

University of Northern British Columbia Dual Credit Initiative

Fall 2025 Semester Course Choices

The following list is a summary of courses available for registration by UNBC Dual Credit students. All students are encouraged to access the UNBC Undergraduate Academic Calendar prior to registration to ensure they have met required prerequisites and are aware of course preclusions and other necessary course information. UNBC Student Advisors are available to help you. The Fall semester begins September 3 and ends December 19. The deadline to add or drop a course is September 17, and the deadline to withdraw is October 23.

UNBC Course Schedule:

<https://selfservice.unbc.ca/StudentRegistrationSsb/ssb/term/termSelection?mode=search>

UNBC Course Descriptions: <https://www2.unbc.ca/calendar/undergraduate/course-descriptions>

PLEASE NOTE! Several classes (listed below) also have a required laboratory or tutorial section associated with the primary lecture. Typically, labs/tutorials are a mandatory complement to the primary lecture, where students will practically apply the knowledge gained in said lecture. For these classes (listed below), students are required to register for BOTH the lecture and laboratory/tutorial. IF A LABORATORY OR TUTORIAL IS NOT REQUIRED, IT WILL BE NOTED IN THE COURSE DESCRIPTION. When submitting your course selection to studentinfo@unbc.ca, please include the Course Name, CRN, and Section for BOTH the lecture and laboratory/tutorial.

- CPSC 100-4 Computer Programming I
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Class locations are not included on this list. Please check UNBC's course schedule for the location of your class before the beginning of the semester. Courses that will be delivered in an "Online" format will be indicated on each listing.

THE FOLLOWING IS AN EXAMPLE OF HOW TO READ THE DUAL CREDIT COURSE LIST. **COLOURS CORRESPOND TO COURSE DETAILS**

COURSE NAME ABBREVIATION

TOTAL CREDIT HOURS AWARDED

FULL COURSE NAME

COURSE DESCRIPTION

WEEKLY COURSE DELIVERY SCHEDULE

COURSE SECTION

CRN (Course Reference Number)

ANTH 102-(3) A World of Discovery

Using a thematic approach, this course explores what defines the human species. Some of the themes explored may include human evolution and our primate biological kin; archaeology and digging for the past; culture in a global world; communication or the essentials of being a talking and increasingly texting primate; health as social and biological; production and consumption, from the first stone tools to the Big Mac; and other topics that deal with humanity past and contemporary.

Times, Section, & CRN: *Tuesday & Thursday 2:30 pm - 3:50 pm – A1 – 50001*

Instructor: TBA

ASTR 120-3 Introduction to Astronomy I: The Solar System

This is a one-semester introductory course in Astronomy that is general enough to be of interest to science and non-science majors with a proper background in mathematics. This course is complementary to ASTR 121-3. Topics include: an overview of our solar system; the Sun; Earth and the Moon; the inner planets: Mercury, Venus, and Mars; the gas giants: Jupiter, Saturn, Uranus, and Neptune; moons and ring structure of the gas giants; Pluto and Charon; asteroids, comets, meteors, and meteorites; the origin and evolution of our solar system; the origin and evolution of the sun; other solar systems and exoplanets. ASTR 120 and ASTR 121 may be taken in either order.

Prerequisite: Principles of Math 11 (50%) or PreCalculus 11 (50%) or Foundation of Math 11 (50%)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: *Monday, Wednesday, Friday 2:30 pm - 3:20 pm – A1 – 50019*

Instructor: Meghan Costello

BIOL 103-3 Introductory Biology I

This lecture-based course is an introduction to the biological sciences including the nature of life, cell structure, function, development, metabolism, genetics and evolutionary theory.

Prerequisite: Biology 11 (50%) or Biology 12 (50%) or BIOL 110 Minimum Grade of C+

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: *Monday, Wednesday, Friday 10:30 am - 11:20 am – A1 – 50030*

Monday, Wednesday, Friday 11:30 am - 12:20 pm – A2 – 53001

Instructor: Michael Preston

Note: Students may register in the corresponding BIOL 123-1 lab; however, it is not required.

