



2024-2025 Course Catalogue

Champlain College Saint-Lambert is a campus of Champlain Regional College

The College reserves the right to make changes without prior notice to the information contained in this publication, including the alteration of various fees, revision or cancellation of particular courses and modification of dates in the Academic Calendar. Admissions requirements are subject to change by the Ministry.

THE COLLEGE SYSTEM IN QUEBEC (The Cegep Structure)

In the English language sector of Quebec's educational system, students formerly went directly from high school (after completion of Grade 11) to university. In 1967, the Quebec government passed the General and Vocational Colleges Act, providing for a new level of education following high school, the collegial level. Each college is an independent public corporation, separate from both high schools and universities. These Community Colleges of General and Vocational Education, commonly called CEGEP after the initials of the French name "*Collège d'enseignement général et professionnel*," are distinctive institutions in Quebec. They offer two-year general programs, leading to university studies, and three-year technical programs, serving a wide variety of interests. Tuition-free for Quebec residents, the colleges are open to all students who have completed high school.

BOARD OF GOVERNORS & OFFICERS OF THE COLLEGE

For a list of **BOARD OF GOVERNORS & OFFICERS OF THE COLLEGE**, please refer to www.crc-sher.qc.ca and search for **Board Members**.

ADMISSION

For information regarding **ADMISSIONS**, please go to:
<https://champlainsaintlambert.ca/admissions-information/>

CONTINUING EDUCATION

For information regarding **ADMISSIONS**, please go to:
[Continuing Education Hub - Champlain College - Saint Lambert \(champlainsaintlambert.ca\)](http://champlainsaintlambert.ca/continuing-education)

INSTITUTIONAL POLICY ON THE EVALUATION OF STUDENT ACHIEVEMENT (IPESA)

For information regarding the **INSTITUTIONAL POLICY ON THE EVALUATION OF STUDENT ACHIEVEMENT (IPESA)**, please refer to <https://champlainsaintlambert.ca/ipesa/> under IPESL.

BYLAW NUMBER 8 CONCERNING STUDENT SUCCESS

For information regarding **BYLAW NUMBER 8 CONCERNING STUDENT SUCCESS**, please refer to:
<https://champlainsaintlambert.ca/about-us/bylaws-and-policies/> under Champlain College **By-Laws**.

OFFICIAL ACADEMIC CALENDAR & IMPORTANT DATES

For information regarding the **ACADEMIC CALENDAR** and **IMPORTANT DATES**, please go to:
<https://www.champlainonline.com/champlainweb/students/academic-calendar/>

FEES (All fees are subject to change without notice)

For information regarding **FEES**, please go to:
[Student Fees - Champlain College - Saint Lambert \(champlainsaintlambert.ca\)](http://champlainsaintlambert.ca/student-fees)

Complementary courses provide students with an opportunity to take courses outside of their area of study. The Complementary courses are divided into six major domains and every domain is associated with different competencies. All students are required to take two complementary courses that allow them to acquire two different competencies from outside of their program.

AVAILABILITY OF COMPLEMENTARY COURSES BY PROGRAM

DOMAINS	COMPETENCIES AND COURSES	Health Science 200.B1	Pure and Applied Science 200.B1	Computer Science and Mathematics 200.C1	Social Science except Commerce and World Studies with Math	Commerce (Social Science) 300.BB	World Studies with Math (Social Science) 300.WC	Language and Culture 500.AL	Film and New Media 500. FM	Digital Imaging and New Media 500.DM	Nursing 180.A0	Sport Marketing and Management 410.D3	Entrepreneurship 410.D5	Tourism Management 414.A3	Computer Science 420.A3	
	Complementary courses given in SPE	2 & 3	1 & 3	3 & 4	*see note	3 & 4	3 & 4	2 & 3	2 & 4	2 & 4	3&5 (new prog) 4&5 (old prog)	3 & 5	4 & 5	1 & 5	3 & 5	
Social Sciences	000V Estimate the contribution of the social sciences to an understanding of contemporary issues										v except 350 and 387 courses	v except 345, 383, 401, 410 and 412 courses	v except 330, 345, 383, 401, 410 and 412 courses	v except 320, 401, 410 and 414 courses	v except 401, 410, 412 and 420 courses	
	320-C11-LA Exploring Environmental Change	√	√	√	X	X	X	√	√	√	√	√	√	X	√	
	330-A2A-LA Based on a True Story? Popular Culture & the Past	√	√	√	X	X	X	√	√	√	√	√	X	√	√	
	330-C11-LA Sports & Social Issues Throughout History NEW	√	√	√	X	X	X	X	√	√	√	X	√	√	√	
	350-A1A-LA Psychology: Introduction to Social Sciences	√	√	√	X	X	X	√	√	√	X	√	√	√	√	
	381-C11-LA Indigenous People and Globalization	√	√	√	X	X	X	√	√	√	√	√	√	√	√	
	385-A1A-LA Political Science: Politics and Society	√	√	√	X	X	X	√	√	√	√	√	√	√	√	
	387-A1A-LA Sociology: An Introduction to Social Life	√	√	√	X	X	X	√	√	√	√	X	√	√	√	
	000W Analyze one of the major problems of our time using one or more social scientific approaches															
	320-A2A-LA A World of Cities	√	√	√	X	X	X	√	√	√	√	√	√	√	X	√
	340-A2D-LA Meaning and Life's Problems: Exploring Philosophy	√	√	√	X	X	X	√	√	√	√	√	√	√	√	√
	350-C22-LA Psych Yourself Up: Psychological Strategies for Self-Understanding	√	√	√	X	X	X	√	√	√	√	X	√	√	√	√
383-C21-LA Money Skills and Consumer Economics	√	√	√	X	X	X	√	√	√	√	√	X	X	√	√	
Science and Technology	000X Explain the general nature of science and technology and some of the major contemporary scientific or technological issues										v except 101 courses and 109-C31-LA					
	101-B1A-LA Biology: Sharing the Environment	X	X	X	√	√	√	√	√	√	X	√	√	√	√	
	101-B1B-LA Biological Perspectives on Sex	X	X	X	√	√	√	√	√	√	X	√	√	√	√	
	101-B1C-LA Biology of Health and Disease	X	X	X	√	√	√	√	√	√	X	√	√	√	√	
	109-C31-LA Nutrition and Health Management	X	X	X	√	√	√	√	√	√	X	√	√	√	√	
	202-C32-LA Understanding the Things You Put in Your Mouth: Food, Drink & Drugs	X	X	X	√	√	√	√	√	√	√	√	√	√	√	
	203-B1A-LA Astronomy	X	X	X	√	√	√	√	√	√	√	√	√	√	√	
	000Y Resolve a simple problem by applying the basic scientific method															
	105-C41-LA Introduction to Forensic Science	X	X	X	√	√	√	√	√	√	√	√	√	√	√	√
202-B2A-LA Chemistry and the Environment	X	X	X	√	√	√	√	√	√	√	√	√	√	√	√	
Modern Language	000Z Communicate with limited skill in a modern language															
	607-C1A-LA Spanish I	√	√	√	√	√	√	X	√	√	√	√	√	X	√	
	607-C1B-LA The Language of Music in Latinx and Spanish Cultures	√	√	√	√	√	√	X	√	√	√	√	√	X	√	
	608-C1A-LA Italian I	√	√	√	√	√	√	X	√	√	√	√	√	X	√	
	608-C51-LA The Language of Food Culture: Italy	√	√	√	√	√	√	X	√	√	√	√	√	X	√	
	0067 Communicate with relative ease in a modern language															
	TBA	√	√	√	√	√	√	X	√	√	√	√	√	X	√	

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Mathematics Literacy and Computer Science	0011 Recognize the role of mathematics or computer science in contemporary society					v except 201 courses	v except 201 courses								
	420-D11-LA Computer Applications for Commerce	X	X	X	v	v	v	v	v	v	v	X	X	v	X
	0012 Use various mathematical or computer science concepts, procedures and tools for common tasks														
	TBA	X	X	X	v	v	v	v	v	v	v	X	X	v	X
Art and Aesthetics	0013 Consider various forms of art produced according to aesthetic practices											v except for 511-CA2-LA & 345-CA2-LA	v except for 511-CA2-LA & 345-CA2-LA		X except for 511-CA2-LA
	520-C01-LA Music: Back and Forth From Jazz to Rap to Techno	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	530-C01-LA Introduction to Film Studies	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	603-921-LA Cultivating Creativity Online and Beyond	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	0014 Produce a work of art														
	345-CA1-LA NewsActivist	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	345-CA2-LA Public Speaking for Beginners	v	v	v	v	v	v	v	X	X	v	X	X	v	X
	510-CA1-LA Studio Art Workshop / Introduction to Artistic Practices	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	511-A2A-LA Storytelling with Still Photography	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	511-CA1-LA Behind the Camera: An Introduction to Photography	v	v	v	v	v	v	v	X	X	v	v	v	v	X
	511-CA2-LA Creative Imaging with Photoshop	v	v	v	v	v	v	v	X	X	v	X	X	v	v
	530-CA1-LA Behind the Camera: TV Studio Workshop	v	v	v	v	v	v	v	X	X	v	v	v	v	X
603-CA1-LA Creative Writing	v	v	v	v	v	v	v	X	X	v	v	v	v	X	
603-CA2-LA Writing for Journalism	v	v	v	v	v	v	v	X	X	v	v	v	v	X	
Contemporary Issues	021L Consider contemporary issues from a transdisciplinary perspective													v except 365-CB1-LA	
	365-CB1-LA How to Get the Most Bang for Your Travel Dollar	v	v	v	v	v	v	v	v	v	v	v	v	X	v
	365-CB2-LA Model United Nations	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	365-CB3-LA Digital Disruptors	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	021M Explore a contemporary issue from a transdisciplinary perspective														
	365-CB4-LA A Sustainable World? NEW	v	v	v	v	v	v	v	v	v	v	v	v	v	v

Biology

Human Biology

101-901-RE

(Biology for Social Science students only)

Students will be introduced to the basic characteristics of life and how they apply to the human situation. After an introduction to the cell and its functions, the nervous and endocrine systems will be studied in terms of how they regulate the body's activities and maintain a constant internal state in a changing environment. The course will conclude with a brief introduction to the perpetuation of life through reproduction and genetic principles. This course will also include laboratory exercises that will provide an opportunity for students to better visualize aspects of the phenomenon of life.

Credits: 2.00

General Biology II

101-BLB-05

(Biology for Science students only)

Through a comprehensive introduction to the structure and function of life's molecular, cellular and organismal machinery, this course will assist in showing how scientists answer the question, "What makes life tick?" An integrated set of laboratory investigations provides supplementary practical experience. Note: This course is recommended for individuals planning to enter the Biological or Health Sciences (including Medicine) at university.

Absolute Prerequisite: 101 NYA-05

Credits: 2.66

General Biology III

101-BLC-05

(Biology for Science students only)

This course allows students to develop a comprehensive understanding of life at the organismal level by studying the body structure, function and its development. Laboratory work related to plant cloning, in-vitro fertilization and dissections give students a unique, hands-on experience. This course is only offered once a year and can be taken before, during or after 101-BLB. This course is recommended for students planning to enter the biological or health sciences (in particular medicine, dentistry, physiology, physiotherapy and biology) at university, however, pure and applied science students can also take it.

Absolute Prerequisite: 101 NYA-05

Credits: 2.66

Anatomy and Physiology I

101-N11-LA

(Biology for Nursing students only)

Anatomy and Physiology I introduces students to a broad range of fundamental concepts in human biology. Emphasis is placed on the integration of knowledge of the human body and its multiple functions. This course is designed specifically for the nursing program and contains a lab component. Students will first be introduced to the chemical, cellular and tissue levels of body organization before making a detailed study of the anatomy and physiology of the integumentary, cardiovascular and respiratory systems.

Credits: 2.66

Anatomy and Physiology II

101-N21-LA

(Biology for Nursing students only)

Anatomy and Physiology II introduces students to a broad range of fundamental concepts in human biology. Emphasis is placed on the integration of knowledge of the human body and its multiple functions. This course is designed specifically for the nursing program and contains a lab component. Students will examine the anatomy and physiology of the urinary, digestive, endocrine and nervous systems.

Prerequisite: 101-N11-LA

Credits: 2.66

<p>Anatomy and Physiology III (Biology for Nursing students only) Anatomy and Physiology III introduces students to a broad range of fundamental concepts in human biology. Emphasis is placed on the integration of knowledge of the human body and its multiple functions. This course is designed specifically for the nursing program. Students will examine the anatomy and physiology of the muscular, skeletal and reproductive systems as well as cell physiology and human genetics. Prerequisite: 101-N21-LA</p>	<p>101-N31-LA</p> <p>Credits: 2.00</p>
<p>Microbiology & Immunology (Biology for Nursing students only) The Microbiology and Immunology course introduces students to a broad range of fundamental concepts in microbiology and the understanding of the immune system. Emphasis is placed on the characterization of various types of invaders and the immune response generated by their presence in the human body.</p>	<p>101-N41-LA</p> <p>Credits: 2.66</p>
<p>General Biology I (Biology for Science students only) Science students taking this course acquire a broad base in the life sciences. The four unifying concepts of genetics, diversity, cell theory, and evolution combine to form a strong foundation for further study. Topics developed include classical genetics with some human genetic disorders, evolutionary theory, unity in diversity, and cell reproduction. By following an investigative format, the laboratory activities provide a wide range of practical experience with biological tools and research approaches. Note: This course is required for all science students</p>	<p>101-NYA-05</p> <p>Credits: 2.66</p>
<p>Human Biology Students will be introduced to the basic characteristics of life and how they are exhibited in humans. After an introduction to the cell and its functions, the nervous and endocrine systems will be studied in terms of how they regulate the body's activities and maintain a constant internal state in a changing environment. The course will conclude with a brief introduction to human reproduction and human genetics. This course will also include laboratory exercises that will provide an opportunity for students to better visualize aspects of human anatomy and physiology.</p>	<p>101-SHB-LA</p> <p>Credits: 2.00</p>
<p>Cell Biology (Biology for Science students only) Biology is the study of living things. What does it mean to be alive? Cell Biology explores this question at the cellular and molecular levels. To do so, the topics covered in the course include genetics and the role of DNA in the cell, cellular division, metabolism, as well as modern applications of biotechnology. The lab component of the course allows for the exploration of important technical skills such as the use of high-powered microscopes, an introduction to the field of bioinformatics, the genetic engineering of bacterial cells and the rigorous analysis of laboratory data. Cell Biology also serves as a prerequisite for the Ecology and Evolution and Human Anatomy and Physiology courses.</p>	<p>101-SN1-RE</p> <p>Credits: 2.00</p>

Ecology and Evolution**101-SN2-RE**

(Biology for Science students only)

Ecology and Evolution examines how evolution led to the incredible diversity of living organisms on Earth and how population genetics contribute to this process. Furthermore, this course addresses the fundamentals of ecology, which is the study of interconnections between living organisms and their environment. The lab component of the course explores many topics, including an introduction to ecological field work and phylogenetics (how different species are related to each other). An important outcome of the course is the critical understanding of the impact humans have on the biosphere, notably with respect to the diversity of life on the planet, with a view to helping society find solutions to these concerns.

Prerequisite: 101-SN1-RE

Credits: 1.66

Human Anatomy and Physiology**101-SNU-RE**

(Biology for Science students only)

The human body is an intricate collection of highly organised and complex systems that work in constant balance to maintain health. Human Anatomy and Physiology explores these systems and their functioning through the lens of this delicate balance, known as homeostasis. Topics studied include the cardiovascular, respiratory, urinary, digestive, nervous, endocrine and immune systems. The lab component of the course supports the theory learned in class through varied activities such as dissections, use of microscopes and hands-on models. Furthermore, the skills of data analysis, objective interpretation of evidence, and effective communication of knowledge will be developed throughout this course.

Prerequisite: 101-SN1-RE

Credits: 2.00

Integration of Science in the Laboratory**360-SNP-LA**

(Course for Science students only)

The Integration of Science in the Laboratory course will be the culmination of the science program at Champlain College Saint-Lambert. Through a series of guided projects in biology, chemistry, and physics, students will apply their existing skills and knowledge to tackle intriguing challenges. After completing three independent disciplinary projects, students will reflect on their experiences and identify commonalities between problem solving and scientific approaches across disciplines thus integrating their understanding of the scientific process. A student who completes this course will be able to demonstrate that science is an integrated field of study and will gain the confidence and experience to be an independent problem solver in any discipline.

Prerequisites: 101-SN1-RE, 101-SN2-RE, 202-SN1-RE, 202-SN2-RE, 203-SN1-RE, 203-SN2-RE, 203-SN3-RE, 201-SN1-RE, 420-SN1-RE; the completion of 201-SN2-RE and 201-SN3-RE are highly recommended

Credits: 2.00

Physical Education

(Group Fitness) Fitness & Wellnes**109-1M1-01**

(109-101-MQ)

This course will provide the students with the opportunity to experience and explore various group-based workouts. Workouts will consist of activities such as group cardio activities, group strength training, circuit training, boot camp, Pilates and yoga. In addition to these activities, students will explore and assess their current fitness, overall wellness and lifestyle choices to determine how “well” they are and what changes they can start to make to lead a healthy active lifestyle.

Credits: 1.00

(Total Body Cond) Fitness & Wellness**109-1M1-07**

(109-101-MQ)

This course will provide the student with the opportunity to experience and explore various methods of conditioning training through cardiovascular and muscular training workouts. Each week, a new group workout will be explored! An emphasis will be placed on active participation and the application of safe and effective exercise techniques. In addition to these activities, students will explore and assess their current fitness, overall wellness and lifestyle choices in order to determine how “well” they are and what changes they can start to make to lead a healthy active lifestyle.

Credits: 1.00

(Hiking) Fitness & Wellness**109-1M1-20**

(109-101-MQ) § There is an obligatory transportation fee associated with this course.

This course will provide the students the unique opportunity to develop and foster a greater connection and appreciation for outdoor activities/pursuits through hiking activities. Practical session for this course includes two compulsory one-day hiking trips (Mt. Royal, Mt. St-Bruno, Mt. St-Hilaire and/or Mt. Orford). Prior to the trips, students will meet with their teacher at the college for an information session. Due to the nature of the course, students will be expected to complete and submit their written assignments online. Dates and fee are subject to change.

Credits: 1.00

(Games) Fitness & Wellness**109-1M1-24**

(109-101-MQ)

The emphasis of this course is on the attainment of physical fitness, health, and wellness through participation in a variety of sports. Students will be given the opportunity to participate in various games such as basketball, volleyball, badminton, soccer and cosom hockey. An emphasis will be placed on active participation and exploring the relationship between health, wellness and sport.

