SUMMER 2026 – JUNE 10 to JULY 30, 2026

ÉTÉ 2026 - 10 JUIN au 30 JUILLET 2026

BIOLOGY

FINAL EXAM: TUESDAY, AUGUST 4

Behavioural Biology (Social Science)

101-B11-DW| 45 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon & Wed. 18:00 - 20:00, Mon & Wed. Lab 20:00 - 21:45 (June 10 – July 22)

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.

Cellular Biology

101-SN1-RE | 60 hours
No prerequisite
Recommended: High School Chemistry 504 or 534 or CEGEP Chemistry 202-001 or equivalent
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Thurs. 18:00 – 19:30, Mon. & Wed. Lab 19:30 - 21:30 (June 10 – July 23)
Section 19002 Mon. to Thurs. 18:00 – 19:30, Tues. & Thurs. Lab 19:30 - 21:30 (June 10 – July 23) (on reserve)

In this course, students will explore the structure and function of the basic unit of life, *the cell*. Topics will include the biomolecules and organelles that form the cell, cell transport mechanisms and its energy metabolism, the basis of genetic information and heredity, and the cell division process. Laboratory exercises will introduce students to many practical aspects of biology such as biochemical analyses and DNA technology, while further exploring topics in the biology of cells. Recommended Text: Urry *et al*., Campbell Biology, 4th Canadian ed., Pearson. eTextbook (6 months access) approx. $90.

Human Anatomy and Physiology

101-SNU-RE | 60 hours
No prerequisite
Recommended: Cellular Biology 101-SN1-RE
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Thurs. 18:00 – 19:30, Mon. & Wed. Lab 19:30 – 21:30 (June 10 – July 23)
Section 19002 Mon. to Thurs. 18:00 – 19:30, Tues. & Thurs. Lab 19:30 – 21:30 (June 10 – July 23) (on reserve)

This course focuses on analyzing the roles of anatomical structures and physiological interactions in the maintenance of equilibrium in the human body, a principle termed homeostasis. Emphasis is placed on the accurate interpretation of concepts and phenomena related to homeostasis, both through the study of the normal functioning of cells, tissues, organs and organ systems and through the analysis of disease states. Recommended Text: Marieb and Keller, Essentials of Human Anatomy and Physiology, 13th ed., Pearson. eTextbook (6 months access) approx. $90.

BUSINESS ADMINISTRATION

Introduction to Business

401-1N1-DW | 45 hours
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)

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-DW

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 13:45 – 17:30 (June 10 – July 22)

This analysis course presents fundamental elements of Marketing in a Business context. Topics covered include how products and services are created, how prices are determined, how products are distributed in stores, online and by other means, how products are promoted to consumers, and how consumers make purchasing decisions. The topics are contextualized 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 (SEE ALSO RATTRAPAGE P. 16)

FINAL EXAM: MONDAY, AUGUST 3

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).

Chemistry of Solutions

202-SN2-RE | 60 hours

Prerequisite: General Chemistry 202-SN1

Recommended: Differential Calculus 201-SN2

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Wed. & Thurs. 14:00 – 17:00, Mon. Lab 14:00 – 17:00 (June 10 – July 29)
Section 19002 Wed. & Thurs. 14:00 – 17:00, Tues. Lab 14:00 – 17:00 (June 10 – July 29)

This course delves into the study of chemistry components to analyse the properties of solutions and reactions in solutions. In the Science Program, it fulfils competency 0C02 [Analyze chemical systems in solutions]. Although students will have encountered many of the topics in the course in a qualitative manner in Chemistry 504 or Chemistry 202-001, now they will undertake a more complete study of these and other new topics with a strong quantitative bias as shown by the great emphasis on problem solving in this course. Students will find that much of this course provides an introduction to Analytical Chemistry, Physical Chemistry, Instrumental Analysis and Industrial Chemistry.Text: Zumdahl, Chemistry, 11th edition ebook or hardcover for Approx. $150. A lab manual may need to be purchased for $15.

