

University of Northern British Columbia Dual Credit Initiative

Winter 2026 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 – 10001*

Instructor: TBA

ASTR 121-3 Introduction to Astronomy II: The Universe

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 120-3. Topics include: the origins of stars and planetary systems; the sun; properties and structures of stars; stellar interiors; the evolution of stars; stellar remnants; white dwarfs; neutron stars; black holes, worm holes and warped spacetime; the Milky Way; the universe of galaxies; distance scales and indicators; active galaxies and quasars; cosmology: past, present, and future of the universe, “Is ‘Anyone’ Out There?”. ASTR 121 and ASTR 120 may be taken in either order.

Prerequisite: Foundations of Math 11 (50%) or Principles of Math 11 (50%) or Precalculus 11 (50%) or Principles of Math 12 or PreCalculus 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 – 10015*

Instructor: Erik Jensen

BIOL 104-3 Introductory Biology II

This lecture-based course is a survey of living organisms, plant and animal form and function, ecology and population biology.

Prerequisite: Biology 11 or Biology 12 (50%) or Biology 103 (D-)

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 – 10031*

OR *Monday, Wednesday, & Friday 11:30 am - 12:20 pm – A1 – 10032*

Instructor: Roy Rea

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

BIOL 124-1 Introductory Biology II Lab

This laboratory-based course introduces students to plant and animal diversity, form and function and ecological relationships among organisms, closely following the lecture organization in BIOL 104-3. Students normally take this course concurrently with BIOL 104-3 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 – 10033

Tuesday, 11:30 am - 2:20 pm – L3 – 10035

Thursday, 11:30 am - 2:20 pm – L4 – 10036

Tuesday, 3:00 pm - 5:50 pm – L6 – 10037

Thursday, 8:00 am - 10:50 am – L7 – 10038

Instructor: Saphida Migabo

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 9:30 am - 10:20 am – A1 – 10082

Instructor: Nikhil Aravindakshan

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 enroll in CHEM 121-1 concurrently.

Prerequisite: CHEM 100 (D-) and Principles of Math 12 or Precalculus 12 (50%) or MATH 115 (D-)

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 – 10083

Instructor: Todd Whitcombe

Note: Students may register in the corresponding CHEM 121-1 lab; however, it is not required

CHEM 121-1 General Chemistry Laboratory II

A laboratory half-course designed to accompany CHEM 101-3 and introduce basic chemistry laboratory procedures. Experiments will be performed which complement the material presented in CHEM 101-3.

Prerequisite: CHEM 120-1 (D-) and CHEM 101 (D-)

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

Times, Section, & CRN: Tuesday, 8:00 am - 10:50 am – L1 – 10084
Tuesday, 11:30 am - 2:20 pm – L2 – 10085
Tuesday, 3:00 pm - 5:50 pm – L3 – 10086
Thursday, 11:30 am - 2:20 pm – L4 – 10087
Thursday, 3:00 pm - 5:50 pm – L5 – 10088
Thursday, 8:00 am - 10:50 am – L6 – 10089

Instructor: Umesh Parshotam

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. This course includes the challenges and opportunities facing small business.

Times, Section, & CRN: Tuesday 6:00 pm - 8:50 pm – A1 – 10124
OR Tuesday, Thursday 08:30 am - 09:50 am – A2 – 10125

Instructor: Charles Scott or Julius Bankole

COMM 170-3 Fundamentals of Environmental, Social, and Governance

This course introduces students to the concept of ESG (environmental, social, and governance) issues and the diverse ways environmental, social, and economic sustainability are understood. The knowledge and skills taught in this class borrow from ecology, economics, environmental sciences, psychology, and management disciplines. Students are also exposed to sustainable actions that they can do in their everyday lives. This course lays the foundation for more advanced courses that cover the ideation, design, and implementation of ESG in practice.

Times, Section, & CRN: Monday, Wednesday, 11:30 am - 12:50 pm – A1 – 10126

Instructor: Jaspreet Sra

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.