Credits: 1.00

(Winter Activities - Intensives) Fitness & Wellness**109-1M1-32**

(109-101-MQ) § There is an obligatory transportation fee associated with this course.

This course will provide the students the unique opportunity to develop and foster a greater connection and appreciation for outdoor activities/pursuits regardless of the season through various winter activities such as cross-country skiing and snowshoeing. Practical session for this course includes two compulsory one-day trips (Mt. Royal, Mt. St-Bruno, Mt. St-Hilaire and/or Mt. Orford). Prior to the trips, student will meet with their teacher at the college for an information session. Due to the nature of the course, student will be expected to complete and submit their written assignments online. Equipment is provided by the college. Dates and fee are subject to change.

Credits: 1.00

Soccer I **109-1M2-17**
(109-102-MQ)
This course is designed to develop and improve various technical, tactical, physical and psychological skills enabling the student to enjoy the game on a recreational or competitive basis. FIFA rules, regulations and organization of indoor and outdoor soccer will also be covered.

Credits: 1.00

Tennis **109-1M2-21**
(109-102-MQ) \$ There is a fee associated with this course
This course is designed to develop basic skills and interest in tennis for the student's enjoyment as a recreational activity. Basic skills such as the serve, forehand, backhand, volley and overhead, as well as the basic strategy of single and double play will be covered. There is an obligatory transportation fee associated with this course. Equipment will be provided. Fees subject to change.

Credits: 1.00

Recreational Hockey **109-1M2-24**
(109-102-MQ)
This course is designed for students wishing to develop and/or improve their ability to play the game of ice hockey. The objective of this course is to introduce the basic skills, rules and strategies of recreational ice hockey. The following skills and theory will be covered: skating, passing, shooting, game play, rules and strategies. Students will have an opportunity to learn and practice these skills and be better prepared to comfortably participate in the recreational hockey setting. This course presumes that students are experienced skaters. Students must have a hockey or ringette helmet with full cage or full-face visor, gloves, stick and skates. No equipment is provided. The course takes place off campus and students must have their own transportation.

Credits: 1.00

Weight Training **109-1M2-28**
(109-102-MQ)
This course will teach basic exercises using both free weights and machines. The primary emphasis will be on using correct technique and improving muscle tone and strength. Students will do a variety of weight training programs and will progress at their own rate. Theory topics include guidelines for beginners, rules of safety, principles of weight training, the relationship between the number of repetitions and the weight lifted, and physiological benefits of weight training.

Credits: 1.00

Yoga **109-1M2-32**
(109-102-MQ)
The practice of yoga makes the body strong and flexible; it also improves the functioning of the respiratory, circulatory, digestive, and hormonal systems. Yoga brings about emotional stability and clarity of mind, enhancing the mind-body connection. In this introductory course, students will experience yoga postures (asanas) and breathing techniques (pranayama), as well as meditation and deep relaxation. Students will learn how the practice of yoga can reduce stress and anxiety, and improve concentration and focus. Through sequenced exercises (vinyasas) and movements, the student will come to feel more balanced, centered, coordinated, flexible and strong.

Credits: 1.00

Downhill Skiing **109-1M2-34**
(109-102-MQ) \$ Overnight trip. There is a fee associated with this course
. Downhill skiing; open to all skill levels from beginner to advanced. The course takes place during the winter break in early January. Students will improve their skills through student-centered teaching and increase their knowledge base by becoming familiar with the Canadian Technical Approach to skiing. This course is a three-day overnight trip to the Mont Blanc and Tremblant ski areas. There is a fee of \$400 (Lift tickets, lesson, transportation, accommodation and food provided). Ski or board rental is extra. Dates and fees subject to change.

Credits: 1.00

<p>Snowboarding</p> <p>(109-102-MQ) \$ There is a fee associated with this course</p> <p>Students will be exposed to the various skills required in snowboarding and will learn how these skills are developed and evaluated. This course will be held on three full days in December or January at Mt. Bromont and/or Mt. Orford Ski Centre and is designed for the beginner to intermediate snowboarder. Students must either own or rent equipment (at an extra charge). Dates and fee are subject to change.</p>	<p>109-1M2-35</p> <p>Credits: 1.00</p>
<p>Ultimate Frisbee</p> <p>(109-102-MQ)</p> <p>This course is designed to introduce students to the skills and strategy involved in the fast-moving game of ultimate Frisbee. Students will learn different throws, along with offensive (i.e., the stack) and defensive tactics (i.e., marking, the force). An emphasis will be placed on small-sided games and the underlying principle of SOTG (spirit of the Game).</p>	<p>109-1M2-36</p> <p>Credits: 1.00</p>
<p>Downhill Skiing/Snowboarding</p> <p>(109-102-MQ) \$ There is a fee associated with this course.</p> <p>Downhill skiing and snowboarding; open to all skill levels from beginner to advanced. The course takes place during the winter break in early January. Students will improve their skills through student-centred teaching and increase their knowledge base by becoming familiar with the Canadian Technical Approach to skiing and boarding. This course is a three-day overnight trip to the Mont Blanc and Mont Tremblant ski areas. There is an obligatory transportation fee. Dates and fee are subject to change. Ski or board rental is extra.</p>	<p>109-1M2-37</p> <p>Credits: 1.00</p>
<p>Ready, Set, Run!</p> <p>(109-102-MQ)</p> <p>This course is designed for any student wishing to develop or improve their running abilities and increase their overall level of fitness. Through regular weekly runs, students will learn how to gradually build their running stamina with the objective being to improve their running skills, and to participate in and experience a 5KM run/race. Topics discussed will include; proper running technique, various methods of training, nutrition for running, injury prevention, and race day preparation.</p>	<p>109-1M2-39</p> <p>Credits: 1.00</p>
<p>Yoga (semi-intensive): World Views & Practice</p> <p>(THIS COURSE MUST BE TAKEN IN CONJUNCTION WITH A HUMANITIES 102 - TOTAL OF 3 CREDITS)</p> <p>(109-102-MQ) \$ Overnight weekend with a fee associated to this course.</p> <p>In this interdepartmental Humanities and Physical Education course students will, through an analysis of different world views on yoga, both past and present, explore diverse traditions of yoga from philosophical, cultural, literary, scientific, and practical perspectives. In the Physical Education component of this introductory course, students will learn and practice yoga postures (asanas), breathing exercises (pranayama), meditation and deep relaxation techniques. Through a process of self-assessments, goal setting, journaling and weekly personal practices, students will learn how to create their own personal "vinyasa" (flow of yoga postures) and develop the skills to enjoy a safe, effective yoga practice. As a semi-intensive course (11 weeks), students are required to attend one Saturday class and one overnight weekend retreat (Friday p.m. to Sunday p.m.), transportation included. Fee is subject to change.</p> <p>Absolute Corequisite: 345-102-MQ</p>	<p>109-1M2-40</p> <p>Credits: 1.00</p>

Golf (Intensive)	109-1M2-41
(109-102-MQ) \$ There is an obligatory fee associated with this course.	
The 1M2 golf course is an intensive outdoor education course (held over 4 Saturdays or Sundays at Golf Express in La Prairie) designed to engage the student in a process that will lead to their achievement of the competency: "To improve one's effectiveness when practicing a physical activity (GOLF)". The student will apply a plan of action that leads to improvement in golf by participating in class, completing worksheets, designing a training program and acquiring knowledge through lectures and reflection. The methodology consists of assessment of current situation, goal setting and focused action. Students must have access to their own golf clubs. Dates and fee are subject to change.	
	Credits: 1.00
(Badminton) Active Living	109-1M3-01
(109-103-MQ)	
Students will have the opportunity to plan, manage and practice a personalized program in badminton which specifically meets his/her needs and interests. This will be done with a health perspective in mind.	
Prerequisites: 109-101-MQ & 109-102-MQ	
	Credits: 1.00
(Basketball) Active Living	109-1M3-03
(109-103-MQ)	
The student will learn how to improve his/her basketball skills to be able to continue this sport on a recreational basis, thus contributing to a healthy lifestyle. The students will also help plan, manage and practice a program specific to their own needs and interests.	
Prerequisites: 109-101-MQ & 109-102-MQ	
	Credits: 1.00
(Waterfront Activities - Intensive) Active Living	109-1M3-10
(109-103-MQ) \$ There is an obligatory transportation fee.	
Students will meet once during the first week of the semester to plan and design their own personal fitness program. They will then follow this personal program throughout the winter semester and then participate in 3 compulsory day trips at the end of May at the Olympic Basin, Parc national des Iles-de-Boucherville and Parc de la rivière des Mille-Iles. The aim of this course is to explore the possibilities of developing and maintaining an active lifestyle through water-related activities such as canoeing, kayaking, and dragon boating. There is an obligatory transportation fee. Dates and fee are subject to change.	
Absolute Prerequisite: <u>Student must be comfortable in the water.</u>	
Prerequisites: 109-101-MQ & 109-102-MQ	
	Credits: 1.00
(Fit For Life) Active Living	109-1M3-12
(109-103-MQ)	
Students will set goals based on their present lifestyle and use the components of fitness to develop and manage a workout regime to meet their specific needs and interests, and to pursue an active lifestyle on a recreational or competitive basis. Regular evaluation is encouraged to make necessary adjustments.	
Prerequisites: 109-101-MQ & 109-102-MQ	
	Credits: 1.00
(Tennis) Active Living	109-1M3-16
(109-103-MQ) \$ There is an obligatory transportation fee.	
The student will learn how to plan, practice and manage a tennis program appropriate for their level. This will be done with a health perspective in mind. There is an obligatory transportation fee associated with this course. Equipment will be provided. Fees are subject to change.	
Prerequisites: 109-101-MQ & 109-102-MQ	
	Credits: 1.00

(Soccer) Active Living **109-1M3-19**
(109-103-MQ)
The student will learn how to improve his/her soccer skills to be able to continue this sport on a recreational basis, thus contributing to a healthy lifestyle. The student will also help to plan, manage and practice a program specific to their needs and interests.
Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Yoga) Active Living **109-1M3-23**
(109-103-MQ)
This 1M3 yoga course aims to develop active living through regular yoga practice and physical activity participation. Weekly yoga classes will motivate students to experience and learn about various concepts of yoga (postures, breathing & relaxation techniques) and to use these concepts to develop a personal yoga practice. In addition, students will develop knowledge, skills, and attitudes to plan, follow, and track a personalized and meaningful physical activity program over the semester. Students will leave this course with confidence, motivation, motor competence, and autonomy necessary for being physically active for life!
Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Team Sports) Active Living **109-1M3-29**
(109-103-MQ)
The 103 Team Sports course is designed to introduce the student to a variety of recreational team sports and give each student an opportunity for continued involvement in physical activity. Students will have the opportunity to learn the basic rules and strategies of each sport and incorporate their knowledge into game situations. Lead-up and modified games will help the student improve the skills required to play each sport at the recreational level. The student will also work toward specific goals and build a personalized training program which can be continued upon completion of this course. Successful students will have learned to responsibly engage in physical activity in order to promote a healthy and active lifestyle. Team sports covered in this course are subject to change, but generally include basketball, volleyball, floor hockey, ultimate frisbee, soccer, and doubles badminton.
Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Winter Activities - Intensives) Active Living **109-1M3-31**
(109-103-MQ) \$ There is an obligatory transportation fee associated with this course.
This intensive course is designed to explore the possibilities of developing and maintaining an active lifestyle through winter-related activities such as cross country skiing, show shoeing and/or hiking. Students will meet during the first week of the semester to plan and design a personal fitness/activity program. This will be followed by 2 compulsory day trips. A follow up meeting will take place at the end of the semester. There is an obligatory transportation fee associated with this course. Fees are subject to change.
Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Ice Activities) Active Living **109-1M3-32**
(109-103-MQ)
Students will explore a variety of games and activities while skating. Skating techniques, balance, agility and power will be improved. Although not required, it is recommended that students have experience skating. Students will create and follow their own individualized training program and have the ability to incorporate on-ice related activities that can be continued for life and contribute to a healthy lifestyle. This course takes place at Complex Sportif Longueuil and students must have the ability to get themselves to and from the arena. Students must have skates and a helmet to participate in this course.
Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Yoga-Intensive) Active Living**109-1M3-33**

(109-103-MQ) \$ Overnight weekend getaway with a fee associated to this course.

This intensive course will provide students the tools and skills needed to develop their own personal yoga practice which they will follow and track independently over the course of the semester. Monthly meetings (3) will allow students to experience and learn about various concepts of yoga (postures, breathing & relaxation techniques), and to use these concepts as a means to develop a personal yoga practice. The course will conclude with an overnight weekend retreat after the exam period. Dates and fee are subject to change.

Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Golf - Intensive) Active Living**109-1M3-34**

(109-103-MQ) \$ There is a fee associated with this course.

The 1M3 golf course is an intensive outdoor education course that addresses the competency of designing and managing a personal activity program that incorporates healthy lifestyle choices. This course contributes to the student's development of responsible behaviors leading to the promotion and improvement of health. The learning situation will require the application of fundamental knowledge and experiences acquired in the 1M1 and 1M2 courses. Using Golf as the main form of physical activity in class, the student will explore a variety of health-related activities and be responsible for choosing, performing, and scheduling activities appropriate to meet personal needs, interests, and abilities. Students must have access to their own golf clubs. Dates and fee are subject to change.

Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

(Downhill Skiing - Intensive) Active Living**109-1M3-35**

(109-103-MQ) \$ There is a fee associated with this course

This intensive course will allow students to participate in recreational downhill skiing. As part of active living, students will understand the importance of lifelong activity and, upon completion of the course, students will be able to incorporate downhill skiing into their lifestyle. The course takes place just prior to the beginning of the winter semester. The course is a 2-day overnight course. Accommodations, meals, transport & lift tickets to Ski Mt-Blanc and Station Ski Mt-Tremblant, are included in course fees (subject to change). Students must either own their equipment or rent at an extra charge. All skill levels (new skiers, beginners, intermediate and advanced) are welcome. No skiing experience required. Dates and fee are subject to change.

Prerequisites: 109-101-MQ & 109-102-MQ

Credits: 1.00

Nursing

Introduction aux soins infirmiers (contexte clinique)

180-F13-LA

Ce cours est conçu pour initier les élèves au milieu clinique dans un environnement de faible acuité où ils seront en mesure d'appliquer ce qu'ils apprennent dans les cours 180-N11-LA et 180-N12-LA. Les élèves s'occuperont d'un patient tout en intégrant les connaissances acquises dans les cours 180-N11-LA et 180-N12-LA et en développant des compétences de raisonnement clinique. Ils utiliseront quotidiennement le processus de soins infirmiers, en recueillant et en analysant des données, en créant, en mettant en œuvre et en évaluant un plan de soins. Ils utiliseront leurs compétences en communication pour interagir avec les patients lors de l'évaluation de leur état de santé et de l'examen physique.

Corequisites: 180-N11-LA, 180-N12-LA

Prerequisites or corequisites: 101-N11-LA, 350-N11-LA

Credits: 2.00

Introduction to Nursing

180-N11-LA

This introductory course to the Nursing profession is designed to present core concepts related to nursing, such as the role of the nurse, the health care system, laws, values, and ethics. It also includes the philosophy and conceptual framework of the Nursing program, embracing a "Strengths-Based Nursing" approach ("SBN"), as well as an overview of pharmacological principles. The student will be introduced to the Nursing Process (Assessment, Diagnosis, Plan, Intervention, Evaluation or "ADPIE") through case scenarios. The ADPIE and SBN approach are at the forefront of all Nursing courses. Students will also explore health promotion concepts such as hygiene care, consequences of immobility, skin integrity, elimination, and nutrition.

Corequisites: 180-N12-LA, 180-N13-LA

Prerequisites or corequisites: 101-N11-LA, 350-N11-LA

Credits: 2.33

Health Assessment & Physical Examination

180-N12-LA

This course introduces students to an essential role of the nurse; that is, the Health Assessment and Physical Examination. Students will learn to assess pain and vital signs and develop assessment skills related to various health systems, such as respiratory, neurological, gastrointestinal, to name a few.

Corequisites: 180-N11-LA, 180-N13-LA

Prerequisites or corequisites: 101-N11-LA, 350-N11-LA

Credits: 1.33

Introduction to Nursing - Clinical

180-N13-LA

This course is designed to introduce students to the clinical setting in a low acuity environment where they will be able to apply what they are learning in 180-N11-LA and 180-N12-LA courses. Students will care for one patient while integrating knowledge acquisition from 180-N11-LA and 180-N12-LA courses and developing clinical reasoning skills. They will apply the Nursing Process daily, collecting and analyzing data, creating, implementing, and evaluating a plan of care. They will use communication skills to interact with patients as they perform a health assessment and physical examination.

Corequisites: 180-N11-LA, 180-N12-LA

Prerequisites or corequisites: 101-N11-LA, 350-N11-LA

Credits: 2.00

Introduction to Medical-Surgical Nursing & Chronic Illnesses **180-N21-LA**

In this course, students will be introduced to medical/surgical care with a focus on common chronic illnesses and core concepts such as obesity, oxygenation (e.g., pneumonia) and gastrointestinal disorders (e.g., peptic ulcer). They will use knowledge acquired in the first semester courses to analyze these illnesses and apply the Nursing Process (ADPIE). It also familiarizes students with nursing communication principles. This course links theory to practice using realistic contexts and case studies.

Prerequisites: All Nursing-specific courses from the first semester (incl.:101-N11-LA, 350-N11-LA)

Corequisites: 180-N22-LA, 180-N23-LA

Prerequisite or corequisite: 101-N21-LA

Credits: 2.33

Wellness in the Aging Adult **180-N22-LA**

This course is designed for students to develop knowledge on the normal changes in the healthy aging adult. Students will learn to differentiate normal from abnormal aging and be introduced to the concept of quality of life. They will also acquire knowledge on common pathologies of the aging adult such as diabetes and sensory changes. Health promotion concepts such as hydration and elimination will continue to be explored. The course builds on knowledge acquired in 180-N11-LA and 180-N12-LA.

Prerequisites: All Nursing-specific courses from the first semester (incl.:101-N11-LA, 350-N11-LA)

Corequisites: 180-N21-LA, 180-N23-LA

Prerequisite or corequisite: 101-N21-LA

Credits: 1.33

Introduction to Medical-Surgical Nursing & Chronic Illnesses - Clinical **180-N23-LA**

This course is designed to introduce students to medical/surgical nursing care in a clinical setting. Students will be able to apply what they are learning in 180-N21-LA and 180-N22-LA courses, as well as continue to develop communication skills using the "Strengths Based Nursing" approach. They will continue developing clinical reasoning skills by applying the Nursing Process specifically to patients with a low acuity health situation.