BIOL 123-1 Introductory Biology I Laboratory

This laboratory-based course introduces students to techniques in the biological science, closely following the lecture organization in BIOL 103-3. Students normally take this course concurrently with BIOL 103-3 as the lab component complements the lecture, but should check the relevant program requirements to see if the lab is required. (Note: not all programs require both the lecture and lab components.)

Times, Section, & CRN: Wednesday, 3:00 pm - 5:50 pm – L1 – 50033

Tuesday, 11:30 am - 2:20 pm – L2 – 50034

Tuesday, 3:00 pm - 5:50 pm – L3 – 50035

Tuesday, 6:30 pm - 9:20 pm – L4 – 50036

Thursday, 8:00 am - 10:50 am – L5 – 50037

Thursday, 11:30 am - 2:20 pm – L6 – 50038

Thursday, 3:00 pm - 5:50 pm – L7 – 50039

Tuesday, 8:00 am - 10:50 am – L9 – 50040

Instructor: Jenia Blair

BIOL 110-3 Introductory Ecology

This course is designed to introduce non-science majors to ecological systems. Principles of ecology, biotic and abiotic conditions, population, community and ecosystem structure, human impacts on these systems, and basic concepts of conservation and preservation of ecosystems.

Times, Section, & CRN: Monday, Wednesday, Friday 11:30am - 12:20pm – A1 – 50032

Instructor: TBA

CHEM 100-3 General Chemistry I

The first course in a two-course lecture-based sequence of chemistry courses emphasizing the basic principles of chemistry. Topics include: classification of matter, periodic properties of elements, atomic and molecular structure, stoichiometry, chemical reactions, thermochemistry, chemical bonding and an introduction to organic chemistry. Students requiring the first year laboratory courses in their program of study are encouraged to enroll in CHEM 120-1 concurrently.

Prerequisite: MATH 115 Minimum Grade of D- or PreCalculus 12 (50%) or Principles of Math 12 (50%)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 10:30 am - 11:20 am – A1 – 50030

Monday, Wednesday, Friday 11:30 am - 12:20 pm – A2 – 50031

Instructor: Umesh Parshotam

Note: Students may register in the corresponding CHEM 120-1 lab; however, it is not required.

CHEM 120-1 General Chemistry Laboratory I

A laboratory half-course designed to accompany CHEM 100-3 and introduce basic chemistry laboratory procedures. Experiments will be performed which complement the material presented in CHEM 100-3.

Times, Section, & CRN: Tuesday 11:30 am - 2:20 pm – L2 – 50085

Tuesday 3:00 pm - 5:50 pm – L3 – 50086

Thursday 3:00 pm - 5:50 pm – L4 – 50087

Thursday 6:00 pm - 8:50 pm – L5 – 50088
Thursday 8:00 am - 10:50 am – L6 – 50089
Thursday 11:30 am - 2:20 pm – L7 – 50090
Tuesday 8:00 am - 10:50 am – L8 – 50084

Instructor:

Lab Instructor

CHEM 101-3 General Chemistry II

The second course in a two-course lecture-based sequence of chemistry courses emphasizing the basic principles of chemistry. Topics include: intermolecular forces, properties of solutions, reaction kinetics, chemical equilibrium, acids and bases, applications of aqueous equilibria, entropy and free energy, and electrochemistry. Students requiring the first year laboratory courses in their program of study are encouraged to enrol in CHEM 121-1 concurrently.

Prerequisite: CHEM 100 Minimum Grade of D- **AND**
MATH 115 Minimum Grade of D- or PreCalculus 12 (50%) or Principles of Math 12 (50%)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 10:30 AM - 11:20 AM – A1 – 50083

Instructor:

Margot Mandy

COMM 100-3 Introduction to Canadian Business

This course is an overview of the Canadian business environment, forms of organizations, the management function, and an introduction to the functional areas of business management. The course includes the challenges and opportunities facing small business.

