

WINTER 2025 - CREDIT COURSE SCHEDULE

HIVER 2025 - HORAIRES DES COURS DE CRÉDIT

ANTHROPOLOGY

Introduction to Anthropology

381-1N1-DW | 45 hours

No prerequisite

Section 03001 Monday 18:30 – 21:30

This course is designed to introduce the students to the social science of anthropology. There are four fields of anthropology which help to explain the behaviour of peoples all over the world. The study of these fields will allow the students to learn about the origins and development of human beings in the context of their physical and cultural environments. Students will explore contemporary issues through an anthropological lens. The course will provide the student with the necessary knowledge to pursue more specific or advanced courses in anthropology at either the CEGEP or university level.

BIOLOGY

Behavioural Biology (Social Science)

101-B11-DW | 45 hours

No prerequisite

Section 03001 Wednesday 18:30 – 20:00, Wednesday Lab 20:00 – 21:30

Section 03002 Monday 18:30 – 20:00, Monday Lab 20:00 – 21:30

This course introduces Social Science students to the human body from an anatomical, physiological, and behavioural perspective. Students will gain an understanding of the function of cells and how they communicate with each other allowing us to respond to stimuli and maintain health. Emphasis will be on the role of endocrine and nervous-regulated physiological mechanisms and their impact on behaviour. The influence of genetic inheritance on the expression of various physical and behavioural traits will also be explored. The course will consist of lectures, labs, and other learning activities.

Please note: This is a Social Science option course. It cannot be applied to a Science DEC.

Ecology and Evolution

101-SN2-RE | 45 hours

No prerequisite

Section 03001 Saturday 9:00 – 10:30, Saturday Lab 10:30 – 12:00

Section 03002 Tuesday 18:30 – 20:00, Tuesday Lab 20:00 – 21:30

Section 03003 Thursday 18:30 – 20:00, Thursday Lab 20:00 – 21:30 (on reserve)

In this course, students will learn to recognize the characteristics of life, describe how evolution gave rise to diversity, and explain the similarities shared among different life forms. The main groups of organisms will be discussed in terms of their trophic level and ecological importance. Additionally, the structure of ecosystems and flow of chemicals through the environment will be covered. The course will address the impact of human activities on biodiversity and biogeochemical cycles. Labs and/or other activities will complement and further explore topics covered in lectures. Furthermore, students will be required to apply the scientific method to acquire and analyze data. *Text: Reece et al., Campbell Biology, 4th Canadian ed., Pearson. Approx. \$120 (eBook)*

General Biology II

101-BZE-05 | 75 hours

Prerequisite: General Biology I 101-NYA

Recommended: Organic Chemistry 202-BZF

Section 03001 Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00

Section 03002 Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00 (on reserve)

This is a required course for pre-university Health Science students and for Pure and Applied Science students planning to enter biological sciences at university. Topics in biochemistry, cell function, major metabolic processes, and molecular genetics will be covered. Examples of regulation by hormonal control mechanisms will be examined to highlight the maintenance of homeostasis. Laboratory exercises make use of computerized data collection techniques, and are used to complement appropriate lecture material. *Text: Reece et al., Campbell Biology, 3rd Canadian ed., Pearson. Approx. \$200 (eBook \$120)*

BUSINESS ADMINISTRATION

Introduction to Business

401-1N1-DW | 45 hours

No prerequisite

Section 03001 Thursday 18:00 – 21:00

Section 03002 Wednesday 18:00 – 21:00

Section 03003 Monday 18:00 – 21:00 (on reserve)

Students who have passed an Introduction to Business course under a different course number should check with an Academic Advisor before registering for this course. This course is designed to provide students with an introductory overview of business by exploring the primary business functions and activities performed by companies and small businesses (marketing, accounting, management, leadership, etc.), by identifying the major influences and trends affecting business decisions (internal and external), and by recognizing the different stakeholders (owners/shareholders, managers, employees, customers, society) that are affected by business. Overall, students will not only acquire business vocabulary and relate business principles to their daily lives and workplace but will also develop an essential appreciation of the significant role that business plays in society as a whole.

Applications in Marketing

401-A03-DW | 45 hours

Prerequisite: Introduction to Business 401-1N1

Section 03001 Tuesday 18:00 – 21:00

This analysis course presents fundamental elements of Marketing in a Business context. Topics covered include how product and services are created, prices are determined, products are distributed in stores, on-line and other means, products are promoted to consumers and how consumers make purchasing decisions. The topics are contextualised in today's economic, political, socio-demographic, technological and competitive business environments. The course uses cases and situational problems to advance students' analytical abilities.

CHEMISTRY

The sequence of courses for the new Science program 200.PC is 202-001, 202-SN1, 202-SN2 and 202-SNU. The sequence of courses for the old Science program 200.BC is 202-001-RE, 202-NYA-05, 202-NYB-05 and 202-BZF-05. Students with no chemistry background must take Remedial Activities for Secondary IV Environmental Science and Technology (105-003-RE). See the chart on page 34.

Remedial Activities for Secondary V Chemistry

202-001-RE | 75 hours

Prerequisite: High School Science 558-404 or 558-402 or Physical Science 436 or CEGEP 105-003 or equivalent

Recommended: High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or Math 436 or 526 or CEGEP Math 201-016 or equivalent prior to this course.

Section 03001 Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00

Section 03002 Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00

Section 03003 Tues. & Thurs. 17:30 – 19:00, Tuesday Lab (10 weeks) 19:00 – 22:00

Section 03004 Tues. & Thurs. 17:30 – 19:00, Thursday Lab (10 weeks) 19:00 – 22:00

Section 03005 Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00

Section 03006 Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00 (on reserve)

This course is required for all science students who have either not taken, or have not passed, High School Chemistry course 551-504. Emphasis is on chemical problem solving, formulas and equations, in preparation for Chemistry 202-NYA-05. Topics include metric units and unit conversion, dimensional analysis, mass and energy, mole conversions, gas laws, chemical nomenclature, types of chemical reactions and stoichiometry (including solution stoichiometry). *Text: Zumdahl. Introductory Chemistry, 2nd Custom ed., Cengage. eBook approx. \$88.* Lab manual may need to be purchased for approximately \$20.

Note: This course prepares students for college-level chemistry and does not count towards graduation.

General Chemistry

202-SN1-RE | 75 hours

Prerequisite: High School Chemistry 504 or 534 or CEGEP Chemistry 202-001 or equivalent

Recommended: High School Mathematics 506 or 536 or equivalent e.g., CEGEP Mathematics 201-015 prior to this course.

Section 03001 Mon. & Wed. 17:30 – 19:00, Wednesday Lab (10 weeks) 19:00 – 22:00

Section 03002 Mon. & Wed. 17:30 – 19:00, Monday Lab (10 weeks) 19:00 – 22:00

Section 03003 Tues. & Thurs. 17:30 – 19:00, Tuesday Lab (10 weeks) 19:00 – 22:00

Section 03004 Tues. & Thurs. 17:30 – 19:00, Thursday Lab (10 weeks) 19:00 – 22:00 (on reserve)

This course is required for all students in pre-university Science. Topics include the basic theories of atoms, bonding and the states of matter; a brief review of stoichiometry and chemical nomenclature. Emphasis will be placed on the role of the periodic table in predicting properties and on the nature of the covalent bond. Some discussion of quantum theory, hydrogen-bonding and phase changes will also be introduced. *Text: Zumdahl and Zumdahl. Chemistry, 11th ed., Cengage. Approx. \$170, online study guide and solutions manual approx. \$28 (eBook consisting of text, online study guide and solutions manual \$105).* Lab manual may need to be purchased for approximately \$15.

Chemistry of Solutions

202-NYB-05 | 75 hours

Prerequisite: Chemistry 202-NYA

Recommended: Calculus I 201-NYA

Section 03001 Saturday 9:00 – 12:00, Saturday Lab (10 weeks) 12:00 – 15:00

Section 03002 Saturday 9:00 – 12:00, Saturday Lab (10 weeks) 12:00 – 15:00 (on reserve)

The concepts and calculations studied in this course are those associated with chemical equilibrium, especially the aqueous solutions. Topics include solution concentrations, kinetics and equilibrium, pH, buffer solutions, solubility product, colligative properties, and free energy. A strong emphasis is placed on computer-based laboratory techniques. *Text: Zumdahl and Zumdahl. Chemistry, 10th ed., Cengage. Approx. \$170, online study guide and solutions manual approx. \$28 (eBook consisting of text, online study guide and solutions manual \$105).* Lab manual may need to be purchased for approximately \$15.