Prerequisites: All Nursing-specific courses from the first semester (incl.:101-N11-LA, 350-N11-LA)

Corequisites: 180-N21-LA, 180-N22-LA

Prerequisite or corequisite: 101-N21-LA

Credits: 2.00

Medical-Surgical Nursing II **180-N31-LA**

In this course, students will build on previously acquired knowledge in medical/surgical care while focusing on surgical concepts and pathologies leading to surgical interventions. Students will become familiar with medications and skills associated to surgical care. They will apply the Nursing Process (ADPIE) throughout the course using a Strengths-Based Nursing approach.

Prerequisites: 180-N21-LA, 180-N22-LA, 180-N23-LA, 101-N21-LA, 350-N11-LA

Corequisite: 180-N32-LA

Prerequisite or corequisite: 101-N31-LA

Credits: 1.66

Medical-Surgical Nursing II - Clinical **180-N32-LA**

This course provides students with an opportunity to apply concepts learned in the 180-N31-LA course in a medical/surgical clinical setting. The student will care for one patient with a low to medium acuity health situation, and continue developing clinical reasoning and decision-making skills, clinical links and clinical judgment by applying the Nursing Process using a "Strengths Based Nursing" approach.

Prerequisites: 180-N21-LA, 180-N22-LA, 180-N23-LA, 101-N21-LA, 350-N11-LA

Corequisite: 180-N31-LA

Prerequisite or corequisite: 101-N31-LA

Credits: 2.66

<p>Perinatal Care and Women's Health</p> <p>This course focusses on perinatal care and women's health. Students will learn pre-conception, childbearing, labour and delivery, and post-natal care for mothers and babies. They will apply the Nursing Process (ADPIE) throughout the course using a "Strengths-Based Nursing" approach. They will acquire knowledge regarding specific women's health issues as well as be introduced to the teaching process.</p> <p>Prerequisites: 101-N21-LA, 350-N11-LA Corequisite: 180-N34-LA Prerequisites or corequisites: 180-N31-LA, 180-N32-LA, 101-N31-LA, 387-N31-LA</p>	<p>180-N33-LA</p>
Credits: 1.66	
<p>Perinatal Care and Women's Health - Clinical</p> <p>This course introduces students to perinatal nursing care in a clinical setting. The students will apply concepts learned in the 180-N33-LA course while caring for mothers and babies in a post-partum clinical setting. They will apply the Nursing Process daily, collecting and analyzing data, creating, implementing, and evaluating a plan of care specific to this patient population. They will also develop teaching skills and apply the teaching process with different families in varying health situations.</p> <p>Prerequisites: 101-N21-LA, 350-N11-LA Corequisite: 180-N33-LA Prerequisites or corequisites: 180-N31-LA, 180-N32-LA, 101-N31-LA, 387-N31-LA</p>	<p>180-N34-LA</p>
Credits: 2.00	
<p>Medical-Surgical Nursing III</p> <p>Building on previously acquired knowledge in medical/surgical courses, this fourth semester course will provide students with continued learning opportunities in the medical/surgical field with a focus on medical concepts. Students will apply the Nursing Process (ADPIE) throughout the course using a "Strengths- Based Nursing" approach related to complex health situations such as organ failures, complex wounds, and neurological injuries, to name a few. Students will acquire specific knowledge related to complex health situations using various learning activities, primarily realistic contexts and case studies.</p> <p>Prerequisites: 180-N31-LA, 180-N32-LA, 101-N31-LA Corequisite: 180-N42-LA Prerequisite or corequisite: 101-N41-LA</p>	<p>180-N41-LA</p>
Credits: 1.66	
<p>Medical-Surgical Nursing III - Clinical</p> <p>This course provides students with an environment to apply what they are learning in the 180-N41 -LA course in a medical/surgical clinical setting. They will continue developing critical thinking abilities and clinical judgment with varying patients in a medium acuity health situation by using the Nursing Process and the "Strengths-Based Nursing" approach.</p> <p>Prerequisites: 180-N31-LA, 180-N32-LA, 101-N31-LA Corequisite: 180-N41-LA Prerequisite or corequisite: 101-N41-LA</p>	<p>180-N42-LA</p>
Credits: 2.33	
<p>Pediatric Care</p> <p>This course is an introduction to pediatric nursing care. The student will acquire knowledge in the different stages of child development, common pathologies for this age group, and specific pediatric pharmacology principles. They will learn how to adapt their approach and communication with children and families, as well as develop assessment skills with this population using the Nursing Process (ADPIE) and a "Strengths-Based Nursing" approach.</p> <p>Prerequisites: 180-N31-LA, 180-N32-LA, 180-N33-LA, 180-N34-LA Corequisite: 180-N44-LA Prerequisites or corequisites: 180-N41-LA, 180-N42-LA, 101-N41-LA, 350-N41-LA</p>	<p>180-N43-LA</p>
Credits: 1.66	

Pediatric Care - Clinical **180-N44-LA**

This course introduces students to pediatric nursing. The students will apply knowledge from the 180-N43-LA course in a pediatric clinical setting. The students will implement nursing care for children of varying ages with low to medium acuity health situations, and adapt their approach and communication to their developmental stage. They will apply the Nursing Process daily, collecting and analyzing data, creating, implementing, and evaluating a plan of care specific to this patient population.

Prerequisites: 180-N31-LA, 180-N32-LA, 180-N33-LA, 180-N34-LA

Corequisite: 180-N43-LA

Prerequisites or corequisites: 180-N41-LA, 180-N42-LA, 101-N41-LA, 350-N41-LA

Credits: 2.33

Medical-Surgical Nursing IV & Ambulatory Care **180-N51-LA**

Building on acquired knowledge from previous medical-surgical courses, this fifth semester course provides students with learning opportunities in the medical/surgical field with a focus on ambulatory care and complex health situations, for example, advanced respiratory concepts, organ transplant, autoimmune disorders, and acid-base regulation. Students will apply the Nursing Process for these complex health situations using various learning activities, primarily realistic contexts and case studies. Simulation will be used to re-create the hospital setting for patients with high acuity care in need of emergency measures.

Prerequisites: 180-N41-LA, 180-N42-LA, 180-N43-LA, 180-N44-LA, 101-N41-LA

Corequisite: 180-N52-LA

Credits: 1.66

Medical-Surgical Nursing IV & Ambulatory Care - Clinical **180-N52-LA**

In this course, students will apply knowledge from the 180-N51-LA course as well as all previous medical/surgical courses in a medical/surgical clinical setting – including an ambulatory care setting. They will continue developing clinical reasoning, judgment, and decision-making abilities while caring for various patients with medium to high acuity health situations. The students will apply the Nursing Process daily, collecting and analyzing data, creating, implementing, and evaluating a plan of care specific to each patient. They will be involved in the multidisciplinary team and learn to delegate care to the other healthcare providers.

Prerequisites: 180-N41-LA, 180-N42-LA, 180-N43-LA, 180-N44-LA, 101-N41-LA

Corequisite: 180-N51-LA

Credits: 2.33

Mental Health Care **180-N53-LA**

This course introduces students to caring for patients and families with mental illnesses. Students will attain knowledge related to different types of mental health disorders such as anxiety, schizophrenia, personality disorders, and depression, to name a few. They will understand the legal and ethical implications related to patients with mental health disorders using realistic contexts and case studies. Students will continue to develop their communication skills, learning how to adapt to various patients with mental health disorders, including crisis interventions, using learning activities such as role-play and simulation.

Prerequisites: 180-N41-LA, 180-N42-LA, 101-N41-LA

Corequisite: 180-N54-LA

Prerequisites or corequisites: 180-N51-LA, 180-N52-LA

Credits: 1.66

Mental Health Care - Clinical**180-N54-LA**

This course provides students with an environment where they will apply knowledge attained from the 180-N53-LA course. The mental health clinical will take place in either a hospital setting or other mental health facility. The students will develop clinical reasoning abilities and clinical judgment with patients undergoing mental health disorder experiences. The students will focus on building a therapeutic relationship with this patient population while applying the Nursing Process and the “Strengths Based Nursing approach”.

Prerequisites: 180-N41-LA, 180-N42-LA, 101-N41-LA**Corequisite: 180-N53-LA****Prerequisites or corequisites: 180-N51-LA, 180-N52-LA****Credits: 3.00**

Nursing Integration**180-N61-LA**

This course is meant to help students prepare for their licensing exam while reviewing the core concepts discussed since semester one. It provides them with an opportunity to make deeper links in all health situations as they have attained required knowledge and understanding of global health situations of patients and their families. They will learn to adapt to various work situations such as assuming emotional consequences of carrying out patient care, managing stress related to professional practice, preventing professional burnout, and organizing one’s workload. Learning activities for this course will consist mainly of simulation, realistic contexts and case studies. Students will prepare a health promotion activity geared towards cegep students.

Prerequisites: All Nursing-specific courses from semesters 1 to 5 (incl.: all 101s, 350s, 387 courses)**Corequisite: 180-N62-LA****Prerequisites or corequisites: 180-N63-LA, 180-N64-LA, 387-N61-LA****Credits: 1.66**

Nursing Integration - Clinical**180-N62-LA**

In this course, students continue developing clinical reasoning, judgment, and decision-making abilities while caring for patients with high acuity health situations in a medical/surgical clinical setting. It is an integration of all the knowledge and experience attained throughout the program as the students develop autonomy and proficiency in becoming novice nurses.

Prerequisites: All Nursing-specific courses from semesters 1 to 5 (incl.: all 101s, 350s, 387 courses)**Corequisite: 180-N61-LA****Prerequisites or corequisites: 180-N63-LA, 180-N64-LA, 387-N61-LA****Credits: 4.66**

Gerontology Care**180-N63-LA**

This course builds on knowledge acquired from the first semester. Students will have a deeper understanding of caring for the older adult. They will learn about abnormal aging and common gerontological issues and disorders, for example dementia, delirium, Parkinson’s disease, elder abuse, restraints and alternatives, and polypharmacy. Students will learn communication and assessment skills specific to these patients. Students will acquire knowledge using the Nursing Process (ADPIE) in various learning activities, primarily realistic contexts, case studies, and simulation.

Prerequisites: All Nursing-specific courses from semesters 1 to 5 (incl.: all 101s, 350s, 387 courses)**Corequisite: 180-N64-LA****Prerequisite or corequisite: 387-N61-LA****Credits: 1.66**

Gerontology Care - Clinical**180-N64-LA**

This course provides students with an environment where they will apply knowledge attained from the 180-N63-LA course. The clinical will take place in a gerontology setting or other long-term care facility. The students will continue developing clinical reasoning, judgment, and decision-making abilities while caring for patients with gerontological illnesses as well as their families going through challenging health experiences. The students will apply the Nursing Process daily, adapting their approach and care, using geriatric assessment tools, creating, implementing, and evaluating a plan of care with the multidisciplinary team while delegating care to other healthcare providers.

Prerequisites: All Nursing-specific courses from semesters 1 to 5 (incl.: all 101s, 350s, 387 courses)

Corequisite: 180-N63-LA

Prerequisite or corequisite: 387-N61-LA

Credits: 3.00

Mathematics

Remedial Activities for Secondary V Mathematics: Technical and Scientific Option (Functions and Trigonometry)

201-015-LA

(Note: This course will be considered as an extra credit for Diploma purposes)

This functions course is for students who need High School Mathematics ST 5 equivalence. Topics include basic functions and their graphs with special emphasis on polynomial functions, absolute value, roots, reciprocals, conics, logarithmic and exponential functions, trigonometric functions, inverse trigonometric functions, and their applications.

Prerequisite: Math SN 4 or ST 4, 201-016-LA, or old regime Math 426, 436 or 526

Credits: 3.33

Remedial Activities for Secondary IV Mathematics: Technical and Scientific Option (College Algebra)

201-016-LA

(Note: This course will be considered as an extra credit for Diploma purposes)

This is an algebra course for students who need High School Mathematics ST 4 equivalence. Topics include basic algebra, equations, and graphs.

Prerequisite: Math CST 5, old regime Math 416 or 514

Credits: 2.66

Calculus I

201-103-RE

(Mathematics for Social Science and Law & Civilization students only)

Topics in this course include: limits, continuity, differentiation, curve sketching, maxima and minima, differentials and antiderivatives. Examples and applications will be drawn from economics, business and social sciences.

Prerequisite: Math SN 5 or ST 5 or equivalent

Credits: 2.66

Linear Algebra and Vector Geometry

201-105-RE

(Mathematics for Law & Civilization and Social Science students only)

Topics include: systems of linear equations, matrices, determinants, the dot and cross products, vectors, three-dimensional geometry, linear programming, and other applications. Examples and applications will be drawn from economics, business, and social sciences.

Prerequisite: Math SN 5 or ST 5 or equivalent

Credits: 2.66

Discrete Mathematics

201-201-RE

(Mathematics for Computer Science and Mathematics program students only)

Topics include: number systems, modular arithmetic, elementary number theory and applications to cryptography, basic proof techniques, logic and sets, mathematical induction, recursive definition of functions, elementary combinatorics, and elementary graph theory.

Corequisite: Linear Algebra 201-NYC-05

Credits: 2.66

Calculus II

201-203-RE

(Mathematics for Social Science and Law & Civilization students only)

Topics in this course include: review of differentiation, integration techniques, applications of integration, improper integrals and infinite series. Applications and examples will be drawn from economics, business and social sciences.

Prerequisite: 201-103-RE or 201-NYA-05

Credits: 2.66

<p>Managerial Statistical Methods</p> <p>(Mathematics for Entrepreneurship and Sports Marketing Management students only)</p> <p>This course gives an introduction to business statistics, methods of describing, summarizing, graphically presenting, measuring and analysing statistical data using a statistics computer package. Students will be exposed to the theoretical underpinnings of management decision tools including probability distributions, covariance applications, sampling distributions, control charts, estimation, and hypothesis testing. Emphasis will be on how to apply various statistical techniques in the support of managerial decisions in the various functional areas of business including marketing.</p> <p>Prerequisite: CST 4, CST 5 or old regime Math 436</p>	<p>201-901-LA</p> <p>Credits: 2.66</p>
<p>Computer Applications in Mathematics</p> <p>(Mathematics for Science students only)</p> <p>This course is an introduction to the use of computers in mathematics and to the application of mathematics to computing. It is a combination of both a traditional numerical methods class with a more modern hands-on experimental approach. Class work is almost entirely carried out on the computer.</p> <p>Prerequisite: 201-NYB-05, Recommended: 201-NYC-05</p>	<p>201-903-LA</p> <p>Credits: 2.66</p>
<p>Calculus III</p> <p>(Mathematics for Science students only)</p> <p>This course is strongly recommended for students planning to enter a science, engineering, or mathematics program at university. Topics include vectors and three-dimensional geometry, functions of several variables, partial derivatives, multiple integrals, and differential equations.</p> <p>Prerequisite: 201 NYB-05, Corequisite: 201-NYC-05</p>	<p>201-BLD-05</p> <p>Credits: 2.66</p>
<p>Probability and Statistics</p> <p>(Mathematics for Science students only)</p> <p>This course is recommended for students planning to enter Health Science, Applied Science, Applied Mathematics, or Management programs at university. It is an introductory course at a more mathematical level than Statistics 201-BLF-05. Topics covered include: permutations and combinations, probability, Bayes Theorem, discrete and continuous probability distributions, moments, descriptive statistics, estimation of parameters, interval estimation, central limit theorem, and testing of hypotheses.</p> <p>Prerequisite: 201 NYA-05, Corequisite: 201 NYB-05</p>	<p>201-BLE-05</p> <p>Credits: 2.66</p>
<p>Statistics for Science Students</p> <p>(Mathematics for Science students only)</p> <p>Descriptive statistics: probability, binomial, Poisson and normal distributions, estimation of parameters, testing of hypotheses (including the use of chi square), correlation and regression are covered in this course, with emphasis on intuitive justification and problem solving.</p> <p>Prerequisite: Math SN 5 or TS 5 or equivalent</p>	<p>201-BLF-05</p> <p>Credits: 2.66</p>

<p>Calculus III: Multivariable Calculus</p> <p>(Mathematics for Science students only)</p> <p>Multivariable calculus studies functions of several variables. It extends the concepts of the limit, derivative, and integral to higher dimensions, and has direct applications in the physical sciences, engineering, economics, and computer graphics. Topics include vectors and curves in three dimensions, functions of several variables, partial derivatives, and multiple integrals. Examples and applications will be drawn from a variety of disciplines in the natural sciences. This course is strongly recommended for students planning to enter a science, engineering, or mathematics program at university.</p> <p>Prerequisite: 201-SN3-RE, Corequisite: 201-SN4-RE</p>	<p>201-MVC-LA</p> <p>Credits: 2.00</p>
<p>Mathematics for Computer Science</p> <p>(Concentration course for Computer Science students only)</p> <p>This course is an introduction to topics in mathematics related to computer operations: binary, octal and hexadecimal number systems and computer codes and arithmetic; sets, relations, Boolean expressions and logic; vectors, matrices, and their application to computer graphics. It will give students the mathematical knowledge needed for the analysis of computing and information systems and the analytical skills that are required by any professional in an information technology field.</p> <p>Prerequisite: Math SN 4 or TS 4 or CST 5</p>	<p>201-N11-LA</p> <p>Credits: 2.00</p>
<p>Calculus I</p> <p>(Mathematics for Science students only)</p> <p>Topics include: limits, continuity, differentiation, curve sketching, maxima and minima, differentials, antiderivatives, and science applications.</p> <p>Prerequisite: Math SN 5 or TS 5 or old regime Math 536 or equivalent</p>	<p>201-NYA-05</p> <p>Credits: 2.66</p>
<p>Calculus II</p> <p>(Mathematics for Science students only)</p> <p>Topics include: review of differentiation, anti derivatives, definite integrals; application of integrals to areas, volumes and arc length; techniques of integration, improper integrals, and infinite series.</p> <p>Prerequisite: 201 NYA-05</p>	<p>201-NYB-05</p> <p>Credits: 2.66</p>
<p>Linear Algebra</p> <p>(Mathematics for Science students only)</p> <p>Topics include: systems of linear equations, matrices, determinants, the dot and cross products, vectors and vector spaces, three-dimensional geometry, and applications.</p> <p>Prerequisite: Math SN 5 or TS 5 or equivalent</p>	<p>201-NYC-05</p> <p>Credits: 2.66</p>
<p>Probability and Random Variables</p> <p>(Mathematics for Science students only)</p> <p>Probability and random variables introduces students to foundational concepts and results in the theory of Probability and Statistics. Techniques developed in calculus will be applied to the study of random variables, a fundamental notion used by statisticians to represent uncertain values and develop methods of estimation. Topics include axioms of probability, conditional probability, Bayes' theorem, combinatorics, discrete and continuous random variables, expected value, sampling distributions, point estimation, the law of large numbers, and non-parametric hypothesis testing. This course is recommended for students planning to enter Health Science, Applied Science, Applied Mathematics, or Management programs at university.</p> <p>Prerequisites: 201-SN1-RE and 201-SN3-RE</p>	<p>201-PRV-LA</p> <p>Credits: 2.00</p>

Calculus I: Differential Calculus **201-SC1-LA**

(Mathematics for Social Science and Law & Civilization students only)

Differential calculus studies instantaneous rates of change, and answers the question: what is the slope of a curved line? Topics include: limits and continuity, the derivative and differentiation, curve sketching, rates of change, and extrema. Applications include: marginal analysis, optimization, and demographics. Examples and other applications will be drawn from economics, business, and social sciences.