Organic Chemistry I

202-SNU-RE | 60 hours

Prerequisite: General Chemistry 202-SN1 or 202-NYA

Corequisite: Chemistry of Solutions 202-SN2 or 202-NYB

Recommended: High School Sec V Mathematics – Technical & Scientific option or Science Option 564-506 or 656-506 or CEGEP Mathematics 201-015 or equivalent

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Wed. & Thurs. 14:00 – 17:00, Mon. Lab 14:00 – 17:00 (June 10 – July 29)
Section 19002 Wed. & Thurs. 14:00 – 17:00, Tues. Lab 14:00 – 17:00 (June 10 – July 29)

Organic Chemistry provides students with basic knowledge of hydrocarbons, their classes and reactions. Basic experimental skills will be developed in the laboratory while performing organic chemistry experiments. Molecular model kit $30. Lab manual may need to be purchased for approximately $15.

CINEMA/COMMUNICATIONS

Complémentaire en Cinéma - Ensemble II - Esthétiques du cinéma : Styles du Cinéma

530-FXA-DW | 45 hours

No prerequisite

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Fri. 9:00 – 12:00 (June 10 – July 2)

Ce cours explore les grands styles, genres et mouvements du cinéma, incluant des œuvres contemporaines et du passé qui sont remarquables pour leurs approches esthétiques et leurs mécanismes narratifs innovants. À travers l'analyse de films emblématiques, les étudiants découvriront l'évolution des codes du cinéma qui ont façonné l'histoire du médium. Les étudiants exploreront aussi l'impact culturel de certains films de l'histoire du cinéma qui continuent d'influencer la production contemporaine du septième art. Idéal pour les passionnés de cinéma et les curieux souhaitant affiner leur regard critique et artistique.

COMPUTER SCIENCE

Introduction to Computers

420-BWC-03 | 45 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 21:45 (June 10 – July 22)

Students will gain a historical appreciation of the evolution and development of computers and will acquire and demonstrate a basic knowledge of computer concepts. Students will be able to illustrate the diversity of systems and will learn to recognize the impact of computers through the direct investigation of software. The MS Word processor and Excel spreadsheet will be described and examined. The relationship between computers and networks will be explored with regard to their impact on society. Security, privacy and computer ethics will be examined in the course readings and discussed in class. Students will produce a 750-word paper, based on individual research, exploring one of the topics covered in the course. **Any Science program student 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.

CONTEMPORARY ISSUES

Problématiques Contemporaines - Ensemble I - Développement Durable

365-FWP-DW | 45 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 9:00 - 12:45 (June 11 – July 23)

L'objectif de ce cours est de présenter un modèle solide du développement durable. Il souligne que notre économie mondiale et notre société sont intégrées au sein des écosystèmes naturels. Pour que le modèle de développement durable présenté fonctionne, nous devons aborder la question dans une perspective pluridisciplinaire, en comprenant les mécanismes écologiques impliqués dans les pratiques durables et la manière dont ils peuvent être appliqués dans notre société, en donnant aux étudiants les moyens d'opérer activement des changements dans leur vie. Ce cours présente certains principes écologiques durables et la biologie de la conservation en explorant leur interrelation avec les impacts humains sur la biodiversité et le développement durable. Les étudiants acquerront une compréhension des questions environnementales et des pratiques durables, et un accent particulier sera mis sur les actions de développement durable du projet Living Campus au Collège Dawson.

ECONOMICS

Introduction to Economics

383-1N1-DW | 45 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23)

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 13:45 – 17:30 (June 10 – July 22)

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.

ENGLISH

Information on **English Placement Testing** can be found at: https://www.dawsoncollege.qc.ca/registrar/english-french-placement-tests/
A student must not take two English courses bearing the same course number.

Introduction to College English: Writing English

603-101-MQ | 60 hours
Prerequisite: 603-001 or placement
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Thurs. 18:00 – 22:00 (June 10 – July 16)

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19002 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16)

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.