Prerequisite: Precalculus 12 (50%) or MATH 115 (D-)

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

Times, Section, & CRN: Tuesday, Thursday 08:30 am - 09:50 am – A1 - 10185

Instructor: Waqar Haque

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

LABS

Times, Section, & CRN: Thursday 12:30 pm - 1:50 pm – L1 – 10186

Friday 2:30 pm - 3:50 pm – L2 – 10187

Friday 12:30 pm - 1:50 pm – L3 – 10188

Tuesday 11:30 am - 12:50 pm – L4 – 10189

TUTORIALS

Times, Section, & CRN: Monday 2:30 pm - 3:50 pm – T1 – 10190

Thursday 8:30 am - 9:50 am – T2 – 10191

CPSC 110-3 Introduction to Computer Systems and Programming

The course provides an introduction to computer systems and programming, concepts in computer architecture including the central processing unit, buses, memory units, input/output and communication devices. The introduction to operating systems emphasizes the file system and program development utilities. Programming concepts and techniques include problem analysis, program design, coding, and testing, as well as language elements such as data types, variables and assignment statements, expressions, mixed-mode arithmetic, input/output operations, basic data structures and control structures, procedures and abstract data types. Basic database management concepts will also be introduced. Students will develop small applications programs.

Prerequisite: PreCalculus 12 (50%) or MATH 115 Minimum Grade of C-

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

Times, Section, & CRN: Monday, Wednesday & Friday 8:30 am - 9:20 am – A1 - 10199

Instructor: Fan Jiang

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

LABS

Times, Section, & CRN: Thursday 4:00 pm - 5:20 pm – L1 – 10193

Thursday 2:30 pm - 3:50 pm – L2 – 10194

Friday 4:00 pm - 5:20 pm – L3 – 10195

Monday 2:30 pm - 3:50 pm – L4 – 10196

Monday 1:00 pm - 2:20 pm – L5 – 10196

TUTORIALS

Times, Section, & CRN: Tuesday 10:00 am - 11:20 am – T1 – 10205

Monday 4:30 pm - 5:50 pm – T2 – 10206

CPSC 141-3 Discrete Computational Mathematics

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: PreCalculus 12 (50%) or MATH 115 Minimum Grade of C-

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

Times, Section, & CRN: Tuesday, Thursday 10:00 am - 11:20 am – A1 – 10207

Instructor: Liang Chen

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: Monday, Wednesday 02:30 pm - 03:50 pm – A1 – 10237

Instructor: Liam Kelly

ECON 101-3 Macroeconomics

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

Times, Section, & CRN: Tuesday, Thursday 11:30 am - 12:50 pm – A1 – 10238

Instructor: Muhebullah Karimzada

ENGL 100-3 Introduction 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 11:30 am - 12:50 pm – A1 – 10282

Instructor: Taylor Morphet

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, Wednesday 8:30 am - 9:50 am – A1 – 10283

Instructor: Kevin Hutchings

OR

Times, Section, & CRN: Tuesday, Thursday 1:00 pm - 2:20 pm – A2 – 10284

Instructor: Taylor Morphet

OR

Times, Section, & CRN: Tuesday, Thursday 9:00 am - 10:20 am – A3 – 10285

Instructor: Taylor Morphet

OR

Times, Section, & CRN: Monday 6:00 pm - 8:50 pm – A4 – 10286 (Online delivery)

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 contact with Europeans.

Times, Section, & CRN: Monday, Wednesday, Friday 04:30 pm - 05:20 pm – A1 – 10373

Instructor: Daniel Sims

FNST 134-3 Dakelh / Carrier Language: Level 2

This course develops reading, writing, and speaking skills in the Dakelh / Carrier language.

Prerequisite: FNST 133 with a minimum of D-

Times, Section, & CRN: Tuesday, Thursday 6:00 pm - 07:20 pm – A1 – 10374 (Online Delivery)

Instructor: TBA

GEOG 102-3 Earth from Above

This course explores the earth from above, through the eyes of satellites, aircraft, and drones. We have the unique ability to see our planet from different angles and perspectives. When viewed from above, patterns, processes, systems, and human/environmental change on the surface of the planet become highly visible. This course is delivered through lectures and in-class tutorials. Topics include: oceans, rivers, and lakes; landscapes, mountains, and snow and ice; forests and ecosystems; weather and climate; and urban and industrial activity.