Organic Chemistry I

202-BZF-05 | 75 hours

Prerequisite: Chemistry 202-NYA

Corequisite: Chemistry of Solutions 202-NYB

Recommended: High School Mathematics 506 or 536 or equivalent e.g., CEGEP Math 201-015

Section 03001 Tues. & Thurs. 17:30 – 19:00, Thursday Lab (10 weeks) 19:00 – 22:00

Section 03002 Tues. & Thurs. 17:30 – 19:00, Tuesday Lab (10 weeks) 19:00 – 22:00 (on reserve)

Chemistry I provides students with 1) basic knowledge of hydrocarbons, their classes and reactions, and 2) basic experimental skills in performing organic chemistry experiments, allowing the students to acquire skills to fulfill the competencies: to solve simple problems in organic chemistry and to apply the experimental method in a scientific field. *Text: Bruice, Paula Y. Organic Chemistry, 8th ed. Pearson. Approx. 90\$ for the hardcover textbook. Molecular model kit \$30.* Lab manual may need to be purchased for approximately \$15.

CINEMA/COMMUNICATIONS

Cinema Styles

530-916-DW | 45 hours

No prerequisite

Section 03001 Monday 18:30 – 21:30

Section 03002 Wednesday 18:30 – 21:30

This introductory film course will expose students to the language of cinema through a variety of film forms, genres and styles. The class will examine contemporary and historical works notable for their aesthetic approach and storytelling techniques as well as their unique treatment of social realities. Learning activities may include screenings, analysis, written assignments and oral presentations, group and/or individual projects and tests.

COMPUTER SCIENCE

Web Site Creation

420-BXC-03 | 45 hours

No prerequisite

Section 03001 Tuesday 18:30 – 21:30

Students will learn to use HTML, CSS, and web development tools to design and develop publishable websites containing a variety of media permissible for use on the Internet. The role of web browsers, servers, and domains will be explored to expand students' knowledge of the websites they interact with and use every day. **Any Science program planning to take Introduction to Computer Programming in Engineering Science (360-420-DW) as a Science option must not take any Computer Science complementary course such as 420-BWC or 420-BXC.

Programming in Science

420-SN1-RE | 45 hours

Prerequisite: One (1) of the following: Secondary 5 Chemistry OR Secondary 5 TS/SN Math OR Secondary 5 Physics

Section 03001 Friday 18:00 – 21:00

This course will introduce students to the basic building blocks (sequential, conditional, and repetitive control structures), modules (functions and libraries) and basic data types and structures used to write a software program. The students will learn how to analyze problems encountered in a scientific context, and then design, implement, and test algorithms.

CREATIVE WRITING

Creative Writing

603-916-DW | 60 hours

No prerequisite

Section 03001 Monday 18:00 – 22:00

Please note: This course is not one of the four General Education English courses but may be applied to the ALC program.

This course gives students the opportunity to practice writing techniques used in a variety of genres. Attention is given to developing students' sense of craft through study, writing exercises, and critique. Other learning activities may include lectures, readings, discussions, presentations, editing practice, and evaluation or self-evaluation exercises. Through reading, listening, discussion, and practice, students gain awareness of the tools of creative writers and the skills to use them in their own work. To this end, the study of poetics constitutes part of the course. Carefully reading and responding to others' work are also components of the course. Revising and editing are essential activities for the writing assignments. At the end of the course, students submit a portfolio of work developed during the term.

ECONOMICS

Introduction to Economics

383-1N1-DW | 45 hours

No prerequisite

Section 03001 Wednesday 18:30 – 21:30

Section 03002 Thursday 18:30 – 21:30

Section 03003 Friday 18:30 – 21:30

Section 03004 Monday 18:30 – 21:30 (on reserve)

The course introduces students to resource allocation under constraints, economic systems, the great economic thinkers, the different schools of thought, and the major approaches in economics. Students will recognize basic economic concepts, theories, and models, and recognize their limitations. Applying different perspectives and relying on current and historical data, students will discuss the main economic problems facing Canada and Quebec in a global context, such as climate change, inflation, poverty, globalization, recessions, unemployment, income inequality, and other selected problems. In this course, students will describe how governments use fiscal, monetary, and trade policies to reduce domestic economic problems. They will recognize the economic consequences of economic policies and critically discuss economic information reported in the news media. Students will apply the knowledge, skills, and values they have developed in the course to examine a selected problem.

Microeconomics

383-A03-DW | 45 hours

Prerequisite: Introduction to Economics 383-1N1

Section 03001 Thursday 18:30 – 21:30

The course introduces students to the major concepts, theories, and models used to analyze the behaviour of individuals and firms in different markets. The assumptions of each theory presented in the course will be clearly stated, and its weaknesses pointed out. Topics covered in the course include market structures, supply and demand, consumer behaviour, behaviour of the firm, production and costs, and determination of equilibrium price and output in different markets. The course presents a theory that explains the determination of incomes such as wages, rent, interest, and profits. The course enables students to analyze contemporary microeconomic issues and problems. Using the relevant concepts, theories, and models, students will analyze how individuals and companies react to changes in government policy such as subsidies, minimum wages, price controls, carbon taxes, and other policies.

Macroeconomics

383-A04-DW | 45 hours

Prerequisite: Introduction to Economics 383-1N1

Section 03001 Monday 18:30 – 21:30

The course introduces students to theories that explain the determination and evolution of macroeconomic aggregates such as GDP, unemployment rates, inflation rates, and rates of interest. It discusses macroeconomic theories and models, specifies their assumptions, presents their applications, and identifies their limitations and the contrast between them. Relying on historical and current data, the course examines the changes that have taken place in the Canadian economy over the last few decades. Topics discussed in the course include business cycles, sources of economic growth, fiscal and monetary policies. Students will learn how different schools of thought, namely the Classical and Keynesian schools, approach these topics. The course enables students to apply macroeconomic concepts to specific cases and to critically assess economic policies.

ENGLISH

Students who have graduated from a Quebec high school or Quebec adult education center and have taken their Sec V Ministerial Exams in English in the last three (3) years, do **not** write placement tests. English Placement Results are automatically generated using your final Sec V English grades. All other students who plan to register for an English course but have not recently completed a credit English course at an English CEGEP, must write a placement test online. Please see page 9. Students at the beginner level should ask about non-credit courses.

Remedial Activities for Secondary V English Language Arts

603-001-RE | 60 hours

Prerequisite: placement - see page 9

Section 03001 Monday 18:00 – 22:00

This preparatory course teaches college-level reading, writing, listening, and speaking skills to intermediate students of English as a second language, with an emphasis on the planning, drafting, and editing of essays. Classes will include work on grammar, word usage, spelling and mechanics, sentence structure, and paragraph development. Upon successful completion of the course, students should be able to understand and discuss a college-level text and write a coherent, logically organized three-paragraph essay, which will include a thesis statement, supporting points, appropriate transitions and a conclusion. Please note: This course prepares students for Writing English (603-101) and does not give credit towards graduation requirements.

Introduction to College English: Writing English

603-101-MQ | 60 hours

Prerequisite: 603-001 or placement - see page 9

Section 03001 Wednesday 18:00 – 22:00

Section 03002 Tuesday 18:00 – 22:00

Section 03003 Tuesday 18:00 – 22:00 (on reserve)

This course is designed for students whose first language is not English and who have been educated in English for less than five years. Students are introduced to the study of literature at the college level, with special emphasis on vocabulary building, correct sentence structure, grammar, idiom and critical thinking. Students will learn how to read a variety of literary works and how to write short analytical essays about literature. Class time will be spent on discussion and practice of reading, writing, research, and speaking skills. By the end of the course, students must be able to write a 750-word analytical essay in college-level English.