Literary Genres

603-102-MQ | 60 hours
Prerequisite: 603-101
Students may take 603-103 before 603-102.
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19002 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16)
Section 19003 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19004 Mon., Tues., Thurs. 13:00 – 17:00 (June 11 – July 16)
Section 19005 Mon., Wed., Thurs. 18:00 – 22:00 (June 10 – July 16) (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.
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19002 Mon., Wed., Thurs. 18:00 – 22:00 (June 10 – July 16)
Section 19003 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19004 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19005 Mon., Tues., Thurs. 13:00 – 17:00 (June 11 – July 16)

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19002 Mon., Wed., Thurs. 18:00 – 22:00 (June 10 – July 16)
Section 19003 Mon., Tues., Thurs. 13:00 – 17:00 (June 11 – July 16)
Section 19004 Mon. to Fri. 8:30 – 12:30 (June 10 – July 2)
Section 19005 Mon., Tues., Thurs. 13:00 – 17:00 (June 11 – July 16)

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

Complémentaire en Histoire de l'Art - Ensemble I - L'histoire de l'art au Canada

520-FWA-DW | 45 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)

Ce cours explorera divers thèmes sociaux, politiques et culturels liés à la production artistique au Canada afin de développer une appréciation des diverses formes d'expression artistique. Nous examinerons également les événements historiques, ainsi que les contextes socio-politiques et culturels qui ont eu un impact direct sur les artistes et leurs œuvres. Des sujets spéciaux de l'art canadien, québécois et autochtone seront abordés. Les étudiants acquerront une base de connaissances, de méthodes, de vocabulaire et d'approches interprétatives en histoire de l'art, ainsi qu'une appréciation de l'expérience de l'art en personne par le biais d'ateliers créatifs et de visites d'expositions.

FRENCH (SEE ALSO RATTRAPAGE P. 16-17)

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

If you hold a Certificate of Eligibility for English Instruction (COE-Y):

- You must pass the English Exit Exam (EEE) to graduate.
- You need to take three program courses in French OR three additional French language courses to improve your French skills, depending on your level of ability. These courses are in addition to the two French second language courses required as part of General Education requirements, totaling five courses.
- You can register for the EEE when you are taking your third English course (603-101, 603-102, or 603-103) and have successfully completed the other two courses. See ***Chart 1*** below.

If you do not hold a Certificate of Eligibility for English Instruction (COE-N):

- You must pass the French Exit Exam, known as "Épreuve Uniforme de Français" (EUF), to graduate.
- To prepare for the EUF, you will complete three French literature courses. Additionally, you need to take two program courses in French, totaling five courses. Depending on your placement level, you may also be required to complete additional preparatory French courses before taking the required French literature courses.
- You can register for the EUF when you have successfully completed your first two French courses (602-UF0-MQ and 602-UF1-MQ) and are taking your third French course (602-UF2-MQ). See ***Chart 2*** below.

For more information, please go to: https://www.dawsoncollege.qc.ca/admissions/bill-96-law-14-what-does-it-mean-for-you/

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 (according to placement)	Course #2 Bloc B (according to placement)	Course #3 Bloc C or Program course (according to placement)	Course #4 Bloc D or Program course (according to placement)	Course #5 Bloc E or Program course (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

[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:

602-FRA → 602-FRB → 602-001 (formerly 602-008/602-009) → 602-10* → 602-B0* (See chart above)

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

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:

602-RF1 → 602-RF2 → 602-UF0 → 602-UF1 → 602-UF2

CHART 3

Some students may be required to take additional courses before qualifying for 602-RF1-MQ. **This will depend on your placement level**.

602-FRB → 602-001 (formerly 602-008/602-009) → 602-10* → 602-RF1 → 602-RF2 → 602-UF0 → 602-UF1 → 602-UF2

Pratique du français langue seconde 3 et 4

602-FRB-DW | 90 hours

Prerequisite: 602-FRA or 602-011 or placement

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Fri. 9:00 – 12:00 and 12:30 – 14:30 (June 10 – July 7)

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.

Oeuvres 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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 13:45 – 17:30 (June 10 – July 22)
Section 19002 Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23)
Section 19003 Tues. & Thurs. 9:00 – 12:45 (June 11 – July 23) (on reserve)

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 (EUF). 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 une seul texte et à le rédiger dans un français correct.

Poésie, théâtre et écriture

602-UF1-MQ | 45 hours

Remplace Bloc A français

Prerequisite: 602-UF0

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 13:45 – 17:30 (June 10 – July 22)
Section 19002 Mon. & Wed. 18:00 – 21:45 (June 10 - July 22)
Section 19003 Tues. & Thurs. 9:00 – 12:45 (June 11 – July 23) (on reserve)

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 la rédiger dans un français approprié.