Times, Section, & CRN: Tuesday 6:00 pm - 8:50 pm – A1 – 50125

Tuesday, Thursday 9:30 am - 10:50 am – A2 – 50126

Instructor:

L. Charles Scott **OR** Julius Bankole

CPSC 100-4 Computer Programming I

This course introduces the fundamental concepts of programming from an object-oriented perspective. Topics include fundamentals of programming style, syntax, data types, arithmetic and logical expressions, assignments, control structures, arrays, functions, file i/o, classes, inheritance, and dynamic storage allocation. The course emphasizes the development of problem solving and programming skills, including testing techniques and the use of debugging tools. Students must also register in a lab and a tutorial section. Credit will not be awarded for both CPSC 110-3 and CPSC 100-4. Refer to major for required course.

Prerequisite: MATH 115 (minimum grade of C-) or Precalculus 12 (50% or Better)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday 4:00pm - 5:20pm – A1 – 50184

Instructor:

Sajal Saha

NOTE: There is a tutorial requirement and a laboratory requirement for this course.

CORRESPONDING LABS & TUTORIALS FOR CPSC 100-4 Computer Programming I

LABS

Times, Section, & CRN: Wednesday 8:30 am - 9:50 am – L1 – 50185
Wednesday 10:00 am - 11:20 am – L2 – 50186
Thursday 10:00 am - 11:20 am – L3 – 50187
Monday 10:00 am - 11:20 am – L5 – 50188
Monday 8:30 am - 9:50 am – L6 – 50189
Wednesday 11:30 am - 12:50 pm – L7 – 50190
Monday 10:00 am - 11:20 am – L8 – 50191

TUTORIALS

Times, Section, & CRN: Thursday 10:30 am - 11:50 am – T1 – 50192
Tuesday 4:30 pm - 5:50 pm – T2 – 50193
Friday 10:00 am - 11:20 am – T3 – 50194

CPSC 141-3 Discrete Computation Math I

This course provides an introduction to set theory, elements of combinatorics and probability theory, logical and formal reasoning using predicate and propositional calculus, together with narrative proof techniques. Other topics include well-ordered sets, recursive definitions and mathematical induction; introductory number theory including the division algorithm, Euclidean algorithm, prime numbers and the fundamental theorem of arithmetic; properties of functions and relations including bijections, projections, inverses, composition, and Cartesian products.

Prerequisite: MATH 115 (minimum grade of C-) or Precalculus 12 (50%)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 11:30 am - 12:20 pm – A1 – 50195
Instructor: David Casperson

ECON 100-3 Microeconomics

The interactions of households, firms and government policies. An analysis of how different economic agents interact to determine what is produced, how it is produced and to whom it is distributed.

Times, Section, & CRN: Tuesday, Thursday 12:00 pm - 1:20 pm – A1 – 50226
Instructor: Charles Scott

ECON 101-3 Macroeconomics

The determinants of unemployment, inflation and growth focusing on Canada's macroeconomics performance.

Times, Section, & CRN: Monday, Wednesday 3:30 pm - 4:50 pm – A1 – 50227
Instructor: Muhebullah Karimzada

EDUC 101-3 Introduction to Education

This course is intended to provide students with an understanding of the basic issues facing elementary and secondary teachers in Canadian schools. The topics to be covered include: social, emotional, cognitive and physical development, classroom management, social and economic issues, gender, multiculturalism, teacher characteristics, special needs, and reflective practice. It introduces students to the values, concepts, expectations, and responsibilities of classroom teachers. The course will also acquaint students with the British Columbia Teachers' Federation Guide to Professional Practice.

Times, Section, & CRN: Monday 8:30 am - 11:20 am – A1 – 50250 (Online Delivery)

Instructor: TBA

ENGL 100-3 Intro to Literary Structures

This course provides an introduction to the reading of the three major genres: poetry, fiction, and drama. The course introduces the students to the basic structural principles and rhetorical strategies of literary texts by observing structural and rhetorical theory applied to specific poems, fictions, and plays.

Times, Section, & CRN: Tuesday, Thursday 1:00 pm - 2:20 pm – A1 – 50273

Instructor: Christine Campana

ENGL 104-3 Introduction to Film

This course provides an introduction to the study of film through a detailed examination of a range of films.

Times, Section, & CRN: Monday, Wednesday 2:00 pm - 3:20 pm – A1 – 50274

Instructor: TBA

ENGL 170-3 Writing and Communication Skills

Students will be taught how to construct an argument, and how to assemble and present an academic essay. There will be regular practice in writing well. The course includes library research and an oral presentation, and may also include computer skills.