Introduction to College English: Effective Reading and Writing

603-101-MQ | 60 hours

Prerequisite: placement - see page 9

Section 03004 Thursday 18:00 – 22:00

Section 03005 Tuesday 18:00 – 22:00

Section 03006 Wednesday 18:00 – 22:00 (on reserve)

This course introduces students to the study of literature at the college level, with special emphasis on vocabulary-building, study skills, critical thinking, reading for literal and metaphorical meaning, and writing to communicate ideas. Students will learn how to read a variety of literary works and how to write short analytical essays about literature. Class time will be spent on discussion and practice of reading, writing, research and speaking skills. By the end of the course, students must be able to write a 750-word analytical essay in college-level English.

Introduction to College English

603-101-MQ | 60 hours

Prerequisite: placement - see page 9

Section 03007 Wednesday 18:00 – 22:00

Section 03008 Tuesday 18:00 – 22:00

After taking this course, students should be able to analyze and produce written and oral work at the college level. To this end, students will learn the appropriate use of words, correct syntactical usage, and strategies for the development of ideas. As well, they will learn to recognize and analyze a variety of literary forms. Students will also learn to develop their ideas into arguments and theses, to organize them and to edit their work. By the end of the course, students will be able to write a 750-word analytical essay in college-level English.

Literary Genres

603-102-MQ | 60 hours

Prerequisite: 603-101

Students may take 603-103 before 603-102.

Section 03001 Monday 18:00 – 22:00

Section 03002 Tuesday 18:00 – 22:00

Section 03003 Thursday 18:00 – 22:00

Section 03004 Wednesday 18:00 – 22:00 (on reserve)

This course will examine selected works of literature of a single genre or several genres. The conventions of the genre(s), as well as the techniques and devices employed by authors to effect meaning, will be the focus of classroom activities. Each group/section focuses on a particular area of interest. Students will continue to practice writing critical essays.

Literary Themes

603-103-MQ | 60 hours

Prerequisite: 603-101

Students may take 603-103 before 603-102.

Section 03001 Thursday 18:00 – 22:00

Section 03002 Wednesday 18:00 – 22:00

Section 03003 Monday 18:00 – 22:00

Section 03004 Tuesday 18:00 – 22:00 (on reserve)

This course looks at selected works of literature with particular reference to their cultural contexts and thematic developments. Each group/section focuses on a particular area of interest. Students will continue to practice writing critical essays.

Applied Themes in English

603-BXE-DW | 60 hours

Prerequisite: 603-101, 603-102 and 603-103

Section 03001 Thursday 18:00 – 22:00

Section 03002 Monday 18:00 – 22:00

This course is designed to help students who have already completed 101, 102 and 103 to develop further their skills in reading, writing, speaking and researching. Students will study and produce various forms of communication while strengthening skills of argumentation. They will learn to recognize and use various rhetorical strategies in order to produce a program-specific major assignment. Each group/section focuses on a particular area of interest.

FINE ARTS/ART HISTORY

Drawing Techniques

511-912-DW | 45 hours

No prerequisite

Section 03001 Wednesday 18:30 – 21:30

Section 03002 Tuesday 18:30 – 21:30

The expressive power of drawing as a visual language is introduced and investigated through the exploitation of various drawing techniques. Working from observation of live models, objects, the environment, and from imagined forms, the students will acquire skills while sketching and rendering with a number of basic drawing materials. Through representation and abstraction, they will apply their research and learn compositional strategies to express their ideas visually. Historical and contemporary trends in drawing approaches will be examined through presentations, and students will have an opportunity to discuss and critique their drawings as explored in studio or independently. This course is taught at an introductory level with no specialized experience required. Approximate cost of materials: \$70

Introduction to Painting

511-914-DW | 45 hours

No prerequisite

Section 03001 Thursday 18:30 – 21:30

This introductory studio course in painting will establish a working knowledge of paint mixing and application, painting supports, colour theory and composition. Painting projects will explore modes of representation and abstraction. Students will work with acrylic colours to discover the many ways paint can be handled. Students will learn subtractive colour mixing while investigating genres such as still life, figure, portrait and landscape. Scale will be considered in paintings of various sizes on different supports. Students will become aware of different periods and approaches to painting to help focus their own preferences. In-class critiques will incorporate an understanding of relevant terminology. This course is taught at an introductory level with no specialized experience required. Approximate cost of materials: \$120

Collage and Mixed Media

511-923-DW | 45 hours

No prerequisite

Section 03001 Monday 18:30 – 21:30

Collage derives from the French “coller”, a technique coined by the early 20th century cubist painters Picasso and Braque. Students will discover different collage techniques in 2D and/or 3D assemblage, through which they will explore strategies for choosing and combining suggestive images and/or objects, and finding ways of composing a collage and/or an assemblage. Strategies will be developed for visual research and idea development, and for choosing and incorporating thematic elements. The acquisition of technical skills will enable the production of art projects in 2D and/or 3D assemblage. Approximate cost of materials: \$70

Canadian Art in Context

520-917-DW | 45 hours

No prerequisite

Section 03001 Wednesday 18:30 – 21:30

This course examines the histories of art produced in Canada from practices predating European settlement to the present. In addition to studying canonical artworks by Indigenous and non-Indigenous artists that forged a distinct and hybrid Canadian identity, we will consider objects and images that sit outside of the traditional fine art mediums of painting and sculpture. This will enable an understanding of the key political and artistic stakes of representing Canada’s diverse communities. We will also explore historical events that had a direct impact on the formation of Canadian identities. Visits to historic and contemporary exhibitions are an important part of the course, which will allow us to experience Canada’s dynamic visual culture firsthand. Students will come away from this course with an understanding of how Canadian art and its history has developed, as well as the ability to articulate the major debates of the field in a compelling manner. Approximate cost of materials: \$40.

FRENCH

IMPORTANT: Students beginning a NEW DEC program must meet the requirements of Law 14 as follows:

1) Students who hold the Certificate of Eligibility for English Instruction (COE) that are attending an English CEGEP will need to pass the English Exit Exam (EEE) to graduate. Students will also have to take three program courses in French OR three additional French language courses to improve their French language skills, depending on their level of ability. In both cases, these courses are in addition to the two French second language courses required as part of General Education requirements, for a total of five courses. See **Chart 1** below.

2) Students who do not hold a Certificate of Eligibility for English Instruction (COE) and that are educated outside of Quebec, MUST provide proof of French proficiency to be admitted to the DEC program. Information about French proficiency can be found at: <https://www.dawsoncollege.qc.ca/admissions/admission-requirements/>

Students who do not hold a Certificate of Eligibility for English Instruction (COE) attending an English CEGEP will need to pass the French Exit Exam, known as “Épreuve Uniforme de Français” (EUF). To prepare for the EUF, students must complete three French literature courses. They will also have to take two of their program courses in French. These are in addition to the three French literature, for a total of five courses. See **Chart 2** below. Depending on placement level, students may also be required to complete additional preparatory French courses before taking the required French literature courses.

Students without a COE in the evening division (in the Springboard to a DCS program - 081.25/28) that are intending to apply to a DEC program either in the Day or Evening division MUST be eligible to take the 602-RF1 course or higher to be admitted to the DEC. Students who place at a lower level, can pursue their studies through the evening division Springboard to a DCS program (081.25/28) to take additional courses to attain this level. See **Chart 3** below for sequence of courses.