Prerequisite: Math SN 5 or ST 5 or equivalent

Credits: 2.33

Calculus II: Integral Calculus **201-SC2-LA**

(Mathematics for Social Science and Law & Civilization students only)

Integral calculus studies accumulations, and answers the question: what is the area of a region with a curved boundary? Topics include: the fundamental theorem of calculus, integration techniques, L'Hospital's rule, improper integrals, separable differential equations, areas, and limits of sequences. Applications include consumer and producer surplus, the Lorenz curve and Gini coefficient, the normal distribution, probabilities, expectation, and variance. Examples and other applications will be drawn from economics, business, and social sciences.

Prerequisite: 201-SC1-LA or 201-NYA-05

Credits: 2.33

Discrete Mathematics **201-SF5-RE**

(Mathematics for Computer Science and Mathematics students only)

Discrete mathematics studies mathematical structures that consist of distinct, separate elements, such as the natural numbers, in contrast with those that are continuous, such as the real number line. Counting techniques, mathematical relationships between finite collections, and mathematical analysis of finite procedures all fall under the domain of discrete mathematics. As computers store and process information in a discrete way, discrete mathematics provides the mathematical foundation for many courses in computer science and information technology. Topics include number systems, modular arithmetic, elementary number theory, cryptography, basic proof techniques, logic and sets, mathematical induction, recursive definition of functions, elementary combinatorics, and elementary graph theory.

Prerequisite: Math SN 5 or TS 5 or equivalent, Corequisite: 201-SN4-RE

Credits: 2.66

Linear Algebra and Vector Geometry **201-SLA-LA**

(Mathematics for Science students only)

Linear algebra studies linear equations and their manipulations and applications. It has extensive applications in the social sciences, especially since nonlinear models can often be approximated by linear ones. Topics include: systems of linear equations, matrices, determinants, vectors, and vector geometry. Applications include: optimization problems, Leontief models and Markov chains. Examples and other applications will be drawn from economics, business, and social sciences.

Prerequisite: Math SN 5 or ST 5 or equivalent

Credits: 2.33

Probability and Statistics **201-SN1-RE**

(Mathematics for Science students only)

Introductory Statistics equips students with the foundational skills necessary for data management which includes gathering, displaying, analyzing, and making sense of data. Statistics is used to make rational decisions and predictions in uncertain situations and has extensive applications in the natural sciences. The course also provides an introduction to probability, the mathematical language of uncertainty which statistics is built upon. Topics include sampling and experimental methods, descriptive statistics, basic probability rules, conditional probability, probability distributions, the central limit theorem, confidence intervals, hypothesis testing, linear regression, and the chi-square test. Examples will be drawn from a variety of disciplines in the natural sciences.

Prerequisite: Math SN 5 or TS 5 or equivalent

Credits: 1.66

Differential Calculus**201-SN2-RE**

(Mathematics for Science students only)

Differential calculus studies instantaneous rates of change and answers the question: what is the slope of a curved line? Topics include limits and continuity, the derivative and differentiation, curve sketching, L'Hospital's rule, rates of change, and extrema. Applications include related rates and optimization. Examples and other applications will be drawn from a variety of disciplines in the natural sciences.

Prerequisite: Math SN 5 or TS 5 or equivalent

Credits: 2.66

Integral Calculus**201-SN3-RE**

(Mathematics for Science students only)

Integral calculus studies accumulations and answers the question: what is the area of a region with a curved boundary? Topics include the fundamental theorem of calculus, integration techniques, L'Hospital's rule, improper integrals, separable differential equations, and power series representations of functions. Applications include areas between curves, volumes, and exponential growth and decay. Examples and other applications will be drawn from a variety of disciplines in the natural sciences.

Prerequisite: 201-SN2-RE

Credits: 2.00

Linear Algebra and Vector Geometry**201-SN4-RE**

(Mathematics for Science students only)

Linear algebra studies linear equations and their manipulations and applications. It has extensive applications, as linear models are very common in the sciences, and nonlinear models can often be approximated by linear ones. Topics include systems of linear equations, matrices, determinants, vectors, and vector geometry. Applications include lines and planes in three-dimensional space, and calculation of areas and volumes. Examples and other applications will be drawn from a variety of disciplines in the natural sciences.

Prerequisite: Math SN 5 or TS 5 or equivalent

Credits: 2.00

Chemistry

Analytical and Applied Chemistry

202-AAC-LA

Students will expand on topics covered in previous chemistry courses and study additional topics including metallic properties, spectroscopic methods to characterize a substance, and electrochemistry. Students interested in developing laboratory skills for research or industrial applications will have the opportunity to design and test their own chemical procedures. Laboratory activities focus on using experimental methods to solve problems like quantifying the bitterness of beer, synthesizing biofuel from cooking oil, and using chromatographic methods to identify gases in a mixture. Students interested in physical or inorganic chemistry and those interested in material science, environmental sciences, or engineering would enjoy this course.

Prerequisites: 202-SN1-RE and 202-SN2-RE

Credits: 2.00

Organic Chemistry I

202-BLC-05

(Chemistry for Science students only)

Organic Chemistry, the chemistry of carbon and its compounds, is essential for an understanding of the chemistry of life processes. Pharmaceutical research heavily exploits organic chemistry principles to synthesize potent bio-active molecules (i.e. medicine/drugs) with the goal of addressing unmet medical needs. Treatment of organic molecules is also key in production of useful materials such as biodegradable plastics, fuels, and solvents. The language, fundamental concepts and theories, as well as recent advances in organic chemistry, will be presented. The accompanying laboratory work will help familiarize the student with the methods and techniques used by the organic chemist in the synthesis, purification and characterization of organic compounds. Topics include: Lewis theory of acids and bases, kinetics and theory of reaction mechanism, stereochemistry, and systematic nomenclature of organic compounds. A substantial part of the course is devoted to the detailed survey of the properties, reactions and stereochemistry of the following classes of organic compounds: cyclic and acyclic alkanes, alkenes and alkynes, alkyl halides and aromatic compounds. NOTE: Organic Chemistry I is a required course for students registered in the Health Science profile.

Absolute Prerequisites: 202 NYA-05 and 202 NYB-05

Credits: 2.66

Organic Chemistry II

202-BLD-05

(Chemistry for Science students only)

Naturally occurring bio-active organic compounds, as well as engineered carbon based materials (medicines/drugs, plastics, etc.) display their characteristic properties as a function of their 3-dimensional structures coupled with specific functional groups. A significant portion of this course therefore focuses on multiple functional groups that exist (i.e. alcohols, aldehydes, ketones, carboxylic acids, ethers, amines, etc.) as well as the various synthetic strategies developed to synthesize such complex organic molecules. To analyze for the presence of organic substances in matter requires using certain techniques such as mass spectrometry, infrared (IR) and nuclear magnetic resonance (NMR) spectroscopy. These techniques will be discussed and the student will be able to record infrared spectra as well as analyze other spectral data in order to elucidate structures of organic compounds. NOTE: This course is strongly recommended for students who wish to enter the Health and Biological Science programs, including Medicine at university. Organic chemistry II may be credited as a university equivalent course.

Absolute Prerequisite: 202 BLC-05

Credits: 2.66

Environmental Chemistry

202-BLE-05

(Chemistry for Science students only)

The goal of this course is to enable the student to understand and apply the chemical principles underlying the chemistry of our natural and manufactured environment. Topics include the chemical composition of Earth's core, crust, atmosphere, and waters, the greenhouse effect, fossil fuels and nuclear energy, air quality, plastics, and any additional topics that are relevant to current environmental concerns. Students will also use chemical principles in the laboratory to evaluate the environmental impact of the manufacture and disposal of common consumer products such as soaps, medicines, biofuels, and food items.

Absolute Prerequisites: 202-NYA-05 and 202-NYB-05

Credits: 2.66

Investigative Chemistry**202-BLG-LA**

(Chemistry for Science students only)

Students will be learning both the theory and the application for analytical techniques in the investigation of pure compounds and mixtures. Chemical concepts investigated in this course have applications in forensic science, biochemistry, medicine, environmental science, geology, and numerous other fields. This course provides an opportunity for a hands-on approach to learning about analytical instruments such as GC, AAS, UV/VIS and IR as well as learning various wet chemical techniques commonly used in industry and research labs. Areas of study will include, separation techniques, an introduction to metal chemistry, further investigation of acids, bases, and equilibrium, spectrophotometry, chromatography and electrochemistry. Some analyses performed in this course are: the determination of the concentration of flavouring agents found in beer and the active ingredient in household cleaners, synthesis of biofuels from cooking oil, determination of gas mixtures, and the construction of electrochemical cells. This course is intended to be an extension of topics covered in General Chemistry I and II (General Chemistry & Chemistry of Solutions). Students who are interested in physical, inorganic, or analytical chemistry as well as chemical engineering would enjoy this course.

Absolute Prerequisites: 202-NYA-05 and 202-NYB-05**Credits: 2.66**

General Chemistry**202-NYA-05**

(Chemistry for Science students only)

This course focuses on the understanding of chemical and physical changes in matter. Students will also learn how to name chemical compounds, review how to calculate concentrations and limiting reactants, apply atomic theory and quantum mechanics, differentiate between ionic and covalent bonding, write appropriate chemical equations for redox, single replacement, double replacement, acids and bases, combustion, decomposition, combination and oxide-hydroxide reactions. Students will explore molecular geometry through the use of molecular models and understand the relationship between chemical structure and physical properties of substances, along with their colligative properties.

Absolute Prerequisite: Sec V Chemistry or 202-001-50**Credits: 2.66**

Chemistry of Solutions**202-NYB-05**

(Chemistry for Science students only)

Subjects covered in this course are based on modern concepts of chemical equilibrium and thermodynamics. Topics include: the equilibrium constant expression, gas phase equilibria, thermochemistry, three laws of thermodynamics, equilibria in solutions of acids and bases, equilibria in saturated solutions, equilibria in redox systems, electrochemical cells, phase equilibria and chemical kinetics.

Absolute Prerequisite: 202-NYA-05**Credits: 2.66**

General Chemistry**202-SN1-RE**

In the classroom, students will have the opportunity to build upon and expand their knowledge of matter and atomic theory. This includes using quantitative measurements and terminology that are essential to chemistry, using electron configurations and the quantum mechanical model to explain chemical properties, and using chemical bonding models to account for the physical properties of materials and thermochemical measurements. Students will experience hands on learning in the laboratory, where students will use and observe various chemical techniques, equipment, and models. The laboratory activities are designed to give students the opportunity to observe chemical phenomena and apply chemical theory.

Prerequisite: Secondary 5 Chemistry**Credits: 2.66**

Chemistry of Solutions**202-SN2-RE**

In the second required chemistry course, a quantitative problem-solving approach is taken to studying chemical reactions. Students will study the thermodynamic properties, kinetics, and equilibrium of chemical reactions. Properties of aqueous solutions, such as acidity and basicity, will also be investigated as water is the world's most common solvent. Students will use highly accurate and precise quantitative laboratory techniques to measure the properties of solutions or chemical reactions. The laboratory techniques acquired will prepare students for future studies in research driven fields or industrial applications.

Prerequisite: 202-SN1-RE**Credits: 2.00**

Organic Chemistry**202-SNU-RE**

Organic chemistry studies carbon-based molecules that are present in all living systems. Knowledge of organic chemistry is vital for fields in life science as well as fields related to physical chemistry, chemical engineering, and material sciences. In this class, students will study physical and chemical properties of several classes of organic molecules. They will also study the mechanistic pathways by which organic compounds react and how a desired substance can be synthesized. In the laboratory component, students will learn the fundamental techniques to isolate and purify organic compounds from a complex mixture, for example, isolating pure caffeine from tea.

Prerequisites: 202-SN1-RE and 202-SN2-RE**Credits: 2.00**

Physics

Computer Techniques for Solving Physics Problems

203-903-LA

(Physics for Science students only)

Students in this course will learn how to use a programming language and spreadsheet methods to simplify the solving of Physics problems. These techniques are becoming increasingly common in many professions, and such skills will be valuable well beyond the specific Physics and Mathematics topics that will be used to demonstrate them. Topics to be treated may include: projectile motion with air resistance, satellite motion and orbits, moments of inertia and rigid body rotation, uncertainties and error analysis, charged particle motion, thermodynamic cycles, radioactivity, circuit analysis, and other such problems that can be efficiently solved by numerical methods.

Prerequisite: 203-NYC-05

Credits: 2.66

Astrophysics

203-904-LA

(Physics for Science students only)

Students in this course will develop an understanding of astrophysical concepts and will apply this knowledge by solving problems, performing laboratory experiments, and preparing and performing a presentation on a topic in Astrophysics. The topics covered in this course will include a brief history on how we have come to understand and appreciate the Universe today with explanations about solar systems, stars, stellar evolution, stellar distances, galaxies, cosmology, and extra-terrestrial life.

Corequisite: 203-NYB-05

Credits: 2.66

Astrophysics

203-AST-LA

Students in this course will explore the fundamental principles governing the universe, from the birth of stars to the cataclysmic end of supernovae which result in neutron stars or blackholes. The topics can vary according to the interests of the professor and the class, but could include, solar and lunar phenomena, telescopes, planetary motion (using Kepler's laws and conservation of energy and angular momentum), cosmology, extra-terrestrial life, celestial objects and bodies, their formation, evolution, and interactions. Through engaging lectures, problem-solving exercises, and telescope observations (each student can borrow telescopes from the college and take them home throughout the semester) students will gain a deeper understanding of the vast expanse of the universe.

Corequisite: 203-SN2-RE or 203-SN2-LA

Credits: 2.00

Energy and Modern Physics

203-BLE-05

(Physics for Science students only)

This course is intended for students who wish to pursue future studies in engineering, architecture, or in a physical science. The subject matter will include some topics already treated in Physics NYC, but will be covered in greater depth, and will vary to some extent, according to the interests of the professor and of the class. The topics will be chosen from the following areas: Relativity, Quantum Physics, Nuclear Physics, and Thermodynamic. Additional topics may be covered, depending on time available and the interests of students and teacher. The use of computers, online resources, and independent study will be more prominent than in previous courses in the regular Physics series.

Corequisite: 203-NYB-05

Credits: 2.66

<p>Energy and Modern Physics</p> <p>Students will embark on a journey through the fundamental principles that govern the behavior of the universe, from the macroscopic scales of relativity to the subatomic realms of quantum mechanics. This advanced physics course offers a deep dive into some of the most fascinating and groundbreaking theories in modern physics. The topics can vary according to the interests of the professor and the class, but could include Relativity, Quantum Physics, Nuclear Physics, Particle Physics and Thermodynamics. It is intended for students who wish to pursue studies in the physical sciences or engineering.</p> <p>Corequisite: 203-SN2-RE or 203-SN2-LA</p>	<p>203-EMP-LA</p> <p>Credits: 2.00</p>
<p>Mechanics</p> <p>(Physics for Science students only)</p> <p>This course offers a mathematical treatment of the basic laws and principles of mechanics. Content: Vector analysis, forces, friction, equilibrium, one-dimensional motion, motion in a plane, laws of motion, universal gravitation, work energy theorem, potential energy, conservation of energy, conservation of momentum, collisions, rotational kinematics and dynamics, and angular momentum.</p> <p>Absolute Prerequisite: Sec V Physics or 203-001-50 & Corequisite: 201-NYA-05</p>	<p>203-NYA-05</p> <p>Credits: 2.66</p>
<p>Electricity and Magnetism</p> <p>(Physics for Science students only)</p> <p>This course is a study of the fundamental laws of electricity and magnetism. It is designed to provide students with an understanding of electromagnetic phenomena and some applications. Content: Coulomb's law, electric field, Gauss' law, electrical potential, capacitors, physical effect of a dielectric, DC circuits, electrical instruments, Kirchhoff's rules, electromotive force and internal resistance, magnetic field, Biot-Savart law, Ampere's law, Faraday's law, inductance, introduction to AC.</p> <p>Absolute Prerequisite: 203-NYA-05 and 203-NYC-05 & Corequisite: 201-NYB-05</p>	<p>203-NYB-05</p> <p>Credits: 2.66</p>
<p>Waves, Optics and Modern Physics</p> <p>(Physics for Science students only)</p> <p>This course is an introduction to waves, optics, and selected topics in modern Physics. Content: Simple harmonic motion, harmonic waves, superposition principle, standing waves, resonance, sound waves, Doppler effect, electromagnetic waves (qualitative), Huygens' principle, reflection, refraction, mirrors, lenses, optical instruments, interference, diffraction, polarization, photoelectric effect, de Broglie waves, wave particle duality, uncertainty principle, the Bohr atom, nuclear physics and radioactivity.</p> <p>Prerequisites: 203-NYA-05 and 201-NYA-05</p>	<p>203-NYC-05</p> <p>Credits: 2.66</p>
<p>Programming Applications in Physics</p> <p>Students will leverage the skills acquired in the Introduction to Data Science using Python course to solve complex physics problems. They will implement numerical methods using the VPython programming environment. VPython is designed to make it easy to create scientific simulations with interactive 3D visualizations. Topics to be treated may include projectile motion with air resistance, satellite motion and orbits, moments of inertia and rigid body rotation, uncertainties and error analysis, charged particle motion, thermodynamic cycles, radioactivity, circuit analysis, and other such problems that can be efficiently solved by numerical methods. Laboratory experiments will collect data that can be compared to a computational model to verify its validity.</p> <p>Prerequisite: 420-SN1-RE, Corequisite: 203-SN2-RE or 203-SN2-LA</p>	<p>203-PAP-LA</p> <p>Credits: 2.00</p>

Mechanics**203-SN1-RE**

Students will study the basic laws and principles of Newtonian mechanics, the branch of physics that deals with the motion of objects and the forces acting upon them. The topics will be kinematics, dynamics, work and energy, momentum, collisions, and gravitation. In addition to studying the motion of objects in a straight line, rotational motion will also be studied. In the classroom, students will develop their problem-solving techniques and apply them to complex problems. In the laboratory, students will have the opportunity to take the theory learned in class and apply it to hands-on experiments where the motion of objects will be observed and analyzed. Students will use different tools and techniques to collect and analyze their data. Physical quantities will be measured directly as well as with wireless sensors.

