

# SUMMER 2025 – JUNE 9 to JULY 29, 2025

## ÉTÉ 2025 - 9 JUIN au 29 JUILLET 2025

### BIOLOGY

FINAL EXAM: WEDNESDAY, JULY 30

#### Human Anatomy and Physiology

101-BZH-05 | 75 hours

Prerequisite: General Biology I 101-NYA

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

**Section 19001** Mon. & Tues. 18:00 – 19:30, Wed. 18:00 – 21:35, Mon. & Tues. Lab 19:30 – 21:35 (June 9 – July 29)

This is an optional course for students in the Science program. It offers students an opportunity to develop an understanding of the human body and its organ systems from the point of view of structure-to-function relationships. A series of laboratory exercises complements the lecture material. Students may elect to complete a project for this course as part of the Comprehensive Examination. Required Resource: Subscription to Visible Body (1 yr access; approx.\$70).

#### Cellular Biology

101-SN1-RE | 60 hours

Prerequisite: None

Recommended: High School Chemistry 551-504 or 534 or CEGEP Chemistry 202-001

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

**Section 19001** Mon. & Tues. 18:00 – 21:00, Wed. Lab 18:00 – 21:00 (June 9 – July 28)

**Section 19002** Mon. & Tues. 18:00 – 21:00, Thurs. Lab 18:00 – 21:00 (June 9 – July 28) (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: Reece et al., Campbell Biology, 4<sup>th</sup> Canadian ed., Pearson. (as eBook with 2 yrs access with Mastering Biology; approx. \$132)*

#### General Biology II

101-BZE-05 | 75 hours

Prerequisite: General Biology I 101-NYA

Recommended: Organic Chemistry 202-BZF

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

**Section 19001** Mon. 18:00 – 21:35, Tues. & Wed. 18:00 – 19:30, Tues. & Wed. Lab 19:30 – 21:35 (June 9 – July 29)

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 data collection techniques, and are used to complement appropriate lecture material. *Text: Reece et al., Campbell Biology, 4<sup>th</sup> Canadian ed., Pearson. (as eBook with 2 yrs access with Mastering Biology; approx. \$132)*

### 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 10 – July 22)

*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.

## CHEMISTRY (SEE ALSO RATRAPAGE P. 15)

FINAL EXAM: THURSDAY, JULY 31

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).

### 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

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

**Section 19001 Mon. & Tues. 14:00 – 17:35, Wed. Lab 14:00 – 17:35 (June 9 – July 29)**

**Section 19002 Mon. & Tues. 14:00 – 17:35, Thurs. Lab 14:00 – 17:35 (June 9 – July 29)**

Organic 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. 89\$ for the hardcover textbook. Molecular model kit \$30. Lab manual may need to be purchased for approximately \$15.*

### 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 Mon. & Tues. 14:00 – 17:00, Wed. Lab 14:00 – 17:00 (June 9 – July 28)**

**Section 19002 Mon. & Tues. 14:00 – 17:00, Thurs. Lab 14:00 – 17:00 (June 9 – July 28)**

This course delves into the study of chemistry components to analyse the properties of solutions and reactions in solutions. In the Science Program, it fulfills competency OC02 [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, 11<sup>th</sup> edition ebook or hardcover for Approx. \$150. A lab manual may need to be purchased for \$15.*

## CINEMA/COMMUNICATIONS

### Cinema Styles

530-916-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 9 – June 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

### 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 9 – July 21)**

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.**

## 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 10 – July 22)

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.

## ENGLISH (SEE ALSO RATRAPAGE P. 15)

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 9 – July 14)

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 9 – July 14)

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 9 – June 30)

**Section 19002** Mon., Wed., Thurs. 18:00 – 22:00 (June 9 – July 14)

**Section 19003** Mon., Wed., Thurs. 13:00 – 17:00 (June 9 – July 14)

**Section 19004** Mon. to Fri. 8:30 – 12:30 (June 9 – June 30)

**Section 19005** Mon., Tues., Thurs. 13:00 – 17:00 (June 9 – July 15)

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.

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**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 9 – June 30)

**Section 19002** Mon., Wed., Thurs. 18:00 – 22:00 (June 9 – July 14)

**Section 19003** Mon. to Fri. 8:30 – 12:30 (June 9 – June 30)

**Section 19004** Mon. to Fri. 8:30 – 12:30 (June 9 – June 30)

**Section 19005** Mon., Tues., Thurs. 13:00 – 17:00 (June 9 – July 15)

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.

