIONS OF CANADIAN GOVERNMENT AND POLITICS

Canada is a country fraught with highly competitive and divergent interests and yet it continues to exist, somehow resisting the forces that should fragment and destroy it. What explains this situation? In this course, we survey the institutional and non-institutional forces that drive cooperation and conflict in Canada.

Antirequisite(s); Political Science 2230E, Political Science 2103A/B, Political Science 2130, Political Science 2133A/B, Political Science 2221F/G, Political Science 2223F/G.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Extra Information: 2 hours.

0.5 course

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2531F/G: FOUNDATIONS OF INTERNATIONAL RELATIONS

This course provides an introduction to the complexity of the international system. It considers how actors act and interact, and how the structures created at the international level mediate those relationships. The course focuses on the evolution of these interactions, with attention to the tensions between state and non-state actors.

Antirequisite(s); Political Science 2231E, Political Science 2131, Political Science 2231W/X.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Extra Information: 2 hours.

0.5 course.

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2532F/G: INTERNATIONAL LAW AND ORDER

This course provides an introduction to the complexity of the international system. It considers the ways in which actors are able to act and interact with one another, and how the structures that have been created at the international level mediate those relationships. The course focuses on the evolution of these interactions, paying careful attention to the tensions between state and non-state actors.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Antirequisite(s): Political Science 2231E, Political Science 2131, Political Science 2231W/X.

Extra Information: 2 hours.

0.5 course.

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2533F/G: RACIALIZED INJUSTICE IN CANADA

This course explores 'race' as a stigmatizing force in Canadian politics and how laws and policies are constructed on the bedrock of whiteness. It examines how the racialization of Indigenous peoples, ethnoracialized groups and ethnoreligious minorities shapes contemporary controversies in the realms of law, public policy, policing and criminal justice.

Antirequisite(s): Political Science 2230E, Political Science 2103A/B, Political Science 2130, Political Science 2133A/B, Political Science 2221F/G, Political Science 2223F/G.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Extra Information: 2 hours.

0.5 course

(Main, King's)

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2537F/G: FOUNDATIONS OF POLITICAL THEORY

This course offers a topical survey of a very diverse field. It will address: (i) what is the purpose of the state? (ii) what is freedom and what are the limits of liberty? (iii) what is equality and should we pursue it? (iv) what is justice and how is it best achieved?

Antirequisite(s): Political Science 2237E, Philosophy 2800F/G, Philosophy 2801F/G, Philosophy 2802E, Political Science 2237W/X.

Prerequisite(s): Political Science 1020E or permission of the instructor

Extra Information: 2 hours.

0.5 course

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2538F/G: ISSUES IN CONTEMPORARY POLITICAL THEORY

This course applies the concepts justice, equality, and liberty to relevant contemporary political issues including multiculturalism, race and sex, global justice, climate change, historical injustice, and immigration. The focus will be on teaching you how to critically review arguments and develop your own views of these matters.

Antirequisite(s): Political Science 2237E, Philosophy 2800F/G, Philosophy 2801F/G, Philosophy 2802E, Political Science 2237W/X.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Extra Information: 2 hours.

0.5 course

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2544F/G: FOUNDATIONS OF AMERICAN GOVERNMENT AND POLITICS

This course introduces American politics by focusing on the Constitution, the institutions of the United States' government and the processes and bodies that determine public policies. We will cover the Constitution and the major components of the U.S. political system including elections, voters, political parties and the branches of government.

Antirequisite(s): Political Science 2244E; Political Science 2200F/G if taken in 2019-20, Political Science 2217F/G, Political Science 2239F/G.

Extra Information: 2 hours.

0.5 course.

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2545F/G: COMPARATIVE POLITICS

This course sets out the major themes, concepts, and approaches used in comparative politics. It undertakes systematic comparisons of political developments and institutions while providing students with an introductory look at the character of national political life in a variety of areas of the world.

Antirequisite(s): Political Science 2245E.

Prerequisite(s): Political Science 1020E or permission of the instructor.

Extra Information: 2 hours.

0.5 course.

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2546F/G: PUBLIC ADMINISTRATION

This course explores many of the inner workings of government. Students will be introduced to selected research and issues in public administration in the context of Canada's federal system. Topics include the machinery of government, the politics-administration dichotomy, intergovernmental relations, representative bureaucracy, accountability, and ethical dilemmas, among others.

Antirequisite(s): Political Science 2246E; Political Science 2201F/G if taken in 2020-21, Political Science 2146, Political Science 2218F/G.

Extra Information: 2 hours.

0.5 course.

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 2547F/G: THE POLICY PROCESS IN THEORY AND PRACTICE

This course introduces students to selected theories of the policy process in the context of Canada's federal system. Students will acquire the knowledge and tools to examine government action or in-action in any policy area. An important skill set for active and informed citizenship.

Antirequisite(s): Political Science 2246E; Political Science 2201F/G if taken in 2020-21, Political Science 2146, Political Science 2218F/G.

Extra Information: 2 hours.

0.5 course

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Political Science 3325F/G: INTRODUCTION TO QUANTITATIVE METHODS IN POLITICAL SCIENCE

This course introduces students to a range of methodological approaches to questions in political science. Students will become familiar with qualitative and quantitative data sources and ways of using each to address political issues.

Antirequisite(s): Political Science 3324F/G.

Prerequisite(s): Political Science 2325F/G.

Extra Information: 2 lecture hours.

Course Weight: 0.50

Brescia University College

PHILOSOPHY

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Philosophy 2084A/B: THE MEANING OF LIFE

A philosophical exploration of interrelated questions: Why does the universe exist? Why do

humans (in general) exist? Why do I exist? Ancient, scholastic and contemporary sources will be examined, including both theistic and atheistic stances as well as approaches that question the meaningfulness of these questions.

Antirequisite(s): Philosophy 2666F/G.

Extra information: 3.0 hours.

0.5 credit

Effective September 1, 2021, the following change(s) be made: Course Introduction.

Philosophy 2666F/G: THE MEANING OF LIFE

A philosophical exploration of interrelated questions: Why does the universe exist? Why do humans (in general) exist? Why do I exist? Ancient, scholastic and contemporary sources will be examined, including both theistic and atheistic stances as well as approaches that question the meaningfulness of these questions.

Antirequisite(s): Philosophy 2084A/B.

Extra information: 3.0 hours.

0.5 credits

Approval Route: Minor Change

Faculty of Engineering

ENGINEERING SCIENCE

Effective September 1, 2021, the following change(s) be made: Course Title or Description Revision.

Engineering Science 2297A/B INTEGRATED SYSTEM ENGINEERING AND DESIGN

Introduction to classical system engineering and associated methods, tools and practices, with application experienced through team-based, interdisciplinary design projects. Case-based and interactive classroom lessons are combined with structured laboratory sessions to build knowledge and competence. Students build life-long learning skills while working in self-directed teams to gain knowledge across topics that include the System Engineering V-model, human-centered design, modeling and optimization, Design for X, sustainability, risk management and human decision making.