Times, Section, & CRN: Monday 8:30 am - 11:20 am – A1 – 50275 (Online delivery)

Instructor: Monica Mattfeld

OR

Times, Section, & CRN: Tuesday, Thursday 9:00 am - 10:20 am – A2 – 50276

Instructor: Taylor Morphet

OR

Times, Section, & CRN: Tuesday, Thursday 1:00 pm - 2:20 pm – A3 – 50277

Instructor: Taylor Morphett

OR

Times, Section, & CRN: Monday, Wednesday, Friday 3:30 pm - 4:20 pm – A4 – 50278

Instructor: TBA

OR

Times, Section, & CRN: Wednesday, Friday 11:30 am - 12:50 pm – A5 – 50279

Instructor: TBA

ENPL 104-3 Introduction to Planning

This course introduces students to the practice of planning and an overview of the history, techniques and applications in planning. The course emphasizes the role of the public, politicians, and planners in the field of planning.

Times, Section, & CRN: Monday, Wednesday 11:30 am - 12:50 pm – A1 – 50327

Instructor: Mark Groulx

ENVS 101-3 Introduction to Environmental Citizenship

This course provides an introduction to the concept of "environmental citizen", and to the foundational elements of environmental studies, including social, ecological, humanistic and indigenous approaches to understanding human interactions with the natural environment. Development of skills in written communications is emphasized.

Times, Section, & CRN: Wednesday, Friday 10:00 am - 11:20 am – A1 – 50357

Instructor: TBA

FNST 100-3 The Aboriginal Peoples of Canada

This course is an introduction to the languages, history, culture and enduring presence of the aboriginal people of Canada, intended to explore the range of aboriginal social formations, both past and present, and to consider the future. Oral, written, and archaeological records will be examined. Special attention will be given to the crucial economic, social, and spiritual contacts that exist within aboriginal societies, as well as to materials on the changes that have occurred since the advent of the Europeans.

Times, Section, & CRN: Monday, Wednesday, Friday 2:30 pm - 3:20 pm – A1 – 50360

Instructor: Daniel Sims

FNST 133-3 Dakelh / Carrier Language: Level 1

This course provides an introduction to the conversational and written elements of the Dakelh / Carrier language.

Times, Section, & CRN: Tuesday, Thursday 06:00 PM - 07:20 PM – A1 – 50361 (Online delivery)

Instructor: TBA

GEOG 101-3 Planet Earth

This course examines pressing global issues such as how 10 billion people will live in a world of finite resources, increasing mobility, and rising inequality. Students learn about core human geography concepts as a means to make sense of humanity's place in the world. This examination includes the multifaceted ways in which human societies inhabit and transform the Earth's natural environments, the interconnectedness of places and different ways in which societies respond to widespread challenges.

Times, Section, & CRN: Monday, Wednesday, Friday 1:30 pm - 2:20 pm – A1 – 50386

Instructor: Laura Murphy

HHSC 101-3 Introduction to Health Sciences I: Issues and Controversies

This course provides a review of current issues and controversies with respect to individual and population health. Topics covered include infectious disease, cancer, genetic disease, behavioural determinants of health, addictive behaviour, eating behaviour and the role of nutrition in chronic disease.

Times, Section, & CRN: Monday, Wednesday, Friday 8:30 am - 9:20 am – A1 – 50435

Instructor: Tammy Klassen-Ross

HIST 190-3 World History to 1550

This course explores the history of Asia, Africa, Europe and the Americas from human origins to 1550. Although the course is organized chronologically, it does not cover all or even most aspects of World History during this time period. Rather, it focuses on certain themes to consider the development of various civilizations. At the same time, students work on developing their skills as historians by reading, writing and discussing primary and secondary sources through a number of different historical lenses.

Times, Section, & CRN: Monday, Wednesday 10:30 am - 11:20 am – A1 – 50457

Instructor: Dana Wessell Lightfoot

NOTE: There is a tutorial requirement for this course.