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**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 9 – June 30)

**Section 19002** Mon., Wed., Thurs. 18:00 – 22:00 (June 9 – July 14)

**Section 19003** Mon., Tues., Thurs. 13:00 – 17:00 (June 9 – July 15)

**Section 19004** Mon. to Fri. 8:30 – 12:30 (June 9 – June 30)

**Section 19005** Mon., Tues., Thurs. 13:00 – 17:00 (June 9 – July 15)

**Section 19006** Mon. to Fri. 8:30 – 12:30 (June 9 – June 30) (on reserve)

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**

**Drawing Techniques**

**511-912-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 10 – July 22)

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

## FRENCH (SEE ALSO RATRAPAGE P. 15-16)

**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 (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)
<sup>1</sup> 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
<sup>1</sup> 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 : <b>602-UF0-MQ</b> (Replaces a complementary course)	Course #2 Préparation à l'EUF 2 : <b>602-UF1-MQ</b> (Replaces the Bloc A French course)	Course #3 Préparation à l'EUF 3 : <b>602-UF2-MQ</b> (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. <b>This will depend on your placement level.</b> 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. <b>This will depend on your placement level.</b>  602-FRA → 602-FRB → 602-001 (formerly 602-008/602-009) → 602-10* → 602-RF1 → 602-RF2 → 602-UF0 → 602-UF1 → 602-UF2
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## Pratique du français langue seconde 1 et 2

602-FRA-DW | 90 hours

Prerequisite: 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 9 – July 4)**

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

*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 9 – July 4)**

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 9 – July 21)**

**Section 19002 Tues. & Thurs. 18:00 – 21:45 (June 10 – July 22) (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 un 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 9 – July 21)**

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 10 – July 22)**

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.

## **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 9 – July 21)

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 10 – July 22)

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 10 – July 22)

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 9 – July 21)

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 9 – July 21)

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 \$



## HISTORY

### Topics in History: Culture & Conflict in Our Times

330-A01-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 10 – July 22) (on reserve)

The twentieth century was one of the most turbulent in human history, with world wars, and political, social, and cultural revolutions that affected the lives of many. Although historians often examine the twentieth century through the lens of military and political conflict, these tumultuous events also had a profound relationship to the art and ideas of the time. This course explores the cultural and intellectual ferment of the twentieth century, up to the present day. It places particular emphasis on artistic, literary, and philosophical movements that pushed for change and innovation and challenged the existing order. Emphasis will be placed on analyzing and discussing primary sources, but contextual and explanatory lectures will also be provided each week. Students will identify and analyze specific situations related to cultural and intellectual histories of the twentieth century, using historical concepts, approaches, and a variety of sources.

### 20<sup>th</sup> Century History

330-A08-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 Mon. & Wed. 18:00 – 21:45 (June 9 – July 21)

The twentieth century has been the most turbulent in human history, witnessing wars, political, social and cultural revolution, ethnic conflicts, environmental disasters and dramatic changes in the lives of almost all groups throughout the world. This course will focus on political revolutions in Europe, the Americas, Asia and Africa in the 20th-century and the cultural revolutions that accompanied them. This course will focus on themes such as ideology, including nationalism, imperialism, communism, fascism populism and anarchism; the rise of totalitarian regimes and their impact on cultural production; the cultural and political movements surrounding World War II; and the postwar world, including the Cold War, decolonization, conflicting nationalisms and identities, and the rise of youth culture and its political and cultural impacts. These events and developments will be examined using various historical sources. A variety of historical methodologies will also be introduced.

## 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 9 – July 15)

#### Section 19002 Mon., Wed., Thurs. 13:00 – 17:00 (June 9 – July 14)

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 9 – July 21)

#### Section 19002 Tues. & Thurs. 18:00 – 21:45 (June 10 – July 22)

#### Section 19003 Tues. & Thurs. 13:45 – 17:30 (June 10 – July 22)

#### Section 19004 Tues. & Thurs. 13:45 – 17:30 (June 10 – July 22) (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

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

**Section 19001** Mon. to Fri. 9:00 – 12:00 (June 9 – June 30)

**Section 19002** Mon. & Wed. 18:00 – 21:45 (June 9 – July 21)

**Section 19003** Tues. & Thurs. 18:00 – 21:45 (June 10 – July 22)

**Section 19004** Tues. & Thurs. 13:45 – 17:30 (June 10 – July 22)

**Section 19005** Mon. to Fri. 9:00 – 12:00 (June 9 – June 30)

**Section 19006** Mon. & Wed. 13:45 – 17:30 (June 9 – July 21) (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.

## MATHEMATICS (SEE ALSO RATTRAPAGE P. 16)

**FINAL EXAM FOR EVENING CLASSES: WEDNESDAY, JULY 30**

**FINAL EXAM FOR AFTERNOON CLASSES: THURSDAY, JULY 31**

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.