Times, Section, & CRN: Monday & Wednesday 3:30 pm - 4:50 pm – A1 – 10388

OR Monday, Wednesday 3:30 pm - 4:50 pm – A1 – 10389 (Online Delivery)

Instructor: Adam Hawkins

HHSC 102-3 Introduction to Health Sciences II: Rural and Aboriginal Issues

Introduction to Health Sciences II: Rural and Aboriginal Issues. This course will provide an overview of individual and population health, health care systems, legislation, and the roles of the various health care professions in rural and aboriginal communities. Models of interdisciplinary cooperation, models of community health, and ethical issues are also covered.

Times, Section, & CRN: Monday, Wednesday 12:30 pm - 1:50 pm – A1 – 10418

Instructor: Mamdouh Shubair

Note: Some seats in this section are reserved for Health Science majors.

HHSC 103-3 Health Care Systems

This course examines health care systems from a public versus private perspective and explores how various systems impact the health and well-being of patients.

Times, Section, & CRN: Monday, Wednesday 8:30 am - 9:50 am – A1 – 10419

Instructor: TBA

Note: Some seats in this section are reserved for Health Science majors.

HHSC 105-3 Functional Anatomy

This introductory anatomy course provides a macroscopic examination of the human body. Lecture topics include musculoskeletal system and mobility, major organ systems including cardiovascular, digestive and neurological, with emphasis on how these systems integrate for body function. A laboratory component is included. This course is appropriate for students who intend to enter health profession fields.

Prerequisite: Biology 12 and (Chemistry 11 (50%) or Chemistry 12 (50%))

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

Times, Section, & CRN: Monday, Wednesday 02:30 pm - 03:50 pm – A1 – 10420

Instructor: Farnaz Gooya

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR HHSC 105-3 Functional Anatomy

Times, Section, & CRN: Tuesday 1:00 pm - 2:20 pm – L1 – 10421

Monday 4:00 pm - 5:20 pm – L2 – 10422

Tuesday 2:30 pm - 3:50 pm – L3 – 10423

Wednesday 1:00 pm - 2:20 pm – L4 – 10424

Thursday 1:00 pm - 2:20 pm – L5 – 10425

HIST 191-3 World History Since 1550

This course examines the history of the world from the mid-sixteenth century through the end of the twentieth. The global movement of people, ideas, and economic practices receives particular attention, as do processes of imperialism and colonialism. Students are also introduced to the discipline of History and to the skills of document analysis, historical writing, and primary source research.

Times, Section, & CRN: Monday, Wednesday 10:30 am - 11:20 am – A1 – 10443

Instructor: Sara Farhan

NOTE: There is a tutorial requirement for this course.

CORRESPONDING TUTORIALS FOR HIST 191-3 World History to 1550

Times, Section, & CRN: Monday 11:30 am - 12:20 pm – T1 – 10444

Wednesday 11:30 am - 12:20 pm – T2 – 10445

Tuesday 4:00 pm - 4:50 pm – T3 – 10446

Thursday 3:30 pm - 4:20 pm – T4 – 10447

INTS 122-3 Beginning Japanese II

INTS 122-3 is a continuation of INTS 121-3. Students continue to develop their Japanese language skills in listening, speaking, reading, and writing. They are also given a deeper introduction to Japanese culture. This course is more grammar intensive than INTS 121-3, strengthening the foundations set up in that course. Sixty additional kanji are introduced (for a cumulative total of 120). This course is not open to native speakers. Students must achieve a minimum grade of C in INTS 121-3 or obtain permission of the instructor to continue. Permission of the instructor is also required for students who have completed Grade 11 Japanese, or who have prior knowledge of Japanese or who have at least one Japanese speaking parent.

Prerequisite: INTS 121 (C)

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

Times, Section, & CRN: Tuesday & Thursday 11:30 am - 12:50 pm – A1 – 10472

Instructor: Ami Hagiwara

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR INTS 122-3 Beginning Japanese II

Times, Section, & CRN: Friday 10:00 am - 11:20 am – L1 – 10473

Friday 8:30 am - 9:50 pm – L2 – 10474

INTS 172-3 Beginning French II

INTS 172 is a continuation of INTS 171. Communication abilities continue to be emphasized, along with application of grammatical rules in short compositions. Students acquire a deeper knowledge of the French culture. This course is not open to native speakers. Students must achieve a minimum grade of C in INTS 171, or obtain permission of instructor to continue. Permission of instructor is required for students who have completed grade 11 French, or some French immersion education.