CORRESPONDING TUTORIALS FOR HIST 190-3 World History to 1550

Times, Section, & CRN: Monday 12:30 pm - 1:20 pm – T1 – 50458

Thursday 10:30 am - 11:20 am – T2 – 50459

Friday 9:30 am - 10:20 am – T3 – 50460

Monday 11:30 am - 12:20 pm – T4 – 50461

INTS 100-3 Introduction to Global Studies

This foundation course introduces students to the study of international and global structures, actors, processes, ideas, issues, and events with the aim of understanding and explaining large-scale change in our world. The course is organized around four "great domains" of global studies: environment and sustainability; culture and diversity; politics, security and social justice; and economy and international development.

Times, Section, & CRN: *Wednesday, Friday 4:30 pm - 5:20 pm – A1 – 50486*

Instructor: *Heather Smith*

NOTE: There is a tutorial requirement for this course.

CORRESPONDING TUTORIALS FOR INTS 100-3 Introduction to Global Studies

Times, Section, & CRN: *Friday 10:30 am - 11:50 am – T1 – 50487*

Wednesday 1:30 pm - 2:20 pm – T2 – 50488

Thursday 4:00 pm - 5:20 pm – T4 – 50489

INTS 121-3 Beginning Japanese I

This introductory Japanese language course focuses on the four basic linguistic skills of listening, speaking, reading, and writing. Students learn typical daily vocabulary and are introduced to Japanese culture through the language. Students learn two phonetic alphabets, hiragana and katakana, as well as approximately 60 kanji (Chinese characters). This course is designed for students who have no prior knowledge of the Japanese language. It is not open to native speakers. Permission of the instructor is required for students who have completed Grade 10 Japanese or equivalent courses, or who have at least one Japanese speaking parent.

Times, Section, & CRN: *Monday, Wednesday 4:00 pm - 5:20 pm – A1 – 50490*

Instructor: *Ami Hagiwara*

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR INTS 121-3 Beginning Japanese I

Times, Section, & CRN: *Friday 10:00 am - 11:20 am – L1 – 50491*

Friday 11:30 am - 12:50 pm – L2 – 50492

INTS 171-3 Beginning French I

This introductory French language course focuses on the four basic linguistic skills of listening, speaking, reading and writing. Practice of good pronunciation is stressed. Students learn typical daily vocabulary and are introduced to French culture through the language. This course is designed for student who have no prior knowledge of the French language. It is not open to native speakers. Permission of instructor is required for students who have completed Grade 10 French or equivalent courses.

Schedule: Tuesday, Thursday 6:00 pm - 7:20 pm – A1 – 50494

Instructor: Gerald Chidiac

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR INTS 171-3 Beginning French I

Times, Section, & CRN: Wednesday 6:30 pm - 7:50 pm – L1 – 50495

Monday 6:30 pm - 7:50 pm – L2 – 50496

MATH 100-3 Calculus I

This course is an introduction to the calculus of one variable, primarily for majors and students in the sciences. Topics include functions of one variable; inverses; limits; continuity; the difference quotient and derivatives; rules for differentiation; differentiability; the mean value theorem; the differential; derivatives of trigonometric, logarithmic and exponential functions; l'Hôpital's rule; higher derivatives; extrema; curve sketching; Newton's method; antiderivatives; definite integrals; the fundamental theorem of calculus; integrals of elementary functions; area between curves; and applications of integration.

Prerequisite: Principles of Math 12 (67%) or Pre-Calculus 12 (67%) or MATH115 minimum grade of C-

Prerequisite course must be completed prior to the beginning of dual credit course.

Schedule: Monday, Wednesday, Friday 12:30 pm - 1:20 pm – A1 – 50514

OR Monday, Wednesday, Friday 1:30 pm - 2:20 pm – A2 – 50515

Instructor: Edward Dobrowolski

NOTE: There is a laboratory requirement for this course.

When students sign up for this lab component, their choice of lab must reflect their lecture section.

MATH 100-3, Section A1 – Linked labs: L1, L2, L3, L4, L5.

MATH 100-3, Section A2 – Linked labs: L6, L7, L8, L10.