Comparaison d'œuvres littéraires

602-UF2-MQ | 45 hours

Remplace Bloc A français

Prerequisite: 602-UF1

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)
Section 19002 Tues. & Thurs. 18:00 – 21:45 (June 11 - July 23)

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.

Veuillez prendre note : l'horaire du 16 juillet pour la simulation de l'EUF sera ajusté par l'enseignant(e).
Please note: The schedule on July 16 for the EUF simulation will be adjusted by the teacher.

Basic French (Français de base)

602-100-MQ | 45 hours
Bloc A
Prerequisite: 602-008 or 602-009 or placement
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 9:00 – 12:45 (June 10 – July 22)

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 $

Communication dans son programme d'études

602-B01-DW | 45 hours
Bloc B – All programs
Prerequisite: 602-100
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 9:00 – 12:45 (June 11 – July 23)

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23)

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 21:45 (June 10 – July 22)

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 $

Analyse et création dans son domaine de spécialisation

602-B04-DW | 45 hours
Bloc B – 103 Level – All programs
Prerequisite: 602-103
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 21:45 (June 10 – July 22)

Ce cours, qui est la suite de 602-103, permet aux élèves d'analyser et de rédiger, à l'aide d'ouvrages de référence, des textes variés portant sur des sujets liés à leur domaine 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 $

Français et société québécoise (niveau 1)

602-C01-MQ | 45 hours
Prerequisite: 602-B01
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 9:00 – 12:45 (June 10 – July 22)

Le cours C01 s'adresse à l'élève qui a réussi le cours de français de la formation spécifique 602-B01-DW. Ce cours de français, langue seconde, est offert à l'élève déclaré.e admissible à l'enseignement en anglais en substitution aux cours en français. Ce cours vise à offrir à l'élève une meilleure connaissance du français ainsi qu'une compréhension approfondie de la culture francophone. Son objectif est de promouvoir le bilinguisme, par un renforcement du Français au quotidien, de sensibiliser l'élève aux différents aspects culturels de la société québécoise et d'encourager sa participation à la vie citoyenne. Pour obtenir son diplôme d'études collégiales, l'élève doit réussir ce cours.

HISTORY

Observation in History: Movements that Shaped the Modern World

330-0B1-DW | 45 hours
Prerequisite: Introduction to Global History 330-1N1
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)

History is replete with examples of powerful social and political movements that have shaped the modern world. How do these moments in history compare? What lessons do they have to offer? What defines a successful or failed movement? Through the reading of primary and secondary sources, as well as the use of knowledge, methodologies, and concepts learnt in history courses or drawn from other social science disciplines, students will produce an observation project on a specific historical movement and the people who defined them. Topics include, but are not limited to, the civil rights movement, independence movements in India, Ireland, Catalonia, or South Sudan, feminist movements, the Arab Spring, the Bolshevik Revolution, the anti-nuclear movement, Pan-Africanism, the #MeToo movement, and Land Back movements in Canada. In addition to analyzing the human realities observed in one or more of these historical movements, students may also participate in cultural visits or other immersive experiences.

HUMANITIES

A student must not take two Humanities courses bearing the same course number even though the course content is different.
The sequence of courses is 345-101-MQ, 345-102, 345-BXH.

Knowledge

345-101-MQ | 60 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Tues., Thurs. 18:00 – 22:00 (June 11 – July 16)
Section 19002 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16)

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 21:45 (June 10 – July 22)
Section 19002 Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23)
Section 19003 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)
Section 19004 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23) (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 Ethics in Humanities

345-BXH-DW | 45 hours
Prerequisite: 345-101 or 345-103 and 345-102
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. to Fri. 9:00 – 12:00 (June 10 – July 2)
Section 19002 Mon. & Wed. 18:00 – 21:45 (June 10 – July 22)
Section 19003 Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23)
Section 19004 Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)

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.

L'Éthique Appliquée

345-FXH-DW | 45 hours

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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Mon. & Wed. 9:00 – 12:45 (June 10 – July 22)**

Dans les cours d'éthique appliquée, les étudiants apprendront à situer les questions éthiques importantes par rapport aux visions du monde et aux domaines de connaissance, à expliquer les principales idées, valeurs et implications sociales de ces questions éthiques, à organiser les questions éthiques et leurs implications selon des modèles cohérents et à débattre des questions éthiques. Chaque groupe/section se concentre sur un domaine d'intérêt particulier.