Prerequisite: Sec V Physics or equivalent & Corequisite: 201-SN2-RE

Credits: 2.66

Électricité et magnétisme**203-SN2-LA**

Les étudiants développeront une compréhension des phénomènes électromagnétiques et de certaines de leurs applications à travers l'étude des lois fondamentales de l'électricité et du magnétisme. Ils se pencheront sur l'interaction complexe entre l'électricité et le magnétisme et apprendront les principes sous-jacents, de la production d'énergie aux dispositifs électroniques. Grâce à des cours captivants et des exercices de résolution de problèmes, les étudiants approfondiront leur compréhension des sujets suivants : la force électrique entre les charges (loi de Coulomb), les champs électriques, le potentiel électrique, les condensateurs, les circuits en courant continu, les instruments électriques, les lois de Kirchhoff, la loi d'Ohm, les champs et forces magnétiques, la loi de Faraday et l'inductance. Les étudiants appliqueront leurs connaissances des circuits électriques (à la fois en régime permanent et en régime transitoire) dans de nombreuses expériences pratiques pour améliorer leur compréhension du courant, de la tension et de la résistance, ainsi que pour réaliser des expériences qui renforceront leur compréhension des champs et forces électriques et magnétiques.

Absolute Prerequisite: 203-SN1-RE and 203-SN3-RE & Corequisite: 201-SN3-RE

Credits: 2.00

Electricity and Magnetism**203-SN2-RE**

Students will develop an understanding of electromagnetic phenomena and some of its applications through the study of the fundamental laws of electricity and magnetism. They will delve into the intricate interplay between electricity and magnetism and learn the principles that underlie everything from power generation to electronic devices. Through engaging lectures and problem-solving exercises, students will gain a deeper understanding of the following topics: the electric force between charges (Coulomb's law), electric fields, electric potential, capacitors, DC circuits, electrical instruments, Kirchhoff's rules, Ohm's Law, magnetic fields and forces, Faraday's law, and inductance. Students will apply their knowledge of electric circuits (both steady state and time varying) in multiple hands-on experiments to enhance their comprehension of current, voltage, and resistance as well as performing experiments that will improve their understanding of electric and magnetic fields and forces.

Prerequisite: 203-SN1-RE, 203-SN3-RE and Corequisite: 201-SN3-RE

Credits: 2.00

Waves and Modern Physics**203-SN3-RE**

Students will study the propagation and interference of many different types of waves including waves on strings, sound waves, electromagnetic waves, and matter waves. Topics such as, simple harmonic motion, resonance, the Doppler effect, reflection, and refraction will be used to deepen students' understanding of waves. Various concepts and experiments from modern physics will also be covered including, the photoelectric effect, de Broglie waves, wave particle duality, the uncertainty principle, the Bohr atom, nuclear physics, radioactivity, and climate physics. In the laboratory, students will perform many experiments, including observing standing waves on a string and light behaving as a wave!

Prerequisites: 203-SN1-RE and 201-SN2-RE

Credits: 2.66

Methodology

Projet d'intégration en sciences humaines

300-DSH-LA

Les conventions scientifiques des sciences humaines dictent la manière dont nous planifions, réalisons et évaluons le travail universitaire, y compris le respect des règles éthiques et l'expression claire des idées. Le projet de recherche intégré final est une évaluation globale guidée multidisciplinaire des connaissances et des compétences acquises dans le cadre du programme de sciences humaines. Il offre une compréhension élargie du monde social et la possibilité d'évaluer son propre parcours d'apprentissage en sciences humaines.

Prerequisites: 300-SS1-LA, 300-QAL-LA, 300-QM1-LA (or 300-MQ1-LA)

Credits: 2.00

Final Integrative Research Paper

300-FRP-LA

Scholarly conventions of the social sciences dictate how we plan, carry out and evaluate academic work, including following ethical guidelines and expressing ideas clearly. The final integrative research project is a guided multidisciplinary comprehensive assessment of the knowledge and skills acquired through the social science program. It offers a broadened understanding of the social world and the chance to evaluate one's own learning journey in the Social Sciences.

Prerequisites: 300-SS1-LA, 300-QAL-LA, 300-QM1-LA

Credits: 2.00

Méthodes de recherches quantitative en sciences humaines

300-MQ1-LA

Comment collecter et quantifier les données ? Comment les données que nous recueillons nous aident-elles à comprendre le monde social ? Dans le cours de méthodes quantitatives, les élèves apprennent à effectuer des opérations statistiques descriptives et inférentielles, et à analyser les statistiques dans les médias populaires et les textes savants. En résumant, en interprétant et en évaluant de manière critique les informations quantitatives, on se familiarise avec les concepts fondamentaux et les techniques de base des méthodes quantitatives en sciences humaines.

Credits: 2.00

Qualitative Methods

300-QAL-LA

How do we distinguish between scientific and non-scientific knowledge? What are the ethical guidelines that direct research in the social sciences? What are the theories and techniques used by social scientists to obtain and analyze qualitative data? Investigate the social world using qualitative research methods such as interviews, participant observation and thematic analysis. Apply your critical thinking skills to contextualize research results and produce scientific research.

Credits: 2.33

Quantitative Methods

300-QM1-LA

How do we collect and quantify data? How does the data we gather help us understand the social world? In Quantitative Methods, we learn descriptive and inferential statistical operations, and how to analyse statistics in popular media and scholarly texts. Summarizing, interpreting and critically evaluating quantitative information, we become familiar with the fundamental concepts and basic techniques of the quantitative methods in the Social Sciences.

Credits: 2.00

Contemporary Global Issues

300-SCG-LA

The world around us is continually changing. Each year, we see the emergence of issues that require our immediate attention, including wars, environmental degradation, economic crises, the spread of disease, humanitarian crises, and many more. Yet despite the urgent need for action, it is often difficult to understand these complex issues. Students first learn to evaluate news and social media sources in order to gain the ability to critically analyze emerging issues. Students then actively apply concepts and theories from Economics, Geography, History, and Political Science in seminar discussions to gain a better understanding of contemporary issues of their choosing.

Prerequisite: 300-SS1-LA + one of the following: 320-S01-LA, 330-S01-LA, 383-S01-LA, 385-S01-LA

Credits: 2.00

Experiential Outdoor Learning**300-SEL-LA**

Outside the classroom we examine our environments, collect data, and relate it to our human condition. Outdoor observational field experiences help us to better understand geographical methodologies and techniques and allow us to apply this knowledge in real-world settings. Making connections between people and place we investigate what factors are important when we explore changes over space and time. Through active, immersive activities we learn how to accurately record fieldnotes and report findings through written and oral presentations.

Prerequisite: 300-SS1-LA**Credits: 2.00**

Group Dynamics**300-SGD-LA**

Humans are social beings that live in groups. What kinds of groups exist in society and how are they formed? How do power and inequality affect the functioning of a group? Why is an individual attracted to one group and not another? How do groups resolve conflicts and make decisions? Using theories and concepts from Anthropology, Psychology and Sociology, we first examine the evolutionary, cognitive, interpersonal and socio-cultural dimensions of groups. Students then complete an observation period outside of the classroom in a context that aligns with their interests and where they apply course material to a real-life setting.

Prerequisite: 300-SS1-LA + one of the following: 381-S01-LA, 385-S01-LA, 387-S01-LA**Credits: 2.00**

Introduction to Social Science**300-SS1-LA**

What is research? What is social science? How do the disciplines of Anthropology, Economics, Geography, History, Political Science, Psychology and Sociology contribute to our understanding of human life? To answer these questions, students explore the process of scientific research and communication in the social sciences. Specifically, they learn to carry out a literature search, evaluate the relevance and reliability of varied information sources, summarize these sources using scientific conventions and communicate their ideas clearly, both orally and in written form. Throughout, students also learn about, and experience, the role of teamwork and feedback in the research process.

Credits: 1.33

Model UN**300-SUN-LA**

The United Nations (UN) and other global International Organizations are the primary forums for countries to solve global challenges, including military conflict, human rights violations, climate change, trade disputes, and breaches of international law. Using concepts from Political Science, History, Geography, and Economics, students learn the theoretical and practical knowledge necessary to understand the functioning of international organizations and the types of issues they address. Students then gain practical experience in managing global issues through simulated negotiations as they represent a country, advance its interests, and work to find solutions to the problems that affect the world today.

Prerequisite : 300-SS1-LA + one of the following: 320-S01-LA, 330-S01-LA, 383-S01-LA, 385-S01-LA**Credits: 2.00**

Quantitative Methods 2**360-QM2-LA**

Studying the world around us can be fascinating. Is spending too much time playing video games a cause of violent behaviours? How do we know whether meditating is effective at reducing stress? What does it mean when a poll reports results with a 95% confidence interval? We get to answer these and many more in Quantitative Methods 2. Building on notions learned in the first Quantitative Methods course, we further develop skills needed to calculate statistics and to understand the meaning of numbers, as well as explore the value of statistical tests in research. Doing so allows us to more easily understand various sources in our respective fields and to apply skills needed to answer a variety of research questions.

Prerequisite: 300-QM1-LA**Credits: 2.00**

Geography

Understanding the Earth

320-201-LA

(Level II Geography for Social Science Students only)

An understanding of the fascinating and complex web of relationships that order our physical environment is fundamental to any student interested in pursuing studies in Geography, the Earth Sciences or to those merely curious about their physical surroundings. The course is designed to provide a basic knowledge of environmental processes with a minimal background in Geography. This course is structured around four elements: The atmosphere - natural and general patterns of climate and weather; the hydrosphere - both marine and fresh water environments; the biosphere - soils, vegetation and biogeography; and the lithosphere - the "solid" earth and the development of landscapes. Emphasis is placed on the interaction of people and their environment using local examples.

Prerequisite: 320-101-LA

Credits: 2.00

Planetary Challenge (Environmental Geography)

320-203-LA

(Level II Geography for Social Science Students only)

Climate change, water scarcity, population issues, global inequality, resources, agriculture and sustainability are all covered from a geographic perspective in this course on contemporary world problems. Students will learn about environmental problems, will consider their causes, and dig into ideas on how to solve them. Students will explore these issues actively, through group activities and classroom discussion, as well as through individual assignments and research.

Prerequisite: 320-101-LA

Credits: 2.00

Urban Geography and Development

320-204-LA

(Level II Geography for Social Science Students only)

This course examines the relationship of humans to places of residence and the evolution of settlement and cities over time. Students analyse the relationships between physical settings, socio-economic structures and cultural constructs to better understand urban development and change. Cities and urban form are explored at different levels of intervention, from local to international contexts. Themes include exploring contrasts between North and South, East and West, levels of industrialization, and differences in wealth and poverty. Students will explore history and theories of urban development; cultural and political implications upon cities; land-use and transportation patterns; carrying capacity; industrial and demographic change and dynamics; urban planning, architecture and design; migration, government policy and urban management strategies.

Prerequisite: 320-101-LA

Credits: 2.00

Introduction to Geography

320-S01-LA

(Level I Geography for Social Science students only)

Every day we interact with the world around us and we unknowingly leave a trace. These patterns can be explored in global, regional, and local contexts to better understand our role in the world, both as individuals and collectively within society. Geographic perspectives on cultural, socio-economic and physical landscapes enable us to address contemporary issues in society and to prepare ourselves for environmental challenges. Through active learning, the unique aspects of geographic spatial relationships and human-environment interactions are experienced.

Credits: 2.00

Climate and Environmental Geography **320-S02-LA**

(Level II Geography for Social Science Students only)

Our climate is changing, and the Earth's resources are being strained. What are the causes of the environmental challenges we face today? What consequences will they have on our futures? How can we work to solve the problems we face? Providing a basic knowledge of environmental processes, we examine human environment interactions using local and international examples. Exploring environmental issues actively, through group activities, classroom discussion, assignments and research, take your learning out of your seat and into the outdoor classroom.

Prerequisite: 320-S01-LA

Credits: 2.00

Urban Geography and Development **320-S03-LA**

(Level II Geography for Social Science Students only)

Most people on Earth live in cities, spread across the globe. From the historic roots of the first urban dwellers, to today's mega-cities, urban living has changed the human context. What drives us to urban environments? How are cities run? Analyzing the relationships between our environment, our socio-economic structures, and our cultures, we examine city development and urban form. Exploring urban development actively, through group activities, discussion, assignments and research in the classroom; your learning can also take you into the urban classroom.

Prerequisite: 320-S01-LA

Credits: 2.00

Geography of Migration and Settlement **320-S04-LA**

(Level II Geography for Social Science Students only)

How do population migration and settlement shape vibrant global communities? Integration of immigrants, ethnic communities, and settlement patterns; language, gender, economic development, and immigration policies all play a role. Examining both immigrant and refugee groups' experiences in less developed and more developed countries leads to a better understanding of: (i) population growth and distribution, (ii) patterns of population movement and migration and (iii) intercultural communication and its uniqueness and barriers based on spatial and developmental perspectives. With a focus on seminars and guest presentations, we will develop knowledge, experiences and skills for engaging in scholarly discussion and debate.

Prerequisite: 320-S01-LA

Credits: 2.00

Digital Earth and Mapping the World **320-S05-LA**

(Level II Geography for Social Science Students only)

How do we map the world? How do we use information to understand the world around us? Today's societies are smart and connected; from satellites orbiting the Earth recording human and environment conditions to our smartphones that enable us to instantly communicate! Information is readily available, accessible and is shaping our perspectives and interactions with physical space. Learning how to map our world will allow us to explore human-environment interactions from local to global scales. Through active learning we will explore the use of digital information to create, interact with and question physical space.

Prerequisite: 320-S01-LA

Credits: 2.00

Geography and Natural Disasters **320-S06-LA**

(Level II Geography for Social Science Students only)

We cannot control natural disasters; but we can explore their causes and the impacts they can have on our lives. Using theory and case studies to examine disasters, our semester is organized around energy themes: Earth's internal energy, gravity, external energy (solar) and impacts with large asteroids and comets. We ask questions including: why are some types of natural disasters more likely to happen in certain places than others, and how can we minimize the impact of natural disasters on human society?

Prerequisite: 320-S01-LA

Credits: 2.00

Uniqueness of Place: Geography of Travel**320-S07-LA**

(Level II Geography for Social Science Students only)

Recreation and travel have become a major part of the North American and European lifestyles, so much so that the world's unique places have become destinations. Tourism as a local, national and global phenomenon has grown exponentially. What are the geographical factors that give character to places and attract tourists to particular locations? What are the impacts of mass tourism on host areas? Go on excursions to Old Montreal in order to examine the features that make our city and province a unique destination for travellers worldwide!

Prerequisite: 320-S01-LA

Credits: 2.00

Selected Topics in Geography**320-S08-LA**

(Level II Geography for Social Science Students only)

Present-day issues in contemporary society will be explored through the lens of geographic perspectives, themes and concepts to better understand the world we live in and our daily interactions with the physical world. Asking questions such as "where?", "what?" and "why?" enable us to focus on understanding significant topics at multiple scales – from local to global and to analyse human-environment relationships. Topics offered vary by semester and focus on using geographical tools and techniques to evaluate the importance of location, our place in the world and the spatial patterns created by our daily interactions.

Prerequisite: 320-S01-LA

Credits: 2.00

History

Kingdoms and Empires: A History of the Ancient and Medieval Worlds

330-111-LA

(History for Law & Civilization students only)

This course is a chronological survey of the development of the Ancient and Medieval worlds from the beginnings of the Neolithic Revolution to the end of the Middle Ages. The course will focus on the major ideas, institutions, social structures, forms of artistic expression, and historical figures that shaped the civilizations of the Ancient Near East, Greece, Rome and Medieval Europe. Students will also be introduced to the research methods used within the discipline of history.

Credits: 2.00

20th Century: Emergence of a New World

330-201-LA

(Level II History for Social Science students only)

The 20th Century was a time of both conflict and upheaval as well as progress and transformation. It saw empires collapse, global wars but also the spread of new technologies, rights and freedoms. In this course, students will be asked to analyze key events including the World Wars, the Great Depression, the Cold War, decolonization and the collapse of communism as well as understand the role played by historical forces including nationalism, industrialization, technology, totalitarian ideologies, human rights and globalization. One of the primary goals of the course will be to show how such major issues, forces and events have influenced the development of the contemporary world.

Prerequisite: 330-910-RE

Credits: 2.00

The American People: Past Challenges and Present Crises

330-202-LA

(Level II History for Social Science students only)

This course covers the history of the United States and the sweep of American experience, from pre-Columbian times to the present. The challenges facing the early makers of the United States in exploration and discovery; in society and culture building; in settlement and constitution making; in civil war; business, immigration and "foreign entanglements" will be examined in a general way, with attention to the American capacity to adapt, adopt and change. The course is designed to give students an appreciation for the events, policies and people that exemplify the United States today.

Prerequisite: 330-910-RE

Credits: 2.00

Genocide and Holocaust

330-204-LA

(Level II History for Social Science students only)

What leads humans to commit mass murder? Under what conditions can nations be brought to the point of exterminating others? This second level course will examine the question of genocide in human history. The course will begin with an overview of the main theories, typologies and definitions of genocide as well as key concepts such as war crimes, crimes against humanity and ethnic cleansing. With its focus on genocide as a feature of modern world history, students will examine cases of genocide including Armenia, the Holocaust, Cambodia and Rwanda. Finally, the course will also examine the question of denial and falsification in key instances of genocide in the 20th century.

Prerequisite: 330-910-RE

Credits: 2.00

History of Crime and Punishment

330-205-LA

(Level II History for Social Science students only)

This history course will examine the development of crime and punishment from ancient to modern times. Specific focus will be paid to how the definition of crime and the purpose of punishment change both over time and in different societal settings. Other topics include the historical context of theories that explain the causes and treatment of crime, historical examples of concepts and systems of justice and historical methods of deterrence, punishment and rehabilitation. The evolution of state mechanisms that deal with crime, law enforcement, policing and prison systems will be examined.