Placement information can be found at: <https://www.dawsoncollege.qc.ca/registrar/english-french-placement-tests/>

CHART 1

Course #1 Bloc A - 1 course only from the list (according to placement)	Course #2 Bloc B - 1 course only from the list (according to placement)	Course #3 Block C - 1 course only from the list (according to placement)	Course #4 Block D - 1 course only from the list (according to placement)	Course #5 Block E - 1 course only from the list (according to placement)
¹ 602-100 602-101 602-102 602-103	602-B01 602-B02 602-B03 602-B04	602-C01 602-C02 Program course IN French Program course IN French	602-D01 602-D02 Program course IN French Program course IN French	602-E01 602-E02 Program course IN French Program course IN French
<p>¹ Some students may be required to take additional courses before qualifying for 602-100 (Basic French). 602-FRA, 602-FRB and 602-009 count towards the five required French courses. Please find the list, of French courses in the right order to respect prerequisite:</p> <p style="text-align: center;">602-FRA → 602-FRB → 602-008/602-009 → 602-10* → 602-B0* (See chart above)</p>				

CHART 2

Course #1 Préparation à l'EUF 1 : 602-UF0-MQ (Replaces a complementary course)	Course #2 Préparation à l'EUF 2 : 602-UF1-MQ (Replaces the Bloc A French course)	Course #3 Préparation à l'EUF 3 : 602-UF2-MQ (Replaces the Bloc B French course)	Course #4 Program course IN French	Course #5 Program course IN French
<p>Some students may be required to take additional courses before qualifying for 602-UF0-MQ. This will depend on your placement level. Please find the list, of French courses in the right order to respect prerequisite:</p> <p style="text-align: center;">602-RF1 → 602-RF2 → 602-UF0 → 602-UF1 → 602-UF2</p>				

CHART 3

<p>Some students may be required to take additional courses before qualifying for 602-RF1-MQ. This will depend on your placement level.</p> <p style="text-align: center;">602-FRA → 602-FRB → 602-008/602-009 → 602-10* → 602-RF1 → 602-RF2 → 602-UF0 → 602-UF1 → 602-UF2</p>

Pratique du français langue seconde 1 et 2

602-FRA-DW | 90 hours

Prerequisite: placement - see page 9

Section 03001 Tues. & Thurs. 18:00 – 21:00

This course is designed for students who have no knowledge of French. It prepares students for Pratique du français langue seconde 3 et 4 (602-FRB). It does not contribute to fulfillment of college graduation requirements in French. Textbook : Desjardins, Nancy *Par ici*, méthode de français (Niveau A1 CECR/ 1-2 Échelle québécoise), éditions MD, Québec 2017, 160 pages; ISBN : 9782891448024. Approx. \$40. Exercise book also available for approx. \$18.

Pratique du français langue seconde 3 et 4

602-FRB-DW | 90 hours

Prerequisite: 602-FRA or 602-011 or placement - see page 9

Section 03001 Mon. & Wed. 18:00 – 21:00

This course builds on the skills and knowledge developed in 602-011 or 602-FRA and prepares students for 602-008. It does not contribute to the fulfillment of college graduation requirements in French. Textbook : Desjardins, Nancy, *Par ici*, méthode de français (Niveau A1 CECR/ 1-2 Échelle québécoise), éditions MD, Québec 2017, 160 pages; ISBN : 9782891448024. Approx. \$40. Exercise book also available for approx. \$18.

Mise à niveau pour français, langue seconde de la 5e secondaire : accent sur l'oral

602-008-RE | 60 hours

Pas pour les élèves qui ont réussi leur français de la 5^e secondaire

Prerequisite: 602-FRB or 602-04B or 602-005 or 602-007 or placement - see page 9

Section 03001 Monday 18:00 – 22:00

Ce cours s'adresse aux élèves qui ont une connaissance limitée du français oral et écrit et qui ont besoin de combler leurs lacunes en français avant d'atteindre le niveau de cours 602-100. Ce n'est pas un cours pour débutants. Pour réussir ce cours, les élèves devront réussir les quatre habiletés langagières: expression orale, expression écrite, compréhension orale et compréhension écrite. L'accent sera mis sur l'oral. Coût approximatif du matériel: 60 \$.

Note: 602-008 prépare les élèves pour le cours 602-100 et ne mène pas à l'obtention d'un DEC.

Mise à niveau pour français, accent sur l'écrit

602-009-DW | 60 hours

Pour les élèves qui ont réussi le cours Français langue seconde de la 5^e secondaire et qui ont des lacunes importantes dans la maîtrise de la langue.

Prerequisite: placement - see page 9

Section 03001 Monday 18:00 – 22:00

Ce cours s'adresse aux élèves qui ont une connaissance limitée du français oral et écrit et qui ont besoin de combler leurs lacunes en français avant d'atteindre le niveau de cours 602-100. Ce n'est pas un cours pour débutants. Pour réussir ce cours, les élèves devront réussir les quatre habiletés langagières: expression orale, expression écrite, compréhension orale et compréhension écrite. L'accent sera mis sur l'écrit. Coût approximatif du matériel : 60 \$.

Note: 602-009 prépare les élèves pour le cours 602-100 et ne mène pas à l'obtention d'un DEC.

Basic French (Français de base)

602-100-MQ | 45 hours

Bloc A

Prerequisite: 602-008 or 602-009 or placement - see page 9

Section 03001 Monday 18:00 – 21:00

Ce cours s'adresse aux élèves qui ont une connaissance de base du français oral et écrit. Des exercices divers serviront à développer les quatre habiletés langagières: la compréhension orale, l'expression orale, la lecture et surtout l'écriture. Coût approximatif du matériel : 50 \$

French Language and Communication (Langue française et communication)

602-101-MQ | 45 hours

Bloc A

Prerequisite: placement - see page 9

Section 03001 Monday 18:00 – 21:00

Ce cours s'adresse aux élèves qui ont une connaissance moyenne du français oral et écrit. Il leur permettra de communiquer en français avec une certaine aisance. À la fin de ce cours, les élèves seront capables d'interpréter et de produire diverses communications orales et écrites. Coût approximatif du matériel : 55 \$

French Language and Culture (Langue française et culture)

602-102-MQ | 45 hours

Bloc A

Prerequisite: placement - see page 9

Section 03001 Wednesday 18:00 – 21:00

Ce cours s'adresse aux élèves qui ont une bonne connaissance du français oral et écrit. Il les mettra en contact avec la culture et la littérature francophones, leur permettant ainsi de communiquer en français avec aisance. À la fin de ce cours les élèves seront capables d'interpréter et de produire divers textes écrits, de comprendre des documents audio et de produire des exposés oraux. Coût approximatif du matériel : 55 \$

French Culture and Literature (Culture française et littérature)

602-103-MQ | 45 hours

Bloc A

Prerequisite: placement - see page 9

Section 03001 Thursday 18:00 – 21:00

Ce cours s'adresse aux élèves qui maîtrisent suffisamment le français écrit pour traiter de sujets d'ordre culturel et littéraire. Il porte sur des thèmes culturels variés ainsi que sur les différents genres littéraires. Ce cours, en plus de développer l'aptitude de la rédaction, permettra aux étudiants d'améliorer leur sens critique. Par ailleurs, les élèves seront initiés à l'analyse littéraire. Coût approximatif du matériel : 50 \$

Communication dans son programme d'études

602-B01-DW | 45 hours

Bloc B – All programs

Prerequisite: 602-100

Section 03001 Tuesday 18:00 – 21:00

Ce cours, qui est la suite du cours 602-100, vise à rendre l'élève capable de communiquer (parler, lire, comprendre et écrire) avec une certaine facilité. Il prend en considération les connaissances des élèves, notamment celles acquises dans le cours 602-100. Coût approximatif du matériel : 50 \$

Actualités liées au champ d'études

602-B02-DW | 45 hours

Bloc B – 101 Level – All programs

Prerequisite: 602-101

Section 03001 Thursday 18:00 – 21:00

Ce cours, qui est la suite du cours 602-101, met à la disposition des élèves les moyens de s'exprimer aisément en français, oralement et par écrit, dans le cadre de la discipline qui leur est spécifique par des œuvres relevant de leur domaine de spécialisation. À la fin du cours, les élèves devraient être en mesure de fonctionner en français sur le plan professionnel. Coût approximatif du matériel : 50 \$

Réflexions sur sa discipline

602-B03-DW | 45 hours

Bloc B – 102 Level – All programs

Prerequisite: 602-102

Section 03001 Wednesday 18:00 – 21:00

Ce cours, qui est la suite du cours 602-102, met à la disposition des élèves les moyens de s'exprimer aisément en français, oralement et par écrit, dans le cadre de leur programme d'études. À la fin du cours, les élèves devraient être en mesure de mieux fonctionner en français sur le plan professionnel. Coût approximatif du matériel : 50 \$

Communiquer en français pour l'EUJ

602-RF1-DW | 60 hours

Renforcement 1

Prerequisite: L'élève doit démontrer une compétence minimale correspondant au niveau B2 du Cadre européen commun de référence (CECRL). Élève qui a fait ses études secondaires à l'extérieur du Québec et dont la langue maternelle n'est pas le français OU Élève ayant obtenu une moyenne générale inférieure à 75% et provenant d'une école privée anglophone OU Élève dont le niveau est jugé insuffisant pour le cours RF2.