Prerequisite: INTS 171 (C)

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

Times, Section, & CRN: Tuesday, Thursday 6:00 pm-7:20 pm – A1 – 10475

Instructor: Gerald Chidiac

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR INTS 172-3 Beginning French II

Times, Section, & CRN: Wednesday 6:30 pm - 7:50 pm – L1 – 10476

Monday 6:30 pm - 7:50 pm – L2 – 10477

MATH 100-3 Calculus I

This course is an introduction to the calculus of one variable, primarily for majors and students in the sciences. Functions of one variable, rules for differentiation, differentiability, the mean value theorem, the differential as a linear functional, L'Hopital's rule, Newton's method, area between curves, applications of Integration and integration by substitution are discussed. All sections of this course are taught using Maple software.

Prerequisite: Principles of Math 12 or Precalculus 12 (67%) or MATH 115 Minimum Grade of C-

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

Times, Section, & CRN: Monday, Wednesday, Friday 5:30 pm - 6:20 pm – A1 - 10496

Instructor: Chunyi Gai

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR MATH 100-3 Calculus I

Times, Section, & CRN: Tuesday 11:00 am - 12:20 pm – L1 – 10497

Tuesday 12:30 pm - 1:50 pm – L2 – 10498

MATH 101-3 Calculus II

This course is a continuation of Math 100. Areas of study include the definition of the natural logarithm as an integral and of the exponential function as its inverse, integration by parts, miscellaneous techniques of integration, improper integrals, volumes by slicing and by shell techniques, the trapezoidal rule and Simpson's rule, infinite sequences and series, Taylor series, masses, volumes, moments, centre of mass, first order linear differential equations, definition of partial derivatives. All sections of this course are taught using Maple software.

Prerequisite: MATH 100 (C-) or MATH 105 Minimum Grade of C-

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

Schedule: Monday, Wednesday & Friday 1:30 pm - 2:20 pm – A1 – 10502

Instructor: Mohammad El Smaily

NOTE: There is a laboratory requirement for this course.

CORRESPONDING LABORATORIES FOR MATH 101-3 Calculus II

Times, Section, & CRN: Thursday 10:30 am - 11:20 am – L1 – 10503

Thursday 11:30 am - 12:20 am – L2 – 10504

Thursday 9:30 am - 10:20 am – L3 – 10505

Thursday 2:30 pm - 3:20 pm – L7 – 10507

Wednesday 2:30 pm - 3:20 pm – L8 – 10508

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 – A1 – 10509

Instructor: Jennifer Hyndman

NOTE: Lab requirement for this course (1 hour/week) is offered on Tuesday at 10:30 am – 11:20 am

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 Principles of Math 12 or Precalculus 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 – 10510

Instructor: Erin Beveridge

MATH 152-3 Calculus for Non-majors

Limits, the derivative, techniques of differentiation, exponential functions and exponential growth, maxima and minima, curve sketching, first order linear differential equations, definite and indefinite integrals, partial derivatives, optimization of functions of several variables, Lagrange multipliers, with applications in the social and physical sciences. Applications may vary somewhat from section to section, depending on student's discipline. Not open to mathematics or computer science majors.

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

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 – A1 – 10511

Instructor: Erin Beveridge

MATH 190-4 Math for Elementary Educators

This course develops an understanding of mathematical concepts and relationships used in the elementary school curriculum. The content focus is on numbers and number systems, patterns and relationships, shapes and space, and statistics and probability. Problem solving and deductive reasoning are stressed throughout the course. Students who have taken MATH 100, MATH 105, MATH 152 or equivalent require permission of the Chair.

Prerequisite: Foundations of Math 11 or Precalculus 11 (60%)

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

Times, Section, & CRN: Wednesday, Friday 10:00 am - 11:20 am – A1 – 10511

Instructor: TBA

NOTE: Lab requirement for this course (1 hour/week) is offered on Mondays at 3:30 pm - 4:20 pm.

NREM 101-3 Introduction to Natural Resources Management and Conservation

This course introduces past, present and future issues in natural resources management and conservation. Guest speakers share their professional experiences working in various fields of natural resources management. Students learn to think critically about the multidisciplinary nature of resource management and they provide solutions to complex, real-world problems.