Les étudiants qui ont réussi un cours de philosophie 340-xxx-xx dans un CEGEP français devraient consulter un conseiller académique avant de s'inscrire à ce cours.

ITALIAN

Italian I

608-111-DW | 45 hours

No prerequisite

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Mon. to Fri. 9:00 – 12:00 (June 10 – July 2)**

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 (SEE ALSO RATTRAPAGE P. 17)

FINAL EXAM FOR AFTERNOON CLASSES: MONDAY, AUGUST 3
FINAL EXAM FOR EVENING CLASSES: TUESDAY, AUGUST 4

The sequence of courses for the new Science program 200.PC is 201-016, 201-015, 201-SN2, 201-SN3, 201-SN1 and 201-SN4.
The sequence of courses for the old Science program 200.BC is 201-016, 201-015, 201-NYA, 201-NYB or 201-NYC.

Probability and Statistics

201-SN1-RE | 45 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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Mon. & Wed. 13:45 – 17:30 (June 10 – July 22)**

The purpose of this course is to provide Science students foundational knowledge in probability and statistics, with the purpose of preparing them to perform basic statistical analysis. In the first part of the course, they will review the basics of descriptive statistics and data representation, along with an introduction to linear regression for bivariate data. In the second part, they will be introduced to the fundamental concepts and techniques of probability, including discrete and continuous probability distributions (binomial and normal distributions, in particular). In the third part of the course, they will be introduced to inferential statistics, which revolves around the central limit theorem; in this part they will learn how to estimate population parameters using confidence intervals, along with various types of hypothesis testing, including the variable independence chi-square test for contingency tables. *Text: McArthur, G. & Acteson, R. R., Probability and Statistics (201-SN1-RE). DC Printing. (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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Mon., Wed., Thurs. 14:00 – 18:00 (June 10 – July 23) PLUS July 27 (14:00 – 17:00)**

Please note: Students who plan to take Calculus II at Dawson College should register for Differential Calculus course 201-SN2-RE and ***not*** *201-MA1-DW.*
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.
*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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Tue., Thurs. 14:00 – 18:00 (June 11 – July 23) PLUS July 27 14:00 – 17:00
Section 19002 Mon., Wed., Thurs. 18:00 – 22:00 (June 10 – July 23) PLUS July 27 18:00 – 21:00

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 or equivalent

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16)
Section 19002 Mon., Tues., Thurs. 18:00 – 22 :00 (June 11 – July 16)

Students who require 201-MA2 may take this course only if they have completed 201-SN2.
This course offers further topics on the definite integral and its applications, techniques of integration, indeterminate forms and l'Hôpital's Rule, improper integrals, convergence of infinite series. *Text: Stewart, James. Single Variable Calculus. 2nd ed. Cengage. Approx. $145.*
*Calculator: Sharp EL-531***

Linear Algebra and Vector Geometry for Social Sciences

201-MA3-DW | 60 hours

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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Thurs. 14:00 – 18:00 (June 10 – July 16)

This course includes the study of systems of linear equations, matrices and determinants, vectors, lines and planes, as well as applications to current human realities, including Markov Chains, Leontief Models and the Simplex Method. *Text: Anton, Howard. Elementary Linear Algebra Custom ed. Wiley. Approx. $65. Calculator: Sharp EL-531***

Linear Algebra and Vector Geometry

201-SN4-RE | 60 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-SN2

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Tues., Thurs. 14:00 – 18 :00 (June 11 – July 16)

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***

Algèbre Linéaire et Géométrie Vectorielle

201-FN4-DW | 60 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 201-SN2

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed. & Thurs. 18:00 – 22:00 (June 10 – July 16)

Ce cours constitue une introduction à l'algèbre linéaire et la géométrie vectorielle. Les étudiants devront résoudre et caractériser des systèmes d'équations linéaires en utilisant différentes techniques impliquant des matrices. Les étudiants apprendront à représenter et à manipuler des vecteurs tant de façon algébrique que de façon géométrique. Les vecteurs seront ensuite utilisés pour décrire des lignes et des plans dans l'Espace Euclidien, pour calculer des aires et des volumes et pour déterminer des distances entre différents objets géométriques. Les étudiants seront également amenés à présenter des raisonnements formels et rigoureux sous forme de preuves simples. Les étudiants qui désirent approfondir leurs connaissances en algèbre linéaire auront cette opportunité dans le cours optionnel Linear Algebra II. T*ext : Amyotte, Luc. Introduction à l'algèbre linéaire et à ses applications (5e édition). Calculator: Sharp EL-531***