Section 03001 Tuesday 18:00 – 22:00

Ce cours est le premier d'une série de deux activités de renforcement de 60 heures préalables à la séquence préparatoire à l'Épreuve uniforme de français. Par l'entremise d'au moins une œuvre littéraire simple du XX^e ou du XXI^e et de textes courants, l'élève renforcera ses aptitudes pour la lecture et l'écriture en français. L'élève révisera plusieurs notions grammaticales. Il ou elle apprendra enfin à structurer les paragraphes du développement d'une rédaction de 250 mots, qui prendra la forme d'une explication de texte sur une œuvre littéraire, un texte courant ou un extrait. L'élève apprendra à rédiger son texte dans un français correct lui permettant de réussir l'Épreuve uniforme de français au terme de son parcours. Les crédits de ce cours ne comptent pas pour l'obtention du DEC.

Renforcement de français 2

602-RF2-DW | 60 hours

Renforcement 2

Prerequisite: L'élève doit démontrer une compétence minimale correspondant au niveau B2 du Cadre européen commun de référence (CECRL). Élève qui a réussi Français, langue d'enseignement de la 5e secondaire et ayant obtenu une moyenne générale inférieure à 75% et une moyenne inférieure à 70% en français écrit OU Élève non-ayant droit ayant obtenu une moyenne générale de 75% et plus et provenant d'une école privée anglophone OU Élève dont le niveau est jugé insuffisant pour le cours UF0 OU Élève ayant réussi le cours 602-RF1-DW OU placement - see page 9.

Section 03001 Tuesday 18:00 – 22:00

Section 03002 Thursday 18:00 – 22:00

Ce cours est le deuxième d'une série de deux activités de renforcement de 60 heures préalables à la séquence préparatoire à l'Épreuve uniforme de français. Par l'entremise d'au moins une œuvre littéraire complète contemporaine du XX^e ou du XXI^e et de textes courants, l'élève renforcera ses aptitudes pour la lecture et l'écriture en français. L'élève révisera plusieurs notions grammaticales. Il ou elle apprendra enfin à structurer les paragraphes du développement d'une rédaction de 500 mots, qui prendra la forme d'une explication de texte ou d'un commentaire de texte sur une œuvre littéraire ou un extrait. L'élève apprendra à rédiger son texte dans un français correct lui permettant de réussir l'Épreuve uniforme de français au terme de son parcours. Les crédits de ce cours ne comptent pas pour l'obtention du DEC.

Œuvres narratives et écriture

602-UF0-MQ | 45 hours

Complémentaire 1

Prerequisite: Élève qui a réussi Français, langue d'enseignement de la 5e secondaire et ayant obtenu une moyenne générale égale ou supérieure à 75% et une moyenne égale ou supérieure à 70% en français écrit OU Élève ayant réussi le cours 602-RF2-DW OU placement - see page 9.

Section 03001 Thursday 18:00 – 21:00

Section 03002 Tuesday 18:00 – 21:00

Ce cours est le premier d'une série de trois activités préparatoires permettant d'acquérir les compétences en langue et littérature nécessaires à la réussite de l'Épreuve uniforme de français (EUJ). Par l'entremise d'au moins une œuvre littéraire narrative complète et de plusieurs extraits d'œuvres narratives issues de la littérature française, et aussi possiblement de la littérature québécoise d'expression française, l'élève développera sa connaissance de la littérature et renforcera ses aptitudes pour la lecture en français. En étudiant des romans et des nouvelles appartenant à des courants majeurs allant du classicisme au naturalisme, l'élève acquerra une connaissance du langage littéraire associé à l'étude de ce genre en plus de réviser certaines notions linguistiques. Il ou elle apprendra enfin à structurer le développement d'une dissertation explicative portant sur un sujet avec un seul texte et à le rédiger dans un français correct.

Poésie, théâtre et écriture

602-UF1-MQ | 45 hours

Replaces the Bloc A French course

Prerequisite: 602-UF0

Section 03001 Thursday 18:00 – 21:00

Par l'entremise d'au moins une pièce de théâtre complète et de plusieurs poèmes issus de la littérature française et québécoise d'expression française, l'élève développera sa connaissance de la littérature et, par le fait même, renforcera ses aptitudes pour la lecture en français. On étudiera des œuvres relevant des genres théâtral et poétique et appartenant à des courants majeurs : du classicisme au symbolisme pour la littérature française et des origines jusqu'à 1980 pour la littérature québécoise. L'élève acquerra donc une connaissance du langage littéraire associé aux genres à l'étude. On apprendra enfin à structurer une dissertation critique portant sur un sujet avec un seul texte et à le rédiger dans un français approprié.

Comparaison d'œuvres littéraires

602-UF2-MQ | 45 hours

Replaces the Bloc B French course

Prerequisite: 602-UF1

Section 03001 Tuesday 18:00 – 21:00

Par l'entremise d'au moins deux œuvres littéraires complètes, l'une issue de la littérature québécoise et l'autre, de la littérature francophone, l'élève devra améliorer sa connaissance de la littérature et, par le fait même, renforcer ses aptitudes pour la lecture en français. On étudiera des œuvres relevant de genres variés appartenant à des courants majeurs de la littérature francophone (XXe et XXIe siècles pour la littérature française) et de la littérature québécoise (après 1980 pour la poésie et le théâtre, et après 1960 pour le roman). L'élève continuera de parfaire ses connaissances de la langue littéraire associée aux genres à l'étude. On apprendra enfin à structurer une dissertation critique comparative portant sur deux textes et à la rédiger dans un français approprié.

GEOGRAPHY

Introduction to Geography

320-1N1-DW | 45 hours

No prerequisite

Section 03001 Monday 18:30 – 21:30

This course introduces students to the foundations of geographical knowledge. It examines some of the main features, processes, and systems that characterize and shape the human and physical worlds on Earth, and the interplay and overlap between humanity and nature. Geographical perspectives on key global issues will be presented to emphasize that while geography is sometimes about knowledge of locations and asking 'what's where?', it is also about critical thinking, considering different explanations and perspectives, and asking 'why there?'.

GERMAN

German I

609-111-DW | 45 hours

No prerequisite

Section 03001 Wednesday 18:00 – 21:00

This course is designed for students who have no prior knowledge of German, formal or informal. The course will develop four basic language skills: speaking, writing, listening comprehension, and reading comprehension. It will focus on basic grammatical structures and vocabulary, controlled and spontaneous expression, oral/written assignments, and an introduction to culture. Language learning will be enhanced through the use of various audiovisual media, as well as additional learning activities in the language lab. Approximate cost of textbook: \$43. (eBook \$27).

HISTORY

Introduction to Global History

330-1N1-DW | 60 hours

No prerequisite

Section 03001 Wednesday 18:00 – 22:00

Section 03002 Tuesday 18:00 – 22:00

Section 03003 Monday 18:00 – 22:00

This course explores the historical changes and challenges that have marked human civilizations since the 1400s. It promotes an understanding of the historical interactions between different cultures and regions of the world. A major point of focus will be on systems that have shaped and continue to greatly impact populations, such as imperialism, capitalism, patriarchy, enslavement, settler-colonialism and decolonization. The course examines populations from various geographic regions and compares their economies, cultures, religions, political ideas, and environment. One objective is to offer a better comprehension of the historical roots of this long history of interconnection. This course surveys the social, cultural, political, environmental, and economic evolution of the world's human societies by focusing on various themes such as social and political revolution, industrialization, colonialism, imperialism, totalitarianism, war in the 20th and 21st century, and decolonization.

Topics in History: How to build an Empire

330-A01-DW | 45 hours

Prerequisite: Introduction to Global History 330-1N1

Section 03001 Monday 18:30 – 21:30

This course explores the rise and fall of empires, which may include examples from Spain, Netherlands, Portugal, France, Great Britain to the United States. To analyze these empires, the course may reflect on historical and eastern empires from Rome to China. Students will analyze the economic, political, and cultural factors that enable empires to expand and maintain control. Through case studies, students will assess the strategic decisions that shaped imperial legacies, identify patterns of imperial governance, and critically examine the consequences of empire-building on both the colonizers and the colonized. Emphasis will be placed on synthesizing historical events to construct models of imperial power. Students will create innovative proposals for today's leadership, using historical insights to predict potential shifts in global power dynamics. Key skills developed include evaluating imperial strategies, synthesizing historical data, and formulating policies based on past empires.