Times, Section, & CRN: Tuesday & Thursday 01:00 pm - 02:20 pm – A1 – 10534

Instructor: Jonathan Cale

NRES 100-3 Communications in Natural Resources and Environmental Studies

This course will provide a basic understanding of human behavioural responses as well as develop learning skills in oral and written communications. Emphasis will be on determining the nature of an audience, accessing appropriate material, report writing, oral presentation and literature relevant to natural resources and environmental disciplines.

Times, Section, & CRN: Tuesday & Thursday 10:00 am - 11:20 am – A1 – 10539

OR Monday & Wednesday 8:30 am - 9:50 am – A2 – 10540

Instructor: Ian Hartley or TBA

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: PHYS 115 Minimum Grade of D- or Physics 11 or Physics 12 (50%)

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

Times, Section, & CRN: Monday, Wednesday & Friday 8:30 am - 9:20 am – A1 – 10591

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 11:30 am - 2:20 pm – L1 – 10592

Thursday 6:00 pm - 8:50 pm – L2 – 10593

Friday 11:30 am - 2:20 pm – L3 – 10594

PHYS 101-4 Physics for Life Sciences II

This course is the second part of an algebra-based introductory physics course sequence for majors in life and environmental sciences. Topics include oscillations and waves, sound, electric forces and fields, electrical energy and capacitance, current and resistance, direct-current circuits, magnetism, electromagnetic induction, reflection and refraction of light, mirrors and lenses, and elements of modern physics.

Prerequisite: PHYS 100 or PHYS 110 (D-)

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

Times, Section, & CRN: Monday, Wednesday & Friday 8:30 am - 9:20 am – A1 – 10596

Instructor: TBA

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

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

Times, Section, & CRN: Monday 3:00 pm - 5:50 pm – L1 – 10597

Monday 6:30 pm - 9:20 pm – L2 – 10598

Tuesday 8:00 am - 10:50 am – L3 – 10599

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: Tuesday, Thursday 1:00 pm - 2:20 pm – A1 – 10616

Instructor: Jason Lacharite

NOTE: There is a tutorial requirement for this course.

CORRESPONDING TUTORIALS FOR POLS 100-3 Contemporary Political Issues

Times, Section, & CRN: Thursday 10:30 am - 11:20 am – T1 – 10617

Monday 11:30 am - 12:20 pm – T2 – 10618

Wednesday 11:30 am - 12:20 pm – T3 – 10619

Tuesday 8:30 am - 9:20 am – T4 – 10620

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: Monday & Wednesday 08:30 am - 09:50 am – A1 – 10637

Instructor: Nick Reid

PSYC 102-3 Introduction to Psychology II

This course provides a further introduction to the science of psychology. Topics may include the following: intelligence; human development; emotion and motivation; stress; coping; health; social psychology; personality; and psychological disorders and interventions.

Prerequisite: PSYC 101 (D-)

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

Times, Section, & CRN: Monday, Wednesday & Friday 8:30 am - 9:20 am – A1 – 10638

Instructor: Christopher Kowalski

STAT 100-3 Statistical Reasoning for Everyday Life

This course is an introduction to the role random chance plays in our life, and how to evaluate statistical evidence in support of the assessment of risk, decision-making or discovering new knowledge. Students gain a working knowledge of the framework of statistical reasoning and apply graphical techniques to assess variability. Students learn to assess the strength and validity of a statistical argument and learn to develop a statistical reasoning framework in simple situations. Example situations include lotteries, political polls, risk, incorporating prior knowledge and meeting your long-lost relative in an airport. This course requires no mathematical background and is accessible to students in any discipline.

Times, Section, & CRN: Monday, Wednesday 2:00 pm - 3:20 pm – A1 – 10693

Instructor: TBA

WMST 103-3 Introduction to Gender Studies

This course explores the ways in which human beings think about and structure gender. Topics include ideologies of masculinity and femininity, gender and psychology, gendered language, the relationship between gender and sexuality, and gender in popular culture and media.

Schedule: Tuesday & Thursday 4:00 pm - 5:20 pm – A1 – 10707

Instructor: Anita Shaw