Prerequisite: 330-910-RE

Credits: 2.00

Ancient Rome: War, Culture and Society**330-206-LA**

(Level II History for Social Science students only)

What was life in Ancient Rome like? In this course we will examine Ancient Rome's unique 1000-year history from the Republic, to Caesar, to the famous emperors of the later period! We will examine the effects of war on Rome, its unique cultural aspects, and its everyday life. Themes throughout this course will be everyday life, violence, social inequality, slavery, propaganda, public image, republicanism, expansionist foreign policy, military dictatorship, imperialism, religion, the use of fear, and the rise and fall of empires. The goal of this course is to observe how the study of Ancient Rome adds to our understanding of human nature and the modern world, and to examine why Rome lasted for so long.

Prerequisite: 330-910-RE

Credits: 2.00

In Pursuit of Peace: Conflicts and Controversies in Israel/Palestine**330-207-LA**

(Level II History for Social Science students only)

This course is in-depth survey of the conflict in the Middle East between the Arabs and Israelis. The history and historiography of both sides will be examined carefully to provide students with a well-balanced perspective. The varying interpretations of The World Zionist Council of 1898, The Transfer Plans, the Arab Revolt of 1936-39 as well as the War of Liberation/al-Nakba will be discussed in great detail. The second half of the course will focus on more contemporary conflicts and issues such as the Six Day War of 1967, the Yom Kippur War of 1973 as well as peace initiatives of Camp David and Oslo. The course concludes with an examination of the on-going issues such as The Right of Return, the Wall and Israel's right to self-defence.

Prerequisite: 330-910-RE

Credits: 2.00

History of Ancient Greece**330-208-LA**

(Level II History for Social Science students only)

From King Minos and the Minotaur to Alexander the Great's conquest of the Persian Empire, Ancient Greek history has fascinated many throughout the ages. The goal of this course is to investigate how the social, political, economic and geographic environment of the Greeks shaped their beliefs and actions. Students will be using primary sources to better understand why certain ideas (ex: democracy) and events (ex: Persian Wars) occurred. In addition, students will examine how major concepts regarding athletic festivals, justice, education, interstate relations and historical writing emerged in Ancient Greece and have evolved throughout the centuries.

Prerequisite: 330-910-RE

Credits: 2.00

Rebirth and Revolution: The Making of an Early Modern World**330-311-LA**

(History for Law and Civilization students only)

This course examines the historical events and forces that have shaped the development of Western Civilization from the Renaissance era to the 19th century. Lecture topics will include the Italian Renaissance, the Protestant Reformation, exploration and colonization, the Scientific Revolution, the Enlightenment, and the American and French Revolutions. Particular attention will be paid to the periods of the Enlightenment and the revolutions that gave birth to nation-states of early modern Europe.

Prerequisite: 330-111-LA

Credits: 2.00

History of Law**330-321-LA**

(History for Law and Civilization students only)

The History of Law course will look at the development and practice of European law over time. The course will address the evolution of our modern legal systems, namely civil law and common law, and examine a variety of themes and ideas such as *ius commune*, law of nations and natural law, as well as secular and canon bodies of law in their historical context. The course will track the evolution of law in Europe from Antiquity (Ancient Greece and Rome), throughout the Middle Ages, and into the Modern and Contemporary eras.

Prerequisite: 330-111-LA

Credits: 2.00

Wars and Peace: The Origins of our Contemporary World **330-411-LA**

(History for Law and Civilization students only)

This course will examine the origins of our contemporary world by looking at the forces that shaped the 19th and 20th centuries. Specifically, students will look at the industrialization of modern economies and the impacts this had on the world. Other topics of discussion will include key ideas and themes of contemporary history including communism, imperialism, rights, democracy and global conflict and their influence on 20th century events.

Prerequisite: 330-311-LA

Credits: 2.00

Guerres et Paix - Les Origines de Notre Monde Contemporain **330-4F1-LA**

(Histoire pour les élèves de droit et de civilisation uniquement)

Ce cours examinera les origines de notre monde contemporain en étudiant les forces qui ont façonné les 19e et 20e siècles. Plus précisément, les élèves étudieront l'industrialisation des économies modernes et l'impact qu'elle a eu sur le monde. D'autres sujets de discussion incluront les idées et les thèmes clés de l'histoire contemporaine, y compris le communisme, l'impérialisme, les droits, la démocratie et les conflits mondiaux, ainsi que leur influence sur les événements du 20e siècle.

Prerequisite: 330-311-LA

Credits: 2.00

History of Sport **330-907-LA**

(History for Sport Marketing students only)

This course will take the evolution of the ideas and practices of sport from Prehistoric times to our own contemporary era. It will focus on the "Age of Progress" (1860-1914) and the extraordinary leap forward in leisure and affluence that led to the regularization of rules and codes. During our own Global Age, aspects of professionalism, the growth of expectations and motivation will supplement views on sportsmanship, fitness and recreation.

Credits: 2.00

History of Western Civilization **330-910-RE**

(Level I History for Social Science students only)

This is an introductory course in Western history from earliest times to the present. It traces the origins from Ancient Mesopotamia and Ancient Egypt, and the great Mediterranean era of Ancient Greece and Ancient Rome. The changes brought upon by the Middle Ages are examined, including changes to religion, social life, and political organizations. This will lead to the Renaissance and Reformation movements. Attention will also focus on the Political and Industrial Revolutions, and their effects on Science and Technology, Liberalism, Socialism, Nationalism and Imperialism through the 20th Century. This first course in history will include a foundation on themes, definitions, and procedures of the historical craft.

Credits: 2.00

Introduction to World History **330-S01-LA**

(Level I History for Social Science students only)

What connects humans throughout history? Discover fascinating people and events that changed the world and tie it together. After setting the scene with premodern global history, dive into the state of the world in the 1500s, including colonialism, imperialism, slavery, and cultural assimilation. In the Modern Era, juxtapose Enlightenment ideals and global revolutions with the slow and difficult application of human rights and creeping industrialization. Conclude your journey with the past century, its conflicts, authoritarianism, nationalism, decolonization, technological revolutions, globalization, and fights for the environment and civil rights. Along the way, add to your historical, research, and writing skills.

Credits: 2.00

History of Ancient Greece**330-S02-LA**

(Level II History for Social Science students only)

Explore the fascinating and controversial history of Ancient Greece. Learn about the Greeks' inspiring acts of heroism, impressive innovations, and scandalous behaviour dating from the Bronze Age kingdoms to Rome's takeover. Enjoy analyzing the primary sources that bring Ancient Greece to life. Discover the development of unique ideas like colonization, historical writing, and democracy. Investigate the legacies of individuals like Leonidas, Pericles, and Alexander the Great. Examine the causes and effects of major events like the Trojan, Persian, and Peloponnesian Wars. Overall, recognize how Ancient Greek concepts regarding education, justice, sports, architecture, and interstate relations evolved and shaped modern society.

Prerequisite: 330-S01-LA

Credits: 2.00

History of Ancient Rome**330-S03-LA**

(Level II History for Social Science students only)

Admired for its powerful army and larger-than-life emperors, ancient Rome is also notorious for cruelty, gladiators, slavery, and gender inequality. Is modern society's fascination with ancient Rome a good thing? After starting with Rome's humble beginnings, advance your investigation with the Republican Period, including the Punic Wars, Triumvirates, and Caesar. Intensify your study with the gripping Empire Period, its eccentric dynasties like the Julio-Claudians, rise of Christianity, destruction of Pompeii, plagues, and Stoicism. Throughout, weave patterns about gender, violence, power, propaganda, militarism, and empire building. An added benefit is practicing your historical, research, and writing skills as we go.

Prerequisite: 383-S01-LA

Credits: 2.00

History of Medieval Europe**330-S04-LA**

(Level II History for Social Science students only)

Discover Medieval Europe, a world of mighty kingdoms and empires, of castles, knights and bishops. After the fall of the Roman Empire, Europe enters the Middle Ages, a period of transition, great change and turmoil, extending for a thousand years up to the Renaissance. This is a period of challenges and opportunities, when Europe redefines itself and founds much of the world we know today. Dive into a world of intrigues, power struggles, love stories, valiant and honorable deeds, and great discoveries.

Prerequisite: 330-S01-LA

Credits: 2.00

History of the 20th Century**330-S05-LA**

(Level II History for Social Science students only)

Learning about the global history of the Twentieth Century helps to better understand the major changes and issues confronting the world today. Beginning with the 'Belle Époque' period, examine the tensions that led to the catastrophe of the First World War. Focus on the defining events of the World Wars, the Great Depression, totalitarianism, the Holocaust, decolonization, and the Cold War. Additionally, learn about the emergence of important ideologies including nationalism, imperialism, fascism, communism, and globalism. Finally, trace the development of major 20th Century themes such as modern warfare, nuclear disarmament, human and civil rights movements, AIDS, and the role of the United Nations.

Prerequisite: 330-S01-LA

Credits: 2.00

History of the United States**330-S06-LA**

(Level II History for Social Science students only)

Who are the American People? Do we really know our neighbors to the south? Discover the history of the United States and the sweep of American experience, from pre-Columbian times to the present. The challenges facing the founders of the United States in exploration and discovery; in society and culture building; in settlement and constitution making; in assimilation, slavery and racism; in civil war. Business, immigration and “foreign entanglements” will be examined, with attention to the American capacity to adapt, adopt and change. Build an appreciation for the events, policies and people that exemplify the United States today.

Prerequisite: 330-S01-LA

Credits: 2.00

History of the Modern Middle-East**330-S07-LA**

(Level II History for Social Science students only)

Since 9/11, Western media has produced sensationalized depictions of the Middle East. Headlines saturated in buzzwords like “terrorism” “radical Islam” have oversimplified the region’s tapestry of politics, people, and culture. History, however, paints a far more intricate picture. Learn how to properly evaluate the causes and consequences of the formation of radical groups, but also explore a deeper understanding of the Middle East’s diversities. Use historical analysis to unpack some of the major modern turning points in the region, ranging from the Ottoman entry into World War I, to the protests of the 2000s. Along the way, compare, contrast, and assess social, political, and economic change across the region.

Prerequisite: 330-S01-LA

Credits: 2.00

History of Crime and Punishment**330-S08-LA**

(Level II History for Social Science students only)

Have you ever wondered how individuals found guilty of breaking the law were punished by public authorities over the course of time? You can explore this rich subject through this study of the criminal justice systems of different societal settings from Neolithic to modern times. Lecture topics include Ancient and Medieval notions of crime and religious punishment, the European witchcraft craze, Enlightenment theories of penal reform, the development of the penitentiary system, law enforcement, and modern rehabilitation policies. The concepts of social class, race, and gender will be used to facilitate the analysis and research of these topics.

Prerequisite: 330-S01-LA

Credits: 2.00

History of Genocide**330-S09-LA**

(Level II History for Social Science students only)

Has it always been the case that humans have eliminated those they hate? Examine and analyze genocide and mass killings as historical phenomena. Learn about the main theories, typologies, and definitions of genocide as well as key concepts such as war crimes, crimes against humanity and ethnic cleansing. Subsequently, analyze possible cases of genocide in the late 19th and 20th centuries including those in Namibia, Turkey, Ukraine, Germany, Cambodia, Bosnia, and Rwanda, with a focus on the roles and identities of perpetrators and the experiences of survivors of genocide. Finally, examine the question of denial and falsification in key cases of genocide in the 20th century.

Prerequisite: 330-S01-LA

Credits: 2.00

History of Drugs**330-S10-LA**

(Level II History for Social Science students only)

Why have drugs been consumed since the beginning of human history and why have so many societies tried to control their use? What role have drugs played in shaping historical events? Explore the history of licit and illicit drugs, and how they have altered human history. Starting with an examination of drug use from a historical and cross-cultural perspective, learn how drugs have influenced the development of societies by analyzing their political, economic, social, and cultural impact. Subsequently, examine the modern history of drugs including topics such as prohibition, drug interdiction policies and the “war on drugs”, mass incarceration, addiction, recreational and medicinal drug use, the emergence of synthetic drugs, and the opioid crisis.

Prerequisite: 330-S01-LA

Credits: 2.00

History of Gender and Sexuality**330-S11-LA**

(Level II History for Social Science students only)

History has not been kind to women and the LGBTQIA+ community. Discover how numerous women from all around the world led the way in overcoming strict gender norms to fulfill their potential. Add historical depth to your understanding of “feminism” and sexual “normativity” and broaden your views on them beyond the Western perspective. Learn how atypical gender identities were forged in sometimes very hostile – or unexpectedly accepting! – historical contexts. From ancient Greek pederasty to the #MeToo movement, explore how historians uncover hidden segments of the past which shed new light on current events.

Prerequisite: 330-S01-LA

Credits: 2.00

Selected Topics in History**330-S12-LA**

(Level II History for Social Science students only)

This course covers new and special topics offered by the History Department. It will cover emerging issues or specialized content not represented in our main curriculum. Topics may change from semester to semester based on faculty and student interest or the specific needs of a Social Science profile.

Prerequisite: 330-S01-LA

Credits: 2.00

Philosophy

Research Methods

300-211-LA

(Methodology for Law & Civilization students only)

This course introduces students to the use of proper research methods in the Liberal Arts. Students will practice the various research and expository skills needed to write a major academic research essay (e.g., critical evaluation of primary and secondary sources, organized note-taking, writing of increasingly well-structured and clearly expressed drafts). During the lab period the students will have the opportunity to improve their computer skills.

Credits: 2.00

Morality, Justice and the State

340-111-LA

(Philosophy for Law and Civilization students only)

Questions about justice and morality have been raised time and time again in Western civilization as well as in other civilizations. Answers to these questions have been advanced by many different major thinkers, philosophers and ideologies, which all find their ultimate source and foundations in the thought and writings of Greek and Roman philosophers of the Ancient World, and most notably Plato and Aristotle, the two most important Greek philosophers and the two main sources of Western philosophy. Students will consider and reflect upon Plato's and Aristotle's views of morality and justice, through their moral philosophies and their political theories, as well as their views of human nature. This will be done through a careful reading of some central passages in Plato's and Aristotle's writings, such as Plato's "Republic" and Aristotle's "Ethics", and by relating these texts to issues of justice and morality in our own society.

Credits: 2.00

Philosophy of Law

340-211-LA

(Philosophy for Law and Civilization students only)

This course is designed to acquaint students with different philosophical perspectives and views on law. Such questions, among others, will be explored: What is law? What are the origins and foundations of legal systems? What is the relationship between law, politics, and morality? What are the criteria of legal validity? Where do rights come from and what is their philosophical justification? What is the legal and political status of constitutions? Throughout the semester students will be introduced to the theories and notions of various contemporary thinkers on these questions and will also be asked to critically analyse different legal practices and issues with the use of these theories and notions.

Credits: 2.00

Liberty, Rights and the Individual

340-311-LA

(Philosophy for Law and Civilization students only)

Some of the great philosophical ideas of the Modern Age in the 17th and 18th century will be considered this semester. These ideas have shaped the modern world, its political and social institutions, and its views of reason, human beings, liberty, morality, and politics. Since many of these ideas are still accepted in the 21st century, we will also explore ways in which they have influenced our current views. Students will thus explore the thinking of modern and contemporary philosophers who addressed such questions as: What is the source of legitimate political power? Are we first of all individuals or members of a society? Do we have rights other than those granted by society? What are the basis and limits of religious tolerance? Are humans good or evil by nature? What is happiness? What principles should guide the distribution of social and economic goods? Can greater liberty, economic prosperity, wealth and private property lead to progress and to greater human happiness? These questions will be addressed through some major relevant texts, including the political and social theories of Hobbes, Locke, Spinoza and Rousseau, among others.

Prerequisite: 340-111-LA

Credits: 2.00

Logic, Math and Society**360-311-LA**

(Methodology for Law and Civilization students only)

This course is designed to allow students to investigate themes and topics related to two major areas of human thinking and knowledge: logic and mathematics. The course will consider such topics as the nature of reasoning, the relation between logic and mathematics, the relation between knowledge and mathematics, the nature and place of truth and validation within mathematics, and the status of rationality. The course will also include a laboratory component made up of exercises to allow students to explore and better understand these themes and topics.

Credits: 2.66

Development of Modern Science**360-411-LA**

(Methodology for Law and Civilization students only)

This course charts the history of the scientific approach to knowledge. It focuses on the transition from the medieval worldview to one where nature is studied through the application of the scientific method. Students will learn the theory underlying some of the important developments in science after the 1500s. The course explores some of the philosophical assumptions that frame knowledge in science, and contextualises scientific knowledge within the artistic, literary and political movements of the time. An important distinction between science and other philosophies is that scientific knowledge is derived from sensory information and physical manipulation, augmented by technological tools. For this reason this course includes two hours of laboratory work per week, and emphasis is placed upon directly experiencing some of the techniques used by scientists to understand the world around us.

Prerequisite: 300-211-LA

Credits: 2.66

Integrative Seminar**360-421-LA**

(Methodology for Law and Civilization students only)

The seminar is intended to serve as the framework within which students will meet the two requirements of the stipulated comprehensive assessment for the L.A. program: the comprehensive exam and the research essay. This essay and the final exam constitute the "épreuve synthèse" required by the Ministry of Education to successfully complete the Liberal Arts program. The seminar is therefore specially designed to give students the supervision required in the process of writing a major research essay and using one of the major critical approaches found in the field of the 'humanities'. This will be done mainly through class meetings, small group meetings and individual supervision meetings. In addition the seminar will continue to explore the great tradition of the humanities of Western Civilization which students undertook in the first semester of their studies, and focus every year on a central theme expressed in the humanities of the late 20th to the early 21st century. Students will explore and reflect upon these themes through readings and class discussions.

Credits: 2.00

World Religions**370-311-LA**

(Religion for Law and Civilization students only)

Myth and religion have played a central role in the development of civilization for millennia, and to this day religious worldviews purport to offer answers not only to basic questions of human existence, but also explanations for natural phenomena and justifications for social and ethical mores, political structures, and systems of law. This course traces the history and development of religious ideas, with a focus on early mythology, the Semitic faiths (Judaism, Christianity and Islam) and the Eastern traditions (Buddhism and Hinduism). Using key texts from the religions studied and focussing on comparative themes, students will be challenged to address the historical and contemporary importance of these ideas while evaluating them in the light of other worldviews, both religious and secular.