20th Century History

330-A08-DW | 45 hours

Prerequisite: Introduction to Global History 330-1N1

Section 03001 Thursday 18:30 – 21:30

The 20th century was the most turbulent in human history and this course surveys the wars, revolutions, ethnic conflicts, environmental disasters, and dramatic changes that affected the lives of almost all peoples throughout the world. Students will analyze such themes as nationalism, imperialism, racism, anti-Semitism, communism, and fascism; World War I and the rise of totalitarian regimes; World War II and the Holocaust; anti-colonial struggles; the Cold War and the collapse of communism; and the spread of religious fundamentalism and terrorism.

HUMANITIES

The sequence of courses is 345-101-MQ (formerly 345-103-04), 345-102, 345-BXH.

Knowledge

345-101-MQ | 60 hours

No prerequisite

Section 03001 Wednesday 18:00 – 22:00

Section 03002 Monday 18:00 – 22:00

Section 03003 Thursday 18:00 – 22:00

Section 03004 Tuesday 18:00 – 22:00

Section 03005 Wednesday 18:00 – 22:00

Section 03006 Thursday 18:00 – 22:00 (on reserve)

Section 03007 Monday 18:00 – 22:00 (on reserve)

For the Knowledge courses the common learning objectives are: to recognize the basic elements of a form of knowledge; to define the modes of organization and utilization of a form of knowledge; to situate a form of knowledge within its historical context; to organize the main components into coherent patterns; and to produce a synthesis of the main components. Each group/section focuses on a particular area of interest.

Students who have passed a *Philosophie* course 340-xxx-xx at a French CEGEP should check with an Academic Advisor before registering for this course.

World Views

345-102-MQ | 45 hours

Prerequisite: 345-101

Section 03001 Tuesday 18:30 – 21:30

Section 03002 Thursday 18:30 – 21:30

Section 03003 Monday 18:30 – 21:30

Section 03004 Wednesday 18:30 – 21:30 (on reserve)

In the World Views courses the common learning objectives are: to describe world views; to explain the major ideas, values, and implications of world views; to organize the ideas, values and experiences of a world view into coherent patterns; and to compare world views. Each group/section focuses on a particular area of interest.

Students who have passed a *Philosophie* course 340-xxx-xx at a French CEGEP should check with an Academic Advisor before registering for this course.

Applied Themes in Humanities: Ethical Issues

345-BXH-DW | 45 hours

Prerequisite: 345-101 or 345-103 and 345-102

Section 03001 Wednesday 18:30 – 21:30

Section 03002 Tuesday 18:30 – 21:30

Section 03003 Thursday 18:30 – 21:30 (on reserve)

In the Ethical Issues courses students will learn: to situate significant ethical issues in relation to their appropriate world views and forms of knowledge; to explain the major ideas, values, and social implications of these ethical issues; to organize ethical questions and their implications

into coherent patterns; and to debate ethical issues. Each group/section focuses on a particular area of interest.

Students who have passed a *Philosophie* course 340-xxx-xx at a French CEGEP should check with an Academic Advisor before registering for this course.

ITALIAN

Italian I

608-111-DW | 45 hours

No prerequisite

Section 03001 Monday 18:00 – 21:00

This course is designed for students who have no prior knowledge of Italian, formal or informal. The course will develop four basic language skills: speaking, writing, listening comprehension and reading comprehension. It will focus on basic grammatical structures and vocabulary, controlled and spontaneous expression, oral/written assignments, and an introduction to culture. Language learning will be enhanced through the use of various audiovisual media, as well as learning activities in the language lab. Approximate cost of textbook: \$125. (eBook \$105).

MATHEMATICS

The sequence of courses for the new Science program 200.PC is 201-016, 201-015, 201-201-SN2, 201-SN3, 201-SN1. The sequence of courses for the old Science program 200.BC is 201-016, 201-015, 201-NYA, 201-NYB or 201-NYC. See the chart on page 34.

Remedial Activities for Secondary IV Mathematics

201-016-RE | 75 hours

Prerequisite: High School Mathematics 563-404 or 563-414 or H.S. Mathematics 416 or 504 or 514 or 574 or H.S. Mathematics 426 taken in the regular day sector prior to 2011 or taken in the Adult Education sector, or equivalent

Section 03001 Mon. & Wed. 18:00 – 20:30

Section 03002 Tues. & Thurs. 18:00 – 20:30

Section 03003 Saturday 9:00 – 14:00

Section 03004 Tues. & Thurs. 18:00 – 20:30

Section 03005 Saturday 9:00 – 14:00

Section 03006 Mon. & Wed. 18:00 – 20:30 (on reserve)

*This course can serve as a prerequisite for programs requiring Mathematics 406 or 436. It does not replace the Mathematics required for general admission to CEGEP. This course introduces the fundamental operations with algebraic expressions, including products, factoring, long division, combining fractions, laws of exponents and radicals. Linear equations and inequalities in one or two unknowns and quadratic equations are included and their graphing with computer software is introduced. The quadratic formula, introduction to triangle trigonometry and word problem applications are also included. This course prepares students for Remedial Activities for Sec. V Mathematics 201-015. Text: Sabetghadam, Noushin. Remedial Activities for Secondary IV Mathematics. DC Printing. Approx. \$23 (also available online in pdf file). Calculator: Sharp EL-531***

Remedial Activities for Secondary V Mathematics

201-015-RE | 90 hours

Prerequisite: High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or H.S. Mathematics 436 or 526 or CEGEP Mathematics 201-016 or equivalent

Section 03001 Mon. & Wed. 18:00 – 21:00

Section 03002 Tues. & Thurs. 18:00 – 21:00

Section 03003 Fri. 18:00 – 21:00 & Sat. 11:00 – 14:00

Section 03004 Mon. & Wed. 18:00 – 21:00 (on reserve)

*This course prepares students for college-level mathematics and can be used as a prerequisite for programs requiring Mathematics 506 or 536. This course includes different types of functions such as exponential, logarithmic, quadratic, square-root, rational and piece-wise functions, composition and inverse of functions, equations, area and volume, vectors and trigonometry. Text: McArthur, George. Remedial Activities for Sec. V Math (Functions & Trigonometry). DC Printing. Approx. \$35 (also available online in pdf file). Calculator: Sharp EL-531***

Calculus I: Differential Calculus for Social Sciences

201-MA1-DW | 75 hours

Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506 or CEGEP Mathematics 201-015 or equivalent

Section 03001 Mon. & Wed. 18:00 – 20:30

*Please note: Students who plan to take Calculus II in Continuing Education at Dawson College should register for Calculus I course 201-NYA-05 and **not** 201-MA1-DW or 201-103-DW Calculus I (Social Science/Commerce).*

The course focuses on limits and continuity of a function, the derivative, techniques of differentiation, as well as applications to the social sciences, including curve sketching, marginal analysis and optimization problems. This course is not a substitute for Mathematics 201-NYA-05. Text: S.T. Tan. Applied Calculus for the Managerial, Life and Social Sciences (10th Edition) by (Thomson Brooks/Cole Publishers). Approx. \$200. Calculator: Sharp EL-531**

Differential Calculus

201-SN2-RE | 75 hours

Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or 565-506 or CEGEP Mathematics 201-015 or equivalent

Section 03001 Mon. & Wed. 18:00 – 20:30

Section 03002 Tues. & Thurs. 18:00 – 20:30

Section 03003 Saturday 9:00 – 14:00

Section 03004 Saturday 9:00 – 14:00

This course provides an introduction to the study of Calculus, in particular single-variable Differential Calculus. Students will be introduced to the concepts of the limit, continuity, and the derivative and will learn how these concepts relate to tangent lines to curves and to rates of change. Students will learn how to compute derivatives using a variety of common rules and techniques. Students will apply the concept of the derivative in applications such as: curve-sketching, optimization, and the analysis of rates of change. An introduction to antiderivatives and indefinite integrals will prepare students for the transition to the study of Integral Calculus. Calculator: Sharp EL-531**

Integral Calculus

201-SN3-RE | 60 hours

Prerequisite: Differential Calculus 201-SN2-RE

Section 03001 Tues. & Thurs. 18:00 – 20:00

Section 03002 Saturday 9:00 – 13:00

Section 03003 Mon. & Wed. 18:00 – 20:00

Students will expand their knowledge of Calculus through this course covering the core elements of Integral Calculus. The topic of antidifferentiation will be expanded upon. Students will be introduced to the topics of the Riemann sum and the definite integral and learn how they relate to the area beneath a curve. Students will learn how to compute integrals using a variety of common rules and techniques. Students will be introduced to sequences and series as well as the concept of convergence that will be applied in the context of the representation of functions as power series. Students will apply techniques of Integral Calculus in applications such as: computing areas and volumes, computing improper integrals, and Maclaurin series expansions. Students wishing to pursue the study of Calculus can do so in the optional course called Multivariable Calculus.