METHODS (SCIENCE)

Projet d'Intégration

360-FNP-DW | 45 hours

Prerequisite: Avoir réussi au moins 9 cours de concentration en sciences, au moins un dans chacune des disciplines suivantes : biologie, chimie, informatique, mathématiques et physique. Avoir réussi au moins deux cours d'anglais, un cours de français et un cours de philosophie.

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Tues., Wed. 13:00 – 16:00 (June 10 – July 15)

Ce cours vise à intégrer les différents aspects de l'apprentissage acquis durant le programme de Science de la Nature. Il est centré sur des activités guidées effectuées en équipes, orientées vers la réalisation d'un projet touchant au moins deux disciplines scientifiques. Ce projet allie recherche d'information, planification, exécution, analyse, réflexion et dissémination. Il y a 45 heures-contact et 45 heures de travail libre.

Integrative Project

360-SNP-DW | 45 hours

Prerequisite: Passed at least 9 Science concentration courses, at least one in each of Biology, Chemistry, Computer Science, Mathematics and Physics. Passed at least two English courses, one French course and one Humanities course.

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Wed. & Thurs. 9:00– 12:45 (June 10 – July 23)

This course aims to demonstrate the integration of learning acquired in the Science Program. It is centred on activities done in teams. The students devise and carry out a scientific project, analyze and assess the outcomes, and report on them orally and in written form. The scope of the projects should involve at least two scientific disciplines. The learning outcomes are acquired through a string of activities designed by the teacher. There are 45 contact hours and 45 "homework" hours.

METHODS (SOCIAL SCIENCE)

Introduction to Social Science Research

300-1R1-DW |45 hours

No prerequisite

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 13:45 – 17:30 (June 10 – July 22)
Section 19002 Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23) (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.

Quantitative Analysis

300-QA1-DW | 60 hours

Prerequisite: Introduction to Social Science Research 300-1R1

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16)
Section 19002 Mon., Tues., Thurs. 18:00 – 22:00 (June 11 – July 16) (on reserve)

Quantitative Analysis (QA) is one of four methodology courses and is taken in either the student's second or third 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.

Qualitative Methods

300-QL1-DW | 60 hours

Prerequisite: Introduction to Social Science Research 300-1R1

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Tues., Thurs. 8:30 – 12:30 (June 11 – July 16)
Section 19002 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16) (on reserve)

Qualitative Methods (QL) is one of four methodology courses and is taken in 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.

Integrative Seminar

300-1S1-DW | 60 hours

Prerequisite: Introduction to Social Science Research 300-1R1, Quantitative Analysis 300-QA1 and Qualitative Methods 300-QL1

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Tues., Thurs. 18:00 – 22:00 (June 11 – July 16)
Section 19002 Mon., Tues., Thurs. 13:00 – 17:00 (June 11 – July 16)
Section 19003 Mon., Wed., Thurs. 13:00 – 17:00 (June 10 – July 16)
Section 19004 Mon., Wed., Thurs. 8:30 – 12:30 (June 10 – July 16)
Section 19005 Mon., Tues., Thurs. 8:30 – 12:30 (June 11 – July 16)

Students in the Social Science Program take this course in their final term after having passed Introduction to Social Science Research (300-1R1), Quantitative Methods (300-QA1) and Qualitative Methods (300-QL1). 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.

PHYSICAL EDUCATION

Physical Activity and Health: Fitness Walking

109-101-MQ | 30 hours

No prerequisite

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Fri. 8:00 – 12:30 (June 10 – June 22) PLUS June 26 (8:00 – 11:00)
Section 19002 Mon., Wed., Fri. 13:00 – 17:30 (June 10– June 22) PLUS June 26 (13:00 – 16:00)

This course will provide the student with cardiovascular and muscular conditioning through speed walking. Includes both indoor training and outdoor fitness walking around the Montreal area. Theoretical and practical sessions will provide students with the knowledge and skills necessary to develop all of the components of fitness and healthy lifestyle habits.