## Probability & Statistics

201-BZS-05 | 75 hours

Prerequisite: Calculus II 201-NYB

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

**Section 19001** Mon. to Thurs. 14:00 – 16:40 (June 9 – July 29)

Students will learn about counting problems, probability, random variables, mean, variance and standard deviation, binomial, Poisson and normal distributions, chi-square distribution, descriptive statistics, statistical inferences, tests of hypotheses, estimation of parameters, and linear correlation.

*Text: Shahabi, S. Probability and Statistics. (available online for Dawson Students.). 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. to Thurs. 14:00 – 16:40 (June 9 – July 29)

*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 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.

*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. to Thurs. 14:00 – 16:40 (June 9 – July 29)

**Section 19002** Mon. to Thurs. 18:00 – 20:40 (June 9 – July 29)

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\*\**

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**Calculus II**

**201-NYB-05** | 75 hours

Prerequisite: Calculus I 201-NYA or equivalent

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

**Section 19001** Mon. to Thurs. 14:00 – 16:40 (June 9 – July 29)

**Section 19002** Mon. to Thurs. 18:00 – 20:40 (June 9 – July 29)

*Students who require 201-203 or 201-204 may take this course only if they have completed 201-NYA.*

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. 2<sup>nd</sup> ed. Cengage. Approx. \$145.*

*Calculator: Sharp EL-531\*\**

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**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. to Thurs. 14:00 – 16:10 (June 9 – July 29)

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\*\**

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**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

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

**Section 19001** Mon. to Thurs. 14:00 – 16:40 (June 9 – July 29)

**Section 19002** Mon. to Thurs. 18:00 – 20:40 (June 9 – July 29)

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

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

**Section 19001** Mon. & Wed. 13:45 – 17:30 (June 9 – July 21)

**Section 19002** Tues. & Thurs. 18:00 – 21:45 (June 10 – July 22) (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 prerequisite for the two methodology courses that follow: Qualitative Methods and Quantitative Analysis.

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## 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 9 – July 14)

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.

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## 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 9 – July 15)

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.

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## Integrative Seminar

**300-308-DW\*** | 60 hours

**300-303-DW\*** | 45 hours

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

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

Social Science and Commerce students taking 3 Math courses must register for Integrative Seminar 300-303-DW. Please check your graduation profile. If your profile indicates you should take Integrative Seminar 300-308-DW, you should register for one of these sections of 300-308-DW. If your profile indicates, you should take Integrative Seminar 300-304 you must select a section of 300-308 and you will be granted a substitution for 300-304.

**Section 19011 or 19001** Mon., Tues., Thurs. 18:00 – 22:00 (June 9 – July 15)

**Section 19012 or 19002** Mon., Tues., Thurs. 13:00 – 17:00 (June 9 – July 15)

**Section 19013 or 19003** Mon., Wed., Thurs. 18:00 – 22:00 (June 9 – July 14)

**Section 19014 or 19004** Mon., Wed., Thurs. 13:00 – 17:00 (June 9 – July 14)

**Section 19015 or 19005** Mon., Wed., Thurs. 8:30 – 12:30 (June 9 – July 14)

**Section 19016 or 19006** Mon., Tues., Thurs. 8:30 – 12:30 (June 9 – July 15)

**Section 19017 or 19007** Mon., Tues., Thurs. 13:00 – 17:00 (June 9 – July 15) (on reserve)

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.

## 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** Tues. & Thurs. 8:00 – 12:30 (June 10 – June 30) PLUS July 3 (8:00 – 11:00)

**Section 19002** Mon., Wed., Fri. 8:00 – 12:30 (June 9 – June 20) PLUS June 23 (8:00 – 11:00)

This course will provide the student with cardiovascular and muscular conditioning through speed walking. May include 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: Fundamental Skills For Sport

109-102-MQ | 30 hours

No prerequisite

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

**Section 19001** Tues. & Thurs. 13:00 – 17:30 (June 10 – June 30) PLUS July 3 (13:00 – 16:00)

**Section 19002** Mon., Wed., Fri. 13:00 – 17:30 (June 9 – June 20) PLUS June 23 (13:00 – 16:00)

**Section 19003** Mon., Wed., Fri. 8:00 – 12:30 (June 9 – June 20) PLUS June 23 (8:00 – 11:00) (on reserve)

This course will introduce students to fundamental movement skills and provides the opportunity to develop the necessary skills needed to for effective movement. The skills are practiced in the fitness room. Use of equipment such as plyometric boxes, Swiss balls and BOSU, free weights and machines, bars, elastics, TRX, and ladders will be covered.