Linear Algebra

201-NYC-05 | 75 hours

Prerequisite: High School Sec. V Mathematics – Technical & Scientific option or Science option 564-506 or CEGEP Mathematics 201-015 or equivalent

Recommended: Calculus I 201-NYA

Section 03001 Mon. & Wed. 18:00 – 20:30

Section 03002 Saturday 9:00 – 14:00

This course includes the study of systems of linear equations and elementary operations, matrices and determinants, vectors, lines, planes and vector spaces. *Text: Anton, Howard. Elementary Linear Algebra Custom ed. Wiley. Approx. \$65. Calculator: Sharp EL-531***

METHODS

Introduction to Social Science Research

300-1R1-DW | 45 hours

No prerequisite

Section 03001 Thursday 18:00 – 21:00

Section 03002 Tuesday 18:00 – 21:00

Section 03003 Monday 18:00 – 21:00 (on reserve)

Introduction to Social Science Research (IR) is the first of the four methodology courses and is normally taken in the student's first term of the program. The goal of the course is to develop and apply appropriate work methods to the social science disciplines. Students learn and practice skills such as accessing and organizing relevant information, using appropriate technologies, identifying academic and non-academic sources, evaluating the reliability of the sources, summarizing an author's main idea, citing sources, building a bibliography, communicating their ideas orally and in writing, and effectively working in a group. This course establishes a practical foundation for successful and ethical work in the social sciences and is the pre-requisite for the two methodology courses that follow: Qualitative Methods and Quantitative Analysis. Approximate cost of materials: \$0-\$75.

Quantitative Analysis

300-QA1-DW | 60 hours

Prerequisite: Introduction to Social Science Research 300-1R1

Section 03001 Wednesday 18:00 – 22:00

Quantitative Analysis (QA) is one of four methodology courses and is taken in either the student's third or fourth term. The goal of the course is to interpret human realities by using quantitative analysis in the Social Sciences. Students will learn to recognize quantitative analysis, to formulate an operational hypothesis, describe quantitative data collections, to process data using descriptive and inferential measures, to describe the relationships between variables, and apply critical thinking to the interpretation of quantitative analysis. Students will also learn the importance of maintaining ethical standards in data collection and interpretation. Approximate cost of materials: \$0-\$100.

Qualitative Methods

300-QL1-DW | 60 hours

Prerequisite: Introduction to Social Science Research 300-1R1

Section 03001 Wednesday 18:00 – 22:00

Qualitative Methods (QL) is one of four methodology courses and is taken either the student's second or third term of the program. The goal of the course is to develop, apply and carry out scientific research by applying qualitative methodology. Students will learn to apply qualitative methods by learning the fundamentals of scientific research, developing a research project, formulating a research objective, producing a data collection tool, collecting, synthesizing and analyzing the data, and communicating the results obtained. In carrying out a qualitative research project, students also learn and practice ethical standards of Social Science research. Approximate cost of materials: \$0-\$75.

Integrative Seminar

300-308-DW | 60 hours

300-303-DW | 45 hours

Prerequisite: Research Methods 300-300-DW and Quantitative Methods 360-300-DW

Section 03001 Friday 18:00 – 22:00

The Integrative Seminar is for students planning to complete a DEC in Social Science *this semester*. You must be preregistered in this course by an Academic Advisor. Please send an email to conted@dawsoncollege.qc.ca with your Dawson student number if you require this course for graduation this semester.

Students in the Social Science Program take this course in their final term after having passed Research Methods (300-300-DW) and Quantitative Methods (360-300-DW). The Integrative Seminar provides the student with an opportunity to consider how the various social sciences can work together to contribute to understanding social phenomena. Using multiple social science disciplines, students will explore a topic related to the seminar theme in a series of distinct stages, ultimately producing a long essay on this exploration. This integrative project will address some of the linkages and differences among social sciences and show how their combined use makes for a deeper understanding of the selected topic. Approximate cost of materials: \$0-\$75.

*Only students in the 300.CE program should register for this course.

PHILOSOPHY

Introduction to Philosophy

340-1N1-DW | 45 hours

No prerequisite

Section 03001 Thursday 18:30 – 21:30

Section 03002 Tuesday 18:30 – 21:30

This course will survey central philosophical questions and how influential philosophers have attempted to answer them. Major topics such as the nature of reality, truth, knowledge, justice, personal identity, freedom, responsibility, and meaning will be covered. In a broad sense, this course explores the human condition, and the ways we humans have tried to understand and define ourselves, our world and our possibilities. As this is an introductory course, students will also learn and practice the philosophical fundamentals of sound argumentation. By the end of the course, students will have an understanding of basic problems of philosophy and their development. They will also have a sense of philosophy's relevance and importance for the social sciences, the natural sciences, and contemporary issues.

PHYSICAL EDUCATION

Physical Activity and Health: Fitness

109-101-MQ | 30 hours

No prerequisite

Section 03001 Monday 19:00 – 21:00

Section 03002 Wednesday 19:00 – 21:00

Students will be introduced to the theory and practice of a variety of training methods designed to maintain or improve the health components of fitness: cardiovascular endurance, body composition, muscular endurance, muscular strength, and flexibility. Students will examine the effects that are derived from participation in regular physical activity and identify appropriate activity options based on their interests, needs and abilities. The motivational factors that affect students' participation in regular and sufficient physical activity will be explored. Students will also examine their personal lifestyle habits in order to gain a better understanding of the effects these behaviours have on their health.

Physical Activity and Effectiveness: Stress Coping Skills

109-102-MQ | 30 hours

No prerequisite

Section 03001 Tuesday 19:00 – 21:00

Section 03002 Monday 19:00 – 21:00

This course will introduce students to Stress Coping Skills and provides the opportunity to develop the skills needed to cope with stress. The skills are practiced in the activity room. Identifying stress habits and various relaxation techniques will be covered.

Physical Activity and Autonomy: Fitness Activities

109-103-MQ | 30 hours

Prerequisite: 109-101 and 109-102

Section 03001 Thursday 19:00 – 21:00

Section 03002 Friday 19:00 – 21:10 (*ends May 9*)

In this course students will participate in a variety of wellness activities designed to improve each student's general fitness level in the areas of cardiovascular endurance, muscular endurance, strength, flexibility and body composition. Principles of training and the development of a personally effective and safe fitness program will be emphasized. In addition to participating in class activities, students will plan and carry out an individualized fitness program outside of class time, within their own personal schedule.

PHYSICS

The sequence of courses for the new Science program 200.PC is 203-001, 203-SN1, 203-SN2, 203-SN3. The sequence of courses for the old Science program 200.BC is 203-001-RE, 203-NYA-05, 203-NYC-05 and 203-NYB-05. Students with no physics background must take Remedial Activities for Secondary IV Environmental Science and Technology (105-003). See the chart on page 34.

Remedial Activities for Secondary V Physics

203-001-RE | 75 hours

Prerequisite: High School Science 558-404 or 402 or Physical Science 436 or CEGEP 105-003 or equivalent as well as High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or H.S. Mathematics 436 or 526 or CEGEP Mathematics 201-016 or equivalent

Recommended: High School Mathematics 506 or 536 or CEGEP 201-015 or equivalent

Section 03001 Tues. & Thurs. 18:00 – 19:30, Tuesday Lab 19:30 – 21:30

Section 03002 Mon. & Wed. 18:00 – 19:30, Wednesday Lab 19:30 – 21:30

Section 03003 Tues. & Thurs. 18:00 – 19:30, Thursday Lab 19:30 – 21:30 (on reserve)

This course is required for all science students who have either not taken, or have not passed, the High School Physics course 553-504. The content is very close to that of Physics 504 and covers the fundamental principles of classical mechanics and geometrical optics. Topics include: free fall, the effects of forces, friction, work and energy in classical mechanics, as well as reflection, refraction, lenses, and mirrors in geometrical optics. *Text: OpenStax College Physics, Dawson College custom edition, cost \$0 (digital).*

Note: This course prepares students for college-level Physics and does not count towards graduation.