Physical Activity and Effectiveness: Volleyball

109-102-MQ | 30 hours

No prerequisite

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Fri. 8:00 – 12:30 (June 10 – June 22) PLUS June 26 (8:00 – 11:00)

This course will introduce students to the game of volleyball and provides the opportunity to develop the necessary skills needed to play volleyball. The skills are practiced in the gymnasium. Basic techniques, rules, and tactics will be covered.

Physical Activity and Effectiveness: Badminton

109-102-MQ | 30 hours

No prerequisite

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19002 Mon., Wed., Fri. 8:00 – 12:30 (June 10 – June 22) PLUS June 26 (8:00 – 11:00)
Section 19003 Mon., Wed., Fri. 13:00 – 17:30 (June 10 – June 22) PLUS June 26 (13:00 – 16:00)

This course will introduce students to badminton and provides the opportunity to develop the necessary skills needed for individual and team badminton. The skills are practiced in the gymnasium. Basic techniques, rules, tactics, and etiquette will be covered.

Physical Activity and Autonomy: Active Living Volleyball

109-103-MQ | 30 hours

Prerequisite: 109-101 and 109-102

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed., Fri. 13:00 – 17:30 (June 10 – June 22) PLUS June 26 (13:00 – 16:00)

Students of all skills levels and experience are invited to develop their total health by engaging in the sport of volleyball (109-102-MQ Volleyball is not a prerequisite). In this course, students are introduced to the skills, strategies, and fitness training needed to incorporate recreational volleyball as part of an active lifestyle. The course will include fitness activities to enhance performance and prevent injury. Students will develop their ability to play a variety of volleyball games and tournament formats. In addition, students will plan and carry out an individualized fitness program in order to demonstrate their ability to assume responsibility for maintaining a healthy lifestyle.

Physical Activity and Autonomy: Fitness Activities

109-103-MQ | 30 hours

Prerequisite: 109-101 and 109-102

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19002 Mon., Wed., Fri. 13:00 – 17:30 (June 9 – June 22) PLUS June 26 (13:00 – 16:00)
Section 19003 Mon., Wed., Fri. 13:00 – 17:30 (June 9 – June 22) PLUS June 26 (13:00 – 16:00)
Section 19004 Tues. & Thurs. 13:00 – 17:30 (June 11 – June 30) PLUS July 7 (8:00 – 12:00)
Section 19005 Tues. & Thurs. 8:00 – 12:30 (June 11 – June 30) PLUS July 7 (8:00 – 12:00) (on reserve)

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 (SEE ALSO RATTRAPAGE P. 18)

FINAL EXAM: TUESDAY, AUGUST 4

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).

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 21:35, Thurs. Lab 18:00 – 21:35 (June 10 – July 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.

Electricity and Magnetism

203-SN2-RE | 60 hours

Prerequisite: Mechanics 203-NYA or 203-SN1-RE and Calculus 201-SN2 or Calculus I 201-NYA
Corequisite: Integral Calculus 201-SN3-RE
Recommended: Waves, Optics and Modern Physics 203-NYC
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 20:30, Tues. Lab 18:00 – 21:35 (June 10 – July 29)
Section 19002 Mon. & Wed. 18:00 – 20:30, Thurs. Lab 18:00 – 21:35 (June 10 – July 30)
Section 19003 Tues. & Thurs. 18:00 – 20:30, Mon. Lab 18:00 – 21:35 (June 11 – July 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.

Waves and Modern Physics

203-SN3-RE | 60 hours

Prerequisite: Mechanics 203-NYA or 203-SN1 and Calculus I 201-NYA or Differential Calculus 201-SN2
Corequisite: Electricity and Magnetism 203-SN2-RE and Integral Calculus 201-SN3 or Calculus II 201-NYB
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon. & Wed. 18:00 – 21:35, Tues. Lab 18:00 – 21:35 (June 10 – July 29)

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.