Credits: 2.00

Humanities

Science and History

345-101-01

(345-101-MQ: Humanities – Knowledge)

In this course we examine how we come to know in Science and how such knowing has revolutionized the way in which we see the world and ourselves. In our analysis we also explore the possible limits to such knowledge, for example, the limits to self-understanding. We also examine knowing in History and compare it with knowing in Science. Is the process of knowing the same or different? And how do we come to know about History? We shall see how our way of viewing historical events influences our lives.

Credits: 2.33

The Vision of Art

345-101-02

(345-101-MQ: Humanities – Knowledge)

This course looks at art as a form of knowledge. Students will study a wide variety of artwork and will place each piece in its cultural and historical context. A variety of artwork and topics, for example gender and beauty, war and destruction, culture and religion, social change and consumerism will be examined in order to highlight how culture, time, place and social context can affect the interpretation and representation of ideas. Students will think critically about what the artists and their societies “knew” to be true and compare this with their own knowledge base and value system.

Credits: 2.33

Religion and Knowledge

345-101-04

(345-101-MQ: Humanities – Knowledge)

Since their inception, religions have offered various truth claims about the world, the fundamental mysteries of the universe and existence. This course will compare scientific, philosophical and other types of knowledge with religion in order to determine whether indeed there is such a thing as religious knowledge.

Credits: 2.33

Education and Social Change

345-101-05

(345-101-MQ: Humanities – Knowledge)

As a student you have probably asked yourself if the knowledge you are pursuing is worthwhile. What kinds of knowledge are valued by our society and how is it reflected in education systems? How does schooling take into account differences in how people learn? This course will look at various educational approaches, or ways of organizing knowledge, in relation to social values. We will start with a historical overview of key educational thinkers and movements, including the emergence of mass education in the 19th century. We will then study critiques of traditional schooling as well as alternative movements, such as free schooling and popular education. Students will apply theories of critical pedagogy, addressing issues of equity in the context of increasingly diverse classrooms, technological change and the ascendancy of media culture.

Credits: 2.33

Knowledge, Science, and Philosophy

345-101-08

(345-101-MQ: Humanities – Knowledge)

All humans seek to understand the world and their own individual existence. It has long been believed that philosophy could offer us knowledge in such matters, knowledge of the "highest kind" known as wisdom. Does philosophy truly offer knowledge? If so, what kind of knowledge would wisdom be? How can we achieve it? This course will attempt to answer these questions by considering the nature of knowledge itself and by examining the origin, historical development, and methods of Science, and by comparing and contrasting scientific knowledge with philosophy in order to determine whether indeed there is such a thing as "philosophical knowledge."

Credits: 2.33

<p>Gender and Knowledge</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>This course explores the relationship between gender, sex, sexuality, bodies and knowledge. It will examine how nature (biology) and nurture (environment) affect the definition and expression of our gendered and sexual identities. Themes of cultural representations, social roles, and stereotypes will also be explored. Students will apply the tools necessary to develop a critically-informed understanding of the topic.</p>	<p>345-101-09</p> <p>Credits: 2.33</p>
<p>The Development of Knowledge</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>This course explores how humans have developed explanations of the world and how fundamental elements of knowledge continue to undergo change, often through contributions from the Humanities. Students will undertake an analysis of the development of one or more different fields of knowledge and consider how and why the fields have evolved through the years.</p>	<p>345-101-10</p> <p>Credits: 2.33</p>
<p>Knowledge and Media</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>We live in a media-saturated environment. Much of what we know about the world comes to us through the media, and we are media producers whenever we post a photo or send a message online. The Knowledge and Media course explores the role of the media in the acquisition of knowledge, particularly as a means of transmitting and shaping information and ideas. Media forms to be addressed range from the print medium to electronic media. Students will analyse and assess the impact of various media upon the individual's claims to knowledge. Students will learn how to assess the reasons why media messages are shaped the way they are, think critically about the reliability of media sources, and reflect upon how their own media practices contribute to shaping the knowledge of others.</p>	<p>345-101-11</p> <p>Credits: 2.33</p>
<p>Knowledge, Society and the Environment</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>The environment is something that we talk about all the time. Yet, paradoxically, it registers low on opinion polls when Canadians are asked: "What matters to you the most?" But at a gut level, we know it is one of the most powerful and inspiring forces in the world. This course provides students with the opportunity to develop basic critical thinking skills, as well as study key theories of knowledge and apply them to our understanding of the environment. Throughout the term, we will analyze what we claim to know and why we do so, both in general terms and with respect to our relationship with the environment. Our inquiry will lead us to investigate fields such as race, class, politics, and gender as components for our knowledge and experience of ecological degradation and sustainability. We will also raise questions regarding our complex relationships with food, consumer products, and the media, attempting to understand how these associations affect our perceptions, attitudes and interactions with the environment.</p>	<p>345-101-12</p> <p>Credits: 2.33</p>
<p>Knowledge and Conspiracy Theories</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>"To conspire" is "to plot or plan secretly with others," usually with illegal or evil intent and often within the structure of real or alleged 'secret societies.' Accounts of, and public fascination with, conspiracy theories and secret societies appeal variously to the deluded, the disenchanting and the disenfranchised. They also attract the powerful establishment. This course will explore the relationship between knowledge, power and control. Students will apply theories of knowledge and principles of critical thinking to both historical and contemporary conspiracy theories.</p>	<p>345-101-27</p> <p>Credits: 2.33</p>

<p>Ancient World Knowledge</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>Students will study the nature, scope, and development of fields such as science, religion and the arts in the ancient world. These developments will be examined for their contributions to different ways of knowing the world based on their distinct principles, assumptions and methods of explaining reality.</p>	<p>345-101-28</p> <p>Credits: 2.33</p>
<p>Fact and Fiction: Narrative, Truth and Persuasion</p> <p>(345-101-MQ: Humanities – Knowledge)</p> <p>This is a course about how our stories are shaped by interpretation, deliberate choices and omissions; how they contribute to our understanding and preserve collective knowledge. How sure can we be that a story is true? How can we evaluate the information it contains? Who should we believe in the case of competing narratives? We will look at the Satanic Panic of the 1980s and 90s; the rise of citizen journalism; a variety of stories about criminals, celebrities and ordinary people; and self-presentation in the digital age. There will also be a section on several figures from the ancient world and stories emerging from World Wars I and II.</p>	<p>345-101-29</p> <p>Credits: 2.33</p>
<p>The Humanist Tradition</p> <p>(345-102-MQ: Humanities – Worldviews)</p> <p>Humanism envisions human beings as living works of art whereby each person is their own, and humankind's, artisan. We are our own artisans because each of us possesses the tools, such as thought and creativity, and consequently the responsibility to become as fully "human" as possible. Throughout history the label "humanism" has been attached to a variety of worldviews. In this course students will gain insight into the vast humanist tradition from Renaissance to modernity by examining, comparing and contrasting a variety of worldviews such as spiritual humanism, secular humanism and existential humanism, to name a few.</p> <p>Prerequisite: 345-101-MQ</p>	<p>345-102-01</p> <p>Credits: 2.00</p>
<p>Green Living</p> <p>(345-102-MQ: Humanities – Worldviews)</p> <p>Ecology is more than the central element in a particular field of academic study, or the concern of political parties and pressure groups. Ecological responsibility as a worldview requires understanding of a particular philosophy. Students will explore the question of what constitutes a worldview and the philosophy of green living as an example of this. They will gain some insight into the origins of modern ecological thinking and the significant ways this may differ from or clash with other worldviews.</p> <p>Prerequisite: 345-101-MQ</p>	<p>345-102-02</p> <p>Credits: 2.00</p>
<p>Democracy and Cultural Diversity</p> <p>(345-102-MQ: Humanities – Worldviews)</p> <p>Through many centuries, governments often abetted by an established religion, treated their people as if they were homogeneous, and did not hesitate to enforce certain values, customs and beliefs. Once the principles of democracy have been truly embraced, such an attitude can hardly be maintained. Any true democracy must come to terms with such concepts as multiculturalism and pluralism. In this course students will explore the question of what constitutes a worldview, and they will consider the extent to which different worldviews may be compatible within a democratic society. Attention will also be given to the relationship between different societies with differing predominant worldviews.</p> <p>Prerequisite: 345-101-MQ</p>	<p>345-102-04</p> <p>Credits: 2.00</p>

Worldviews of Modern India**345-102-12**

(345-102-MQ: Humanities – Worldviews)

This course gives an introduction to the worldviews of different groups in Indian society on the eve of Independence. Students will study the beliefs and values of various Indian peoples, and will become acquainted with the context of this period. What makes a nation? What does it mean to have a national, religious or cultural identity? Should minority groups have special representation in democratic countries, or should representation be based on the idea of individual political rights? What role should religion play in the modern world? What makes political authority legitimate? These questions were important to the debates in India in the 1940s; they are relevant questions in our own society today.

Prerequisite: 345-101-MQ**Credits: 2.00**

Utopias and Social Criticism**345-102-13**

(345-102-MQ: Humanities – Worldviews)

A utopia is a perfect society; a dystopia is a society in chaos. Utopian thinkers use creativity and social criticism to envision and share the ways individuals could best live together. This class will explore the dream of utopia and the nightmare of dystopia through an examination of the worldviews expressed in the art, literature, philosophy, theology or politics of utopian and dystopian thinkers. Further, the impact of these ideas in shaping a contemporary or future society will be considered.

Prerequisite: 345-101-MQ**Credits: 2.00**

Indigenous Worldviews in Kanà:ta**345-102-16**

(345-102-MQ: Humanities – Worldviews)

While most non-Indigenous Canadians subscribe to the dominant Euro-American worldview, Indigenous peoples traditionally do not. This course compares Western and Indigenous worldviews by looking at their underlying knowledge and belief systems. We will explore several worldviews of the First Nations, Métis and/or Inuit peoples of Canada, including that of the Mohawk, keepers of the Eastern Door of the Haudenosaunee.* Given that we live on land claimed by the Mohawks, this course will give students an important glimpse into how the world is understood from the Mohawk, or Kanien'kehà:ka, perspective.

Prerequisite: 345-101-MQ**Credits: 2.00**

Worldviews of Asia**345-102-17**

(345-102-MQ: Humanities – Worldviews)

Asia is a continent presenting a vast range of worldviews, experienced daily, with several worldviews often occurring simultaneously. With its extreme cultural heterogeneity, Asia offers nearly endless opportunities for the study of worldviews. In this course, students will focus on the study of two or more worldviews originating in the cultures, philosophies and religions of Asia, such as Confucianism, Daoism, Buddhism, Shintoism, Hinduism, Islam and more. Through careful examination of their historical roots and modern-day manifestations, students will gain a deeper understanding of how these worldviews have played out in their associated Asian societies. Please note that the teacher may choose to focus on a specific region of Asia (i.e. East Asia, Southeast Asia, South Asia).

Prerequisite: 345-101-MQ**Credits: 2.00**

Diasporas**345-102-18**

(345-102-MQ: Humanities – Worldviews)

For as long as there have been human beings, there has been migration. Diasporic peoples – who can be defined as people settled far from their ancestral homelands – exist throughout the world and allow for an intriguing and multifaceted study of worldviews. In this course, we will explore various expressions of diaspora, covering one (or more) diasporic peoples settled in one (or more) host societies. Using worldviews as an analytical framework, students will compare the varied historical, socio-cultural and political factors affecting these diaspora(s), thus gaining an in-depth understanding of their experiences in their host societies. With the aid of appropriate reference material, students will be expected to express, in a multi-disciplinary context, an analysis of the context, importance and implications of worldviews. In a series of assignments, including a significant individual written component, students will be expected to describe, explain, and analyse in appropriate terminology and in an organized manner, the central ideas of a given worldview. They will be expected to demonstrate a coherent integration of the importance and implication of a worldview for the given societies or groups.

Prerequisite: 345-101-MQ**Credits: 2.00**

Yoga (semi-intensive): World Views & Practice**345-102-40**

(THIS COURSE MUST BE TAKEN IN CONJUNCTION WITH PHYSICAL EDUCATION 109-1M2-40 - TOTAL OF 3 CREDITS)

(345-102-MQ: Humanities – Worldviews)

In this unique, interdepartmental Humanities and Physical Education course students will, through an analysis of different world views on yoga, both past and present, explore diverse traditions of yoga from philosophical, cultural, literary, scientific, and practical perspectives. In the Physical Education component of this introductory course on yoga, students will learn and practice yoga postures (asanas) and breathing exercises (pranayama), as well as meditation and deep relaxation techniques. Through a process of, self-assessments, goal setting, journaling and weekly personal practices, students will learn how to create their own personal “vinyasa” (flow of yoga postures) as well as develop the skills needed to enjoy a safe and effective yoga practice. Because of the semi-intensive nature of this course (11 weeks), students are required to attend one Saturday class and one overnight weekend retreat (Friday evening to Sunday afternoon) with transportation included. A compulsory fee is associated with this course to cover transportation, equipment and food.

Prerequisite: 345-101-MQ & Absolute Corequisites: 109-1M2-40**Credits: 2.00**

Thinking outside the Box, Then & Now**345-1LA-LA**

(345-101-MQ: Humanities for Law and Civilization students only)

“If a tree falls in the forest and no one is there to hear it does it make a sound?” How can anything be known with certainty? Can we base our knowledge on our senses? Is scientific knowledge more reliable? Since our eyes have been known to “deceive” us and some scientific “facts” become obsolete, can we really know anything? The focus of the course is to incite critical and creative thinking about all presumed knowledge by asking, and attempting to answer, one simple question, How do you know?

Credits: 2.33

The Rise of Humanism**345-2LA-LA**

(345-102-MQ: Humanities for Law and Civilization students only)

Throughout history, human beings have tried to understand the world and their own individual existence. To do so, they have developed worldviews: visions of the cosmos, of the place of human beings in this cosmos, of human nature, and of society. Within Western Civilization, a limited number of worldviews have shaped our present vision of the world, of human nature and of society; one major worldview is that of Humanism which sees humans as having fundamental value and potential. But to understand Humanism we must look at the worldview that came before it and which was entirely opposed to it: the Medieval Christian worldview, which, with its God centered perspective, did not recognize any inherent value to an individual human being. Students will thus be introduced to these two worldviews, their modes of expression in the arts, literature and philosophy, and their impact on our world.

Prerequisite: 345-101-MQ or 345-1LA-LA**Credits: 2.00**

Éthique pour sciences humaines	345-BFB-LA
<i>(Pour les élèves en sciences humaines seulement)</i>	
Ce cours est conçu pour familiariser les élèves du programme de sciences humaines avec les principes fondamentaux de l'éthique et un certain nombre de théories éthiques majeures. Les élèves auront l'occasion de tester et d'appliquer ces théories à certains problèmes éthiques courants. Une partie importante du cours sera consacrée à l'analyse de questions éthiques particulièrement pertinentes pour le programme de sciences humaines.	
Préalables : 345-101-MQ et 345-102-MQ	
Credits: 2.00	

Éthique pour sciences informatiques	345-BFC-LA
<i>(Pour les élèves en sciences informatiques seulement)</i>	
Ce cours est conçu pour familiariser les élèves des programmes professionnels avec les principes fondamentaux de l'éthique et un certain nombre de théories éthiques majeures. Les élèves auront l'occasion de tester et d'appliquer ces théories à certains problèmes éthiques courants. Une partie importante du cours sera consacrée à l'analyse de questions éthiques particulièrement pertinentes pour les sciences informatiques. Une partie importante du cours pourrait être consacrée à la montée des enjeux de l'éthique de l'IA et de l'utilisation responsable des données.	
Préalables : 345-101-MQ et 345-102-MQ	
Credits: 2.00	

Éthique, droit et civilisation	345-BFL-LA
<i>(Pour les élèves de droit et de civilisation seulement)</i>	
Dans ce cours, les élèves se verront présenter quelques principes moraux et quelques grandes théories éthiques qu'ils devront utiliser dans l'examen de questions fondamentales intéressant tout le monde, et de questions morales spécifiques particulièrement pertinentes pour les profils de droit et de civilisation du programme, telles que la justice sociale, le droit et la morale, les droits de l'homme, le droit international et la notion de guerre juste.	
Préalables : 345-101-MQ et 345-102-MQ	
Credits: 2.00	

Humanities for Science Programs	345-BMA-LA
<i>(Humanities for Science students only)</i>	
This course is designed to acquaint students in the science program with the fundamental principles of ethics and a number of major ethical theories. Students will then have the opportunity to test and apply these theories to some common ethical problems. A substantial part of the course will be devoted to analysing ethical issues that are especially relevant to the science program.	
Prerequisite: 345-101-MQ and 345-102-MQ	
Credits: 2.00	

Humanities for Social Science Programs	345-BMB-LA
<i>(Humanities for Social Science students only)</i>	
This course is designed to acquaint students in the Social Science program with the fundamental principles of ethics and a number of major ethical theories. Students will have the opportunity to test and apply these theories to some common ethical problems. A substantial part of the course will be devoted to analysing ethical issues that are especially relevant to the Social Science program.	
Prerequisite: 345-101-MQ and 345-102-MQ	
Credits: 2.00	

Psychology

Statistics in the Social Sciences

300-202-LA

(Level II for Social Science students only)

This course will apply advanced statistical tools, based on the probability theory, to decision-making in research with an emphasis on the use of research design in Psychology. It is recommended for students who wish to pursue university studies in psychology. Although it is offered as a required course to students in the Psychology option, it is also open to students from all Social Science program options who wish to expand their knowledge of statistics and research methods beyond the Quantitative Methods course.

Credits: 2.00

Introduction to Psychology

350-102-RE

(Level I Psychology for Social Science students only)

How do people learn? What is memory and why do we forget? How does the brain work? You get to answer these and many more questions in Introduction to Psychology. The topics discussed help you understand how various factors can influence your behaviour and brain processes in different situations and give you a new perspective on some of your own experiences. Strategies to help with your memory, study habits, and learning methods are discussed, which will help you apply course topics to your own life.

Credits: 2.00

Lifespan Development

350-201-LA

(Level II Psychology for Social Science students only)

This course will explore the changes and challenges across the stages of development of the human life span. The course will begin with prenatal development and continue through infancy, childhood, adolescence, adulthood, and death and dying. Specific issues surrounding psychological development, including the impact of heredity and environment and the role of the family, will be addressed.