Mechanics

203-SN1-RE | 75 hours

Prerequisite: High School Physics 504 or 534 or CEGEP Physics 203-001 or equivalent as well as High School Mathematics 506 or 536 or equivalent e.g., 201-015

Corequisite: Calculus 201-SN2 or 201-NYA

Section 03001 Tues. & Thurs. 18:00 – 19:30, Tuesday Lab 19:30 – 21:30

Section 03002 Mon. & Wed. 18:00 – 19:30, Wednesday Lab 19:30 – 21:30

Topics include: kinematics in one and two dimensions, uniform circular motion, Newton's laws, gravitation, friction, work, energy and power, collisions and conservation of momentum, rotational kinematics and dynamics, torque, angular momentum, and moment of inertia. Approximate cost of textbook: \$80.

Waves, Optics and Modern Physics

203-NYC-05 | 75 hours

Prerequisite: Mechanics 203-NYA and Calculus I 201-NYA

Corequisite: Calculus II 201-NYB

Section 03001 Mon. & Wed. 18:00 – 19:30, Monday Lab 19:30 – 21:30

Topics include: simple harmonic motion, damping, forced oscillations and resonance, waves in material media (including sound waves), beats and the Doppler effect, geometrical and physical optics, introduction to modern physics. Approximate cost of textbook: \$80.

Electricity and Magnetism

203-NYB-05 | 75 hours

Prerequisite: Mechanics 203-NYA and Calculus I 201-NYA

Corequisite: Calculus II 201-NYB

Recommended: Waves, Optics and Modern Physics 203-NYC

Section 03001 Tues. & Thurs. 18:00 – 19:30, Thursday Lab 19:30 – 21:30

Topics include: electrostatics, Coulomb's Law, electric field and potential, lines of force and equipotentials, Gauss's Law, capacitors and dielectrics, DC circuits, the magnetic field, the laws of Biot-Savart and Ampère, magnetic force on moving charges and currents, torque on current loop, electromagnetic induction and Faraday's Law, inductance, energy density of electric and magnetic fields. Approximate cost of textbook: \$80.

POLITICAL SCIENCE

Introduction to Political Science

385-1N1-DW | 45 hours

No prerequisite

Section 03001 Tuesday 18:30 – 21:30

This course will introduce students to political science as the study of power and governance. Students will learn key political concepts used to explain how decisions are made by and for groups of people. Students will be introduced to the basic institutions of democratic and non-democratic states, to political ideologies, and to governmental and non-governmental actors. Finally, they will reflect critically on a current local and/or global political issue.

PSYCHOLOGY

Introduction to Psychology

350-1N1-DW | 45 hours

No prerequisite

Section 03001 Monday 18:30 – 21:30

Section 03002 Tuesday 18:30 – 21:30

Section 03003 Wednesday 18:30 – 21:30

Section 03004 Thursday 18:30 – 21:30 – (on reserve)

Introduction to Psychology provides an overview of the scientific approach to the study of behaviour. In addition to providing students with a basic understanding of the scientific method, this course is designed to increase one's awareness and understanding of the interaction of factors which influence human behaviour. This course will look at how the methods and concepts of psychology can be applied to real-life situations and provide fundamental concepts on which to build on in future psychology courses.

Cognitive Psychology: Exploring The Mind

350-A03-DW | 45 hours

Prerequisite: Introduction to Psychology 350-1N1

Section 03001 Thursday 18:30 – 21:30

This analysis course will explore the science of how we think. Cognitive psychology studies what goes on inside our brains by exploring topics such as perception, thinking, memory, attention, language, problem-solving, decision-making, and learning. We will analyze the skills typically used in our everyday lives, from recalling anything from our past, how and where to spend our money, planning for the future, and solving unexpected problems. Approximate cost of textbook: 80\$

Psychology: Human Development

350-A07-DW | 45 hours

Prerequisite: Introduction to Psychology 350-1N1

Section 03001 Wednesday 18:30 – 21:30

This course will explore the links among physical, cognitive, social, and emotional development throughout the lifespan. Students will investigate and analyze how these four areas contribute to the final development of the individual. This course will provide the student with the necessary knowledge and skills to be able to analyze how the individual develops from conception until death. Approximate cost of textbook: 80\$

RELIGION

Introduction to Religious Studies

370-1N1-DW | 45 hours

No prerequisite

Section 03001 Thursday 18:30 – 21:30

This course introduces students to the major elements of religion. It maps religious diversity by surveying the places and spaces that at least two major religious traditions of the world regard as sacred. It investigates prominent aspects of both personal spirituality and the relationship between religion and society by analyzing selected ritual practices, symbolic representations (in art and decoration), texts, beliefs and social structures. This course will also introduce students to some major theorists of religion and some methods for analyzing selected religious phenomena. Estimated cost of materials: \$25-\$70

SECONDARY IV SCIENCE

Remedial Activities for Secondary IV Environmental Science and Technology

105-003-RE | 75 hours

Prerequisite: High School Science 555-404 or 555-444 or 557-406 or 557-416 or High School Physical Science 416 or equivalent

Recommended: High School Mathematics 564-406 or 565-406 or 564-426 or 565-426 or H.S. Mathematics 436 or 526 or CEGEP Mathematics 201-016 or equivalent

Section 03001 Tues. & Thurs. 17:30 – 19:45, Tuesday Lab (5 weeks) 19:00 – 22:00

Section 03002 Tues. & Thurs. 17:30 – 19:45, Thursday Lab (5 weeks) 19:00 – 22:00

Section 03003 Mon. & Wed. 17:30 – 19:45, Wednesday Lab (5 weeks) 19:00 – 22:00

Section 03004 Mon. & Wed. 17:30 – 19:45, Monday Lab (5 weeks) 19:00 – 22:00

Section 03005 Tues. & Thurs. 17:30 – 19:45, Tuesday Lab (5 weeks) 19:00 – 22:00 (on reserve)

This course corresponds to the optional High School course Environmental Science and Technology 558-404. It is designed for students who have not taken the course Environmental Science and Technology (558-404) or Physical Science 436 or 982-003. The course examines genetic principles and continues the study of the behaviour of matter and the transformation of energy. At the end of this course the student will be able to explain the properties of matter and the periodic table, solve problems involving chemical changes and nuclear transformations, solve problems by using the laws of electricity and electromagnetism and the transformation of energy, describe the basic characteristics related to genetics and verify several scientific laws and principles experimentally. *Textbook TBD: \$0-\$50. Lab Manual: [Remedial Activities for Secondary 4 Science](#) provided electronically.*

Note: This course prepares students for 202-001-RE (Remedial Activities for Secondary V Chemistry) and 203-001-RE (Remedial Activities for Secondary V Physics). It can be used as a prerequisite for programs requiring Environmental Science and Technology (558-404). It **CANNOT** be used for the high school Environmental Science and Technology (558-404) or Science of the Environment (558-402) graduation requirements.

SOCIAL SCIENCE 400 LEVEL

Advanced Environmental Studies

360-401-DW | 45 hours

Prerequisite: 200 or 300 level Social Science Concentration course

Section 03001 Monday 18:30 – 21:30

This course provides students with the opportunity to engage in work on an environmentally significant topic of particular interest to them. The emphasis is on providing students with the skills required to investigate significant environmental issues, using knowledge, concepts, methods and tools necessary to allow them to prepare a pertinent final work.

SOCIOLOGY

Introduction to Sociology

387-1N1-DW | 45 hours

No prerequisite

Section 03001 Tuesday 18:30 – 21:30

This course introduces students to the basic ideas and perspectives of sociological investigation and interpretation. Students will learn how individuals are shaped and social groups are formed through processes of culture, socialization, interpersonal interaction and organizational life. Students are introduced to the major areas of sociological research that will enable them to interpret events, patterns, and issues from a sociological perspective in the context of socially, economically, and culturally diverse society.