CORRESPONDING LABORATORIES FOR MATH 100-3 Calculus I

Times, Section, & CRN: Wednesday 10:30 am - 11:50 am – L1 – 50516

Tuesday 10:30 am - 11:50 am – L2 – 50519

Wednesday 1:30 pm - 2:50 pm – L3 – 50520

Tuesday 9:30 am - 10:50 am – L4 – 50521

Thursday 1:00 pm - 2:20 pm – L5 – 50522

Thursday 4:00 pm - 5:20 pm – L6 – 50523

Thursday 4:30 pm - 5:50 pm – L7 – 50524

Wednesday 12:00 pm - 1:20 pm – L8 – 50525

Tuesday 3:30 pm - 4:50 pm – L10 – 50517

MATH 115-3 Precalculus

This course examines algebraic manipulation, solutions of algebraic equations, functions, inverses, graphing, and analytic geometry.

Prerequisite: Precalculus 11 (60%) or Foundations of Math 12 (73%) or India Math 10 (70%) or Principles of Math 11 (60%)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 1:30 pm - 2:20 pm

AND Tuesday 1:30 pm – 2:20 pm – A1 – 50527

Instructor: Jennifer Hyndman

MATH 150-3 Finite Mathematics for Business and Economics

This course is offered primarily for students in the School of Business and the Economics Program. The course covers functions and graphs, linear systems of equations, matrix notation and properties, matrix inversion, linear programming, sets, counting and probability, and an introduction to actuarial mathematics.

Prerequisite: MATH 115 Minimum Grade of C- or PreCalculus 12 (60%) or Principles of Math 12 (60%)

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 11:30 am – 12:20 pm – A1 – 50528

Instructor: Erin Beveridge

NREM 100-3 Field Skills

This course introduces contemporary and traditional field skills in the natural resources including field navigation, outdoor survival, plant and tree identification, basic natural resource measurements, use of GPS, and air photo interpretation. Extensive fieldwork is required.

Times, Section, & CRN: Tuesday, Thursday 1:30 pm - 2:20 pm – A1 – 50550

Instructor: TBA

NOTE: There is a laboratory requirement for this course (3 hour/week).

CORRESPONDING LABORATORIES FOR NREM 100-3 Field Skills

Times, Section, & CRN: Wednesday 8:30 am - 11:20 am – L1 – 50551

Tuesday 8:00 am - 10:50 am – L2 – 50552

NREM 110-3 Food, Agriculture and Society

In this course, students examine a range of choices, values, and uses associated with global and local food systems from social, economic, environmental, health, political and other perspectives. Students gain a broad understanding of how food and agriculture shape society and can contribute to a more sustainable future. Topics include global and local food systems with an emphasis on understanding the nature of current problems and exploring potential solutions.

Times, Section, & CRN: Wednesday 6:00 pm - 8:50 pm – A1 – 50553

Instructor: David Connell

OTRM 100-3 Foundations of Outdoor Recreation and Tourism

This course introduces the foundations of Recreation and Tourism from the perspective of both the natural and social science. Content includes the history and philosophy of the concept of leisure, the role of leisure, recreation and tourism in students' lives and Western culture, Recreation and Tourism in integrated resource management, and current delivery systems.

Times, Section, & CRN: Tuesday & Thursday 11:30 am - 12:50 pm – A1 – 50600

Instructor: Philip Mullins

PHYS 100-4 Physics for Life Sciences I

This course is the first part of an algebra-based introductory physics course sequence for majors in life and environmental sciences. Topics include physics and measurement, motion in one and two dimensions, Newton's laws of motion, energy, linear momentum and collisions, rotational motion and gravitation, rotational equilibrium and dynamics, fluids and solids, and elements of thermal physics.

Prerequisite: Physics 11 (50%) or Physics 12 (50%) or PHYS115 minimum grade of D-

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 9:30 am - 10:20 am – A1 – 50611

Instructor: Meghan Costello

NOTE: There is a laboratory requirement for this course (3 hour/week).