Prerequisite: 350-102-RE

Credits: 2.00

Psychology of Sexual Behaviour

350-202-LA

(Level II Psychology for Social Science students only)

How do you connect to people, especially your loved ones? What attracts you to someone? How do you choose a partner? You get to answer these and many more questions in Psychology of Sexual Behaviour. Using a multidimensional perspective and keeping sexual health in mind, you get to look at sexuality and intimate relationships which are an integral part of our lives. The topics explored help you understand the research and theories that examine how you view relationships and the meaning you give to love and sex. They also enable you to understand some of your own preferences and why you have them.

Prerequisite: 350-102-RE

Credits: 2.00

Social Psychology

350-203-LA

(Level II Psychology for Social Science students only)

Ever wonder how our attitudes and behaviors change in response to other people? Why do people risk their life to help others? What leads us to like one person and dislike another? How do conflicts and prejudices develop, and how can they be reduced? These types of questions lie at the heart of social psychology and their answers can be drawn from your individual experiences. The topics explored help you understand some of the social forces and influences that have contributed to your personality and techniques you have used to make sense of the world. The exploration of research in social psychology can also help you understand how you think, behave, and influence others.

Prerequisite: 350-102-RE

Credits: 2.00

Psychology of Human Relations**350-204-LA**

(Level II Psychology for Social Science students only)

This course is designed to help develop self-awareness in factors that influence your relationships with others such as friends, family as well as work colleagues. The purpose of this course is to build on identifying, understanding and adapting your communication style and other factors that influence your rapport with others. Class exercises and material will focus on self-reflection, on awareness of communication styles and on strategies to improve human relations.

Prerequisite: 350-102-RE

Credits: 2.00

Psychology of Mental Health**350-205-LA**

(Level II Psychology for Social Science students only)

What are the most prominent mental health issues affecting people in the twenty-first century? How do psychologists help people and treat these issues? You get to answer these and many more questions in Psychology of Mental Health. The focus is on mental illness and mental wellness along with the historical roots and myths about mental health. Special attention is given to interventions used by psychologists to deal with a wide range of mental health struggles, including positive psychology. The topics discussed can also help you understand some of your experiences.

Prerequisite: 350-102-RE

Credits: 2.00

Child and Adolescent Development**350-207-LA**

(Level II Psychology for Social Science students only)

Why do certain kids cry when their parents drop them off at day care? Do all teenagers experience an identity crisis? You get to answer these and many more questions in Child and Adolescent Development. We undergo many changes from birth up until the teenage years. To study these changes, we focus on the physical, cognitive, social and emotional development of children and adolescents. The topics discussed explore and analyze development within the contexts of family, peer groups and school. You get to apply this knowledge in various contexts, reflect on your own experiences and raise your very own virtual child.

Prerequisite: 350-102-RE

Credits: 2.00

Selected Topics in Applied Psychology**350-208-LA**

(Level II Psychology for Social Science students only)

How does our brain experience emotions? Why are some people always able to find the right words when trying to comfort people? Are collaboration and cooperation the same? You get to answer these questions and many more in Selected Topics in Psychology. Some topics in Psychology are so fascinating that they are worth exploring in greater detail. Using a selected area of Psychology, you get to analyze and interpret recent events and discuss new discoveries in the field. Each topic gives you the chance to dig deeper into the field of Psychology and to further understand your behaviours and mental processes.

Prerequisite: 350-102-RE

Credits: 2.00

Sports Psychology**350-209-LA**

(Level II Psychology for Social Science students only)

How can you become motivated for something you are not intrinsically or already motivated for? Which elements can make it more difficult to achieve your goals? You get to answer these and many more questions in Sports Psychology. The topics included (e.g., motivation, self-confidence, feedback, and mental skills such as concentration and goal setting) help you understand your behaviours and thoughts in situations where you are asked to perform various tasks. Strategies to help you manage your own motivation, your confidence, and your overall performance in various contexts (e.g., school, work, sports) are also discussed and applied to your own life.

Prerequisite: 350-102-RE

Credits: 2.00

<p>Theoretical Perspectives in Psychology</p> <p>(Level II Psychology for Social Science students only)</p> <p>Why do you like meeting new people while your sister does not? How does your personality develop? You get to answer these and many more questions in Theoretical Perspectives in Psychology. Your personality can be explained by multiple theories and perspectives in psychology, such as: biological, behavioural, cognitive, psychoanalytic, trait and humanistic. These can assist you in understanding who you are and how you manifest your uniqueness in the world. The topics discussed provide the opportunity to navigate psychological explanations of personality using the lens on your own life experience.</p> <p>Prerequisite: 350-102-RE</p>	<p>350-210-LA</p> <p>Credits: 2.00</p>
<p>Abnormal Psychology and Criminal Behaviour</p> <p>(Level II Psychology for Social Science students only)</p> <p>How are mentally ill offenders treated in the Canadian Justice system? How is criminal responsibility determined? What role does intoxication play when determining an offender's prison sentence? What is infanticide? You get to answer these and many more questions in Abnormal Psychology and Criminal Behaviour. Cases studies are used to look at legal questions of a psychological nature as well as diagnostics associated with different mental health conditions ranging from schizophrenia to major depression to psychopathy. Other topics include sleepwalking, PTSD and pedophilia. The topics covered allow you to complete a film analysis where you are asked to diagnose the main character.</p> <p>Prerequisite: 350-102-RE</p>	<p>350-212-LA</p> <p>Credits: 2.00</p>
<p>Psychological Development of Criminal Behaviour</p> <p>(Level II Psychology for Social Science students only)</p> <p>Are criminals born or made? You get to answer this question and many more in Psychological Development of Criminal Behaviour. The interaction of several environmental and biological factors throughout the lifespan can lead to criminal behaviour. Such risk factors can be classified as developmental, social, and learning. Drugs and mental disorders also have possible impacts on such behaviour. The topics covered allow you to identify and explain such risk factors and their immediate impacts. You also get to discover various strategies to prevent criminal behaviour from occurring or worsening. Ultimately, you apply your knowledge of these topics by analyzing real-life criminal cases.</p> <p>Prerequisite: 350-102-RE</p>	<p>350-213-LA</p> <p>Credits: 2.00</p>
<p>Communication & Professional Challenges in Nursing</p> <p>(Psychology for Nursing students only)</p> <p>This course provides students with the tools to be able to become more self-aware, improve their communication skills and acquire the ability to help clients and their family at the same time as preserving their own mental and physical health. In this course, students are exposed to different issues that they might encounter in their clinical practice. Topics related to nursing such as effective communication, managing stress, conflict resolution, intercultural communication, impression formation and professionalism are addressed.</p>	<p>350-N11-LA</p> <p>Credits: 2.00</p>
<p>Lifespan & Development</p> <p>(Psychology for Nursing students only)</p> <p>Students will be exposed to different theories, concepts and research findings that will help them better understand human development. Students will be able to learn about cognitive, physical, psychosocial changes taking place in different stages of life starting from birth until death. This will increase students' knowledge of the needs, personality traits and behavior of clients and their loved ones, therefore enabling them to effectively work with different clienteles.</p>	<p>350-N41-LA</p> <p>Credits: 2.00</p>

Introduction to Psychology**350-S01-LA**

(Level I Psychology for Social Science students only)

How do people learn? What is memory and why do we forget? How does the brain work? You get to answer these and many more questions in Introduction to Psychology. The topics discussed help you understand how various factors can influence your behaviour and brain processes in different situations and give you a new perspective on some of your own experiences. Strategies to help with your memory, study habits, and learning methods are discussed, which will help you apply course topics to your own life.

Credits: 2.00

Child and Adolescent Development**350-S02-LA**

(Level II Psychology for Social Science students only)

Why do certain kids cry when their parents drop them off at day care? Do all teenagers experience an identity crisis? You get to answer these and many more questions in Child and Adolescent Development. We undergo many changes from birth up until the teenage years. To study these changes, we focus on the physical, cognitive, social and emotional development of children and adolescents. The topics discussed explore and analyze development within the contexts of family, peer groups and school. You get to apply this knowledge in various contexts, reflect on your own experiences and raise your very own virtual child.

Prerequisite: 350-S01-LA

Credits: 2.00

Psychology of Intimate Relationships and Sexuality**350-S03-LA**

(Level II Psychology for Social Science students only)

How do you connect to people, especially your loved ones? What attracts you to someone? How do you choose a partner? You get to answer these and many more questions in Psychology of Intimate Relationships and Sexuality. Using a multidimensional perspective and keeping sexual health in mind, you get to look at sexuality and intimate relationships which are an integral part of our lives. The topics explored help you understand the research and theories that examine how you view relationships and the meaning you give to love and sex. They also enable you to understand some of your own preferences and why you have them.

Prerequisite: 350-S01-LA

Credits: 2.00

Social Psychology**350-S04-LA**

(Level II Psychology for Social Science students only)

Ever wonder how our attitudes and behaviors change in response to other people? Why do people risk their life to help others? What leads us to like one person and dislike another? How do conflicts and prejudices develop, and how can they be reduced? These types of questions lie at the heart of social psychology and their answers can be drawn from your individual experiences. The topics explored help you understand some of the social forces and influences that have contributed to your personality and techniques you have used to make sense of the world. The exploration of research in social psychology can also help you understand how you think, behave, and influence others.

Prerequisite: 350-S01-LA

Credits: 2.00

Psychology of Mental Health and Well-Being**350-S05-LA**

(Level II Psychology for Social Science students only)

What are the most prominent mental health issues affecting people in the twenty-first century? How do psychologists help people and treat these issues? You get to answer these and many more questions in Psychology of Mental Health and Well-Being. The focus is on mental illness and mental wellness along with the historical roots and myths about mental health. Special attention is given to interventions used by psychologists to deal with a wide range of mental health struggles, including positive psychology. The topics discussed can also help you understand some of your experiences.

Prerequisite: 350-S01-LA

Credits: 2.00

Psychology of Motivation and Performance**350-S06-LA**

(Level II Psychology for Social Science students only)

How can you become motivated for something you are not intrinsically or already motivated for? Which elements can make it more difficult to achieve your goals? You get to answer these and many more questions in Psychology of Motivation and Performance. The topics included (e.g., motivation, self-confidence, feedback, and mental skills such as concentration and goal setting) help you understand your behaviours and thoughts in situations where you are asked to perform various tasks. Strategies to help you manage your own motivation, your confidence, and your overall performance in various contexts (e.g., school, work, sports) are also discussed and applied to your own life.

Prerequisite: 350-S01-LA

Credits: 2.00

Theoretical Perspectives in Personality**350-S07-LA**

(Level II Psychology for Social Science students only)

Why do you like meeting new people while your sister does not? How does your personality develop? You get to answer these and many more questions in Theoretical Perspectives in Personality. Your personality can be explained by multiple theories and perspectives in psychology, such as: biological, behavioural, cognitive, psychoanalytic, trait and humanistic. These can assist you in understanding who you are and how you manifest your uniqueness in the world. The topics discussed provide the opportunity to navigate psychological explanations of personality using the lens on your own life experience.

Prerequisite: 350-S01-LA

Credits: 2.00

Psychological Development of Criminal Behaviour**350-S09-LA**

(Level II Psychology for Social Science students only)

Are criminals born or made? You get to answer this question and many more in Psychological Development of Criminal Behaviour. The interaction of several environmental and biological factors throughout the lifespan can lead to criminal behaviour. Such risk factors can be classified as developmental, social, and learning. Drugs and mental disorders also have possible impacts on such behaviour. The topics covered allow you to identify and explain such risk factors and their immediate impacts. You also get to discover various strategies to prevent criminal behaviour from occurring or worsening. Ultimately, you apply your knowledge of these topics by analyzing real-life criminal cases.

Prerequisite: 350-S01-LA

Credits: 2.00

Selected Topics in Psychology**350-S10-LA**

(Level II Psychology for Social Science students only)

How does our brain experience emotions? Why are some people always able to find the right words when trying to comfort people? Are collaboration and cooperation the same? You get to answer these questions and many more in Selected Topics in Psychology. Some topics in Psychology are so fascinating that they are worth exploring in greater detail. Using a selected area of Psychology, you get to analyze and interpret recent events and discuss new discoveries in the field. Each topic gives you the chance to dig deeper into the field of Psychology and to further understand your behaviours and mental processes.

Prerequisite: 350-S01-LA

Credits: 2.00

(Level II Psychology for Social Science students only)

How are mentally ill offenders treated in the Canadian Justice system? How is criminal responsibility determined? What role does intoxication play when determining an offender's prison sentence? What is infanticide? You get to answer these and many more questions in Forensic Psychopathology. Cases studies are used to look at legal questions of a psychological nature as well as diagnostics associated with different mental health conditions ranging from schizophrenia to major depression to psychopathy. Other topics include sleepwalking, PTSD and pedophilia. The topics covered allow you to complete a film analysis where you are asked to diagnose the main character.

Prerequisite: 350-S01-LA

Credits: 2.00

Anthropology

Bones, Chimpanzees and Darwin: The Story of Humankind

381-201-LA

(Level II Anthropology for Social Science students only)

This course is an introduction to the biological development of our species: from our prehistoric origins to our present day diversity and future. Special attention is given to Darwin, the Theory of Evolution and the contributions of primatology to understanding our past. The different stages of human evolution from Lucy to Neanderthal man and Cro-Magnon are covered and the relationships between biological development, cultural achievements and environment are examined. Finally, taking into account past physical trends, environmental conditions and technological breakthroughs (genetic engineering), we discuss our biological future.

Prerequisite: 381-101-LA

Credits: 2.00

Early Civilizations: Origin & Development

381-202-LA

(Level II Anthropology for Social Science students only)

This course investigates the origins of human behaviour and its development, up to and including the emergence of the earliest civilizations of the ancient world. We trace our cultural development from the making of the first tools, the discovery of fire, the beginnings of religion, art, social stratification to the invention of agriculture, law and warfare and the emergence of the first cities and civilization. Early centers of civilization in the Middle East, Africa, Europe, India, Asia and the Americas are examined as well as other mysteries from our past...the Nazca lines, Easter Island, Stonehenge, etc. The methods and techniques of modern archaeology are also presented.

Prerequisite: 381-101-LA

Credits: 2.00

Cultures of the World: Diversity and Development

381-203-LA

(Level II Anthropology for Social Science students only)

This course explores the diversity of modern day human cultures and the concept of "development" within a global context. Industrial societies like our own are compared with the nonindustrial majority of the world: hunter gatherers, tribal herders, gardeners and peasant farmers. Emphasis is placed on the variety of tools, techniques we use to get food, shelter, clothing, etc. from diverse natural environments; how we structure work, trade and use of resources into very different economies; how we structure our social relations and educate our children within very different forms of family, kinship and marriage; the variety of ways in which we communicate through our languages and arts; the various means by which we determine our leaders, maintain law and order and make war; and finally, the diverse magical, religious and scientific attempts we make at explaining our lives.

Prerequisite: 381-101-LA

Credits: 2.00

The Myth of Race & the Reality of Racism

381-204-LA

(Level II Anthropology for Social Science and Law and Civilization students only)

This course will introduce students to the concepts of "race" and racism from the perspective of biological and cultural anthropology. The first part of the course focuses on the distribution of human biological variation and compares this variation to contemporary ideas about "race". The second part traces the historical development of the concept of "race" and the role that slavery, colonialism, science and the media have played in the dissemination of this concept. Students will also be introduced to the concept of white privilege. The third part of the course will explore the present-day reality of racism through case studies from various countries, with a focus on Canada and the United States. Special attention will also be paid to the effects of racism on children and adolescents.

Prerequisite: 381-101-LA

Credits: 2.00

An Introduction to Forensic Anthropology**381-205-LA**

(Level II Anthropology for Social Science students only)

This course is an introduction to forensic anthropology, a subdiscipline of biological anthropology concerned with the identification of human remains for legal purposes. Forensic anthropologists assist medical examiners, coroners and law enforcement agencies in the recovery, interpretation, and identification of decomposed or fragmented human remains. This course reviews the historic development of the field and the techniques used in forensic anthropology to determine age, skeletal sex, and physical characteristics of an individual from their skeletal remains. Students will also be introduced to methods used for estimating time since death, determining cause of death and positive identification. Case studies will be used to illustrate the application of specific field and laboratory techniques. This course is organized in weekly lectures and lab assignments.

Prerequisite: 381-101-LA

Credits: 2.00

Introduction to Anthropology**381-S01-LA**

(Level I Anthropology for Social Science)

Have you ever considered what truly makes us human? Have you ever wondered why humans think and act in such varied ways across the world? Tracing our human origins and development, explore our past and present as cultural and biological beings and learn about the unique anthropological approach to the study of humanity. Learn about the practical use of the different fields of anthropology (archaeology, biological, linguistic and cultural) by using case studies and experiential activities that may include fossil and artifact analysis, field observations and museum visits.

Credits: 2.00

Childhood and Youth Across Cultures**381-S02-LA**

(Level II Anthropology for Social Science students only)

Is there a “universal” or “natural” way to raise a child? Do you experience childhood and adolescence differently if you are raised in another culture? What impact has globalization, migration and conflict had on the lives of young people? Explore the great variety of cultural practices related to raising children and the ways in which young people negotiate a sense of identity and belonging as you challenge your own perceptions of what is good for children.

Prerequisite: 381-S01-LA

Credits: 2.00

Apes, Fossils and Human Evolution**381-S03-LA**

(Level II Anthropology for Social Science students only)

Where do humans come from? Did we emerge on earth in our present form? Are we related to apes? Is evolution controversial? Explore theories and evidence from anthropological studies that paint a picture of our past and provide insights into our future. Specifically, examine the different stages and facets of human evolution, looking at culture, biological development, environmental conditions and technology.

Prerequisite: 381-S01-LA

Credits: 2.00

Forensic Anthropology: Crime Scene Investigation**381-S04-LA**

(Level II Anthropology for Social Science students only)

Forensic anthropology is concerned with the identification of human remains for legal purposes. Forensic anthropologists assist medical examiners, coroners and law enforcement agencies in the recovery, interpretation and identification of human skeletons resulting from unexplained deaths. Using bone replicas, students determine the cause and manner of death as well as the age, skeletal sex, and physical characteristics of an individual. Students further investigate and recover human bones through their participation in a simulated outdoor crime scene investigation.

Prerequisite: 381-S01-LA

Credits: 2.00

Monsters, Aliens and Fraud in Archaeology **381-S05-LA**

(Level II Anthropology for Social Science students only)

The internet is filled with stories claiming the construction of great archaeological wonders such as the Egyptian pyramids or Stonehenge could have only involved the intervention of aliens, time travellers or divinities. Other narratives assert the existence of still undocumented civilizations like the Atlantis or human-like species such as the Bigfoot. In the age of conspiracy theories, these