### 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 19001** Tues. & Thurs. 13:00 – 17:30 (June 10 – June 30) PLUS July 3 (13:00 – 16:00)

**Section 19002** Mon., Wed., Fri. 13:00 – 17:30 (June 9 – June 20) PLUS June 23 (13:00 – 16:00)

**Section 19003** Tues. & Thurs. 8:00 – 12:30 (June 10 – June 30) PLUS July 3 (8:00 – 11:00)

**Section 19004** Mon., Wed., Fri. 8:00 – 12:30 (June 9 – June 20) PLUS June 23 (8:00 – 11:00)

**Section 19005** Mon., Wed., Fri. 13:00 – 17:30 (June 9 – June 20) PLUS June 23 (13:00 – 16:00) (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. 17)

FINAL EXAM: WEDNESDAY, JULY 30

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 9 – July 28)

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.

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## Waves, Optics and Modern Physics

203-NYC-05 | 75 hours

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

Corequisite: Calculus II 201-NYB

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

**Section 19001** Mon. & Thurs. 18:00 – 21:35, Wed. Lab 18:00 – 21:35 (June 9 – July 28)

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.

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## 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

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

**Section 19001** Mon. & Thurs. 18:00 – 21:35, Wed. Lab 18:00 – 21:35 (June 9 – July 28)

**Section 19002** Mon. & Wed. 18:00 – 21:35, Thurs. Lab 18:00 – 21:35 (June 9 – July 28)

**Section 19003** Mon. & Wed. 18:00 – 21:35, Thurs. Lab 18:00 – 21:35 (June 9 – July 28) (on reserve)

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.

## PSYCHOLOGY

### Human Sexual Behaviour

350-A04-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. 13:45 – 17:30 (June 9 – July 21)

This analysis course presents an opportunity for students to think openly and objectively about sex, one of the fundamental drives behind many feelings, thoughts, and behaviours. Without shame or taboo, using science as a lens, students will analyze fundamental aspects of human sexuality — including anatomy and physiology, psychosexual disorders, gender, fantasies, communication in relationships, paraphilias, sexual consent, and more.

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### 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 10 – July 22)

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.

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### 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 9 – July 21)

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.

## **SOCIAL SCIENCE 400 LEVEL**

### **Advanced Environmental Studies**

**360-401-DW** | 45 hours

Prerequisite: 200 or 300 level Social Science Concentration course

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

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

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.

## **SPANISH**

### **Spanish I**

**607-111-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 9 – June 30)

This course is designed for students who have no prior knowledge of Spanish, 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. The required textbook must be purchased new from the Dawson bookstore ONLY: Spanish Level 1 Dawson College Custom Textbook *Plazas*, Cengage (2017) + MindTap Code \$52.95 + taxes (1 semester – ISBN 9781778414831)

# RATTRAPAGE SESSION

ONLINE REGISTRATION: Wed., June 4, 2:30 p.m. to Fri., June 6, 12:00 p.m.

**Please note: No schedule conflicts will be permitted.**

# SESSION DE RATTRAPAGE

INSCRIPTION EN LIGNE : du mercredi 4 juin à 14h30 au vendredi 6 juin à 12h00

**Remarque : aucun conflit d'horaire ne sera autorisé.**

## CHEMISTRY

FINAL EXAM: THURSDAY, JULY 31

### 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 – 13:00 (June 25 – July 28) PLUS July 29 (9:00 – 12:00)**

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, 2<sup>nd</sup> 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.

## ENGLISH

### Remedial Activities for Secondary V English Language Arts

603-001-RE | 60 hours

Prerequisite: 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 25 – July 22)**

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.

## FRENCH

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

### Renforcement de 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 maîtrise 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 25 – July 22)**

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.



## ----- Communiquer en français pour l'EUF

602-RF1-DW | 60 hours

Mise à niveau 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.

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

**Section 16001 Mon. to Thurs. 9:00 – 13:00 (June 25 – July 22)**

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<sup>e</sup> ou du XXI<sup>e</sup> 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

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 25 – July 22)**

**Section 16002 Mon. to Thurs. 9:00 – 13:00 (June 25 – July 22) (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<sup>e</sup> ou du XXI<sup>e</sup> 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: THURSDAY, JULY 31

### 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 – 13:00 (June 25 – July 28) PLUS July 29 (9:00 – 12:00)**

*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 – 13:45 (June 25 – July 29)**

*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. \$24 (also available online in pdf file). *Calculator: Sharp EL-531\*\***

## PHYSICS

FINAL EXAM: THURSDAY, JULY 31

### 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 – 13:00 (June 25 – July 28) PLUS July 29 (9:00 – 12:00)

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 – 13:00 (June 25 – July 28) PLUS July 29 (9:00 – 12:00)

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.