CORRESPONDING LABORATORIES FOR PHYS 100-4 Physics for Life Sciences I

Times, Section, & CRN: Thursday 8:00 am - 10:50 am – L1 – 50612

Tuesday 11:30 am - 2:20 pm – L2 – 50613

Tuesday 3:00 pm - 5:50 pm – L3 – 50614

Tuesday 6:30 pm - 9:20 pm – L4 – 50615

Wednesday 3:00 pm - 5:50 pm – L5 – 50616

PHYS 110-4 Introductory Physics I: Mechanics

This course is the first part of the calculus-based physics sequence for majors in physical and mathematical sciences. Topics include vectors, measurement, motion in one and two dimensions, the laws of motion, application of Newton's laws, work and energy, potential energy, conservation of energy, linear momentum and collisions, rotation of rigid bodies, rolling motion, angular momentum, static equilibrium, and elasticity.

Prerequisite: Physics 12 (50%) or PHYS 115 minimum grade of D- **AND**

Principle of Math 12(50%) or Precalculus 12(50%) or MATH 115 minimum grade of D- **AND**

MATH 100 minimum grade of D- or MATH 105 minimum grade of D-

Prerequisite course must be completed prior to the beginning of dual credit course.

Times, Section, & CRN: Monday, Wednesday, Friday 9:30 am - 10:20 am – A1 – 50617

Instructor: Matt Reid

NOTE: There is a laboratory requirement for this course (3 hour/week).

CORRESPONDING LABORATORIES FOR PHYS 110-4 Introductory Physics I: Mechanics

Times, Section, & CRN: Thursday 8:00 am - 10:50 am – L1 – 50618

Tuesday 11:30 am - 2:20 pm – L2 – 50619

Tuesday 3:00 pm - 5:50 pm – L3 – 50620

Tuesday 6:30 pm - 9:20 pm – L4 – 50621

Wednesday 3:00 pm - 5:50 pm – L5 – 50622

PHYS 115-4 General Introduction to Physics

This is an algebra-based introductory physics course for students without Grade 12 Physics. Topics include physics and measurement, the laws of motion and their applications, circular motion, work and energy, electric field, electric potential, DC circuits, magnetic fields and magnetic forces. Students with credit in Physics 12 require permission of the Program Chair.

Times, Section, & CRN: Monday, Wednesday, Friday 1:30 pm - 2:20 pm – A1 – 50623

Instructor: Ian Hartley

NOTE: There is a laboratory requirement for this course (3 hour/week).

CORRESPONDING LABORATORIES FOR PHYS 115-4 General Introduction to Physics

Times, Section, & CRN: Thursday 11:30 am - 2:20 pm – L1 – 50624

Thursday 11:30 am - 2:20 pm – L2 – 50625

Monday 2:30 pm - 5:20 pm – L3 – 50626

Monday 2:30 pm - 5:20 pm – L4 – 50627

POLS 100-3 Contemporary Political Issues

An introduction to the basic concepts of political science through an examination of contemporary political issues: local, provincial, national and international.

Times, Section, & CRN: Monday, Wednesday 11:30 am - 12:50 pm – A1 – 50639

Instructor: Jason Lacharite

NOTE: There is a tutorial requirement for this course.

CORRESPONDING TUTORIALS FOR POLS 100-3 Contemporary Political Issues

Times, Section, & CRN: Tuesday 11:30 am - 12:20 pm – T1 – 50640
Monday 10:30 am - 11:20 am – T2 – 50641
Monday 1:30 pm - 2:20 pm – T3 – 50642
Tuesday 10:30 am - 11:20 am – T4 – 50643

PSYC 101-3 Introduction to Psychology I

This course provides an introduction to the science of psychology. Topics may include the following: scientific thinking and research methods; biological psychology; sensation and perception; consciousness; the unconscious; learning; memory; language; and evolutionary psychology.

Times, Section, & CRN: Tuesday, Thursday 4:00 pm - 5:20 pm – A1 – 50657
Instructor: Nick Reid

WMST 100-3 Introduction to Women's Studies

A study of past and present women's positions in and contributions to society from a multidisciplinary perspective. Specific topics, with a focus on western society, will include a historical overview of politics, law and the family, productive roles, health and illness, science, culture and philosophy.

Times, Section, & CRN: Tuesday, Thursday 11:30 am - 12:50 pm – A1 – 50738
Instructor: Anita Shaw