Astrophysics

203-SNA-DW | 60 hours

Prerequisite: Mechanics 203-SN1 and Differential Calculus 201-SN2
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 Mon., Wed. & Thurs. 13:00 – 17:00 (June 10 – July 30)

This course is a well-rounded introduction to what is outside planet Earth. In this course, students learn how celestial objects and man-made space probes move via Universal Gravity and orbital mechanics. They learn about the celestial clockwork: the daily and yearly apparent motion of the sun and the stars. They learn how time, time units and calendars are defined based on the celestial clockwork. They learn about stellar evolution and about how the cores of dead stars turn into exotic compact objects such as black holes. They learn to be scientific detectives by extracting as much information as possible from the dots of light that we see in the sky. The course is concluded with a brief overview of the large-scale structure of the universe.

PSYCHOLOGY

Psychology: Human Development

350-A07-DW | 45 hours
Prerequisite: Introduction to Psychology 350-1N1
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Tues. & Thurs. 18:00 – 21:45 (June 11 – July 23)**

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.

Interaction & Communication

350-0B6-DW | 45 hours
Prerequisite: Introduction to Psychology 350-1N1
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Mon. & Wed. 9:00 – 12:45 (June 10 – July 22)**

Interaction and Communication helps students explore how to communicate better with others. We will observe patterns in our own communication and explore topics such as verbal and nonverbal communication, how people see each other, relationships, and how to handle conflicts effectively, and others. Throughout the course, students will engage in a series of group activities designed to increase self-awareness, mindfulness and "kindfulness", resilience, and compassion making it easier to use them in real-life situations.

Complémentaire en psychologie – Ensemble II - Explorations Psychologiques de la Sexualité

350-FXS-DW | 45 hours
No prerequisite
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 19001 **Tues. & Thurs. 13:45 – 17:30 (June 11 – July 23)**

Ce cours vous invite à plonger au cœur des questions de sexualité qui façonnent votre quotidien. Ensemble, on décortiquera l'évolution de la sexualité à travers l'histoire jusqu'à ses expressions les plus actuelles. Attendez-vous à des discussions stimulantes sur l'identité de genre, l'orientation affective et sexuelle, la diversité des pratiques, et comment se forgent nos propres regards sur la sexualité. Au menu : des cours dynamiques, des ateliers concrets, des échanges passionnants et des rencontres inspirantes avec des experts. Crooks, R. L., Baur, K., & Widman, L. (2022). Nos sexualités 4e ed. (paperback + e-version + complementary materials). MODULO, Chenelière éducation. Approx. 65$.

RATTRAPAGE SESSION

ONLINE REGISTRATION: Fri., June 5, 2:30 p.m. to Tue., June 9, 12:00 p.m. (noon)
Please note: No schedule conflicts will be permitted.

CHEMISTRY

FINAL EXAM: MONDAY, AUGUST 3

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.
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 **Mon. to Thurs. 9:00 – 13:10 (June 30 – July 30)**
Section 16002 **Mon. to Thurs. 9:00 – 13:10 (June 30 – July 30) (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 $10.*

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

FRENCH

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

Renforcement en français langue seconde

602-001-DW | 60 hours

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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 Mon. to Thurs. 9:00 – 13:00 (June 30 – July 27)

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.

Renforcement de français 2

602-RF2-DW | 60 hours

Mise à niveau 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.

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 Mon. to Thurs. 9:00 – 13:00 (June 30 – July 27)
Section 16002 Mon. to Thurs. 9:00 – 13:00 (June 30 – July 27) (on reserve)

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.

MATHEMATICS

FINAL EXAM: MONDAY, AUGUST 3

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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 Mon. to Thurs. 9:00 – 13:15 (June 30 – July 30)
Section 16002 Mon. to Thurs. 13:00 – 17:15 (June 30 – July 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

Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 Mon. to Thurs. 9:00 – 14:00 (June 30 – July 30)
Section 16002 Mon. to Thurs. 12:00 – 17:00 (June 30 – July 30) (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. $32.75 (also available online in pdf file). Calculator: Sharp EL-531***

PHYSICS

FINAL EXAM: MONDAY, AUGUST 3

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 Mon. to Thurs. 9:00 – 13:10 (June 30 – July 30)

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.

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
Please refer to page IV for specific withdrawal and drop deadlines for this course.

Section 16001 Mon. to Thurs. 9:00 – 13:10 (June 30 – July 30)
Section 16002 Mon. to Thurs. 13:00 – 17:10 (June 30 – July 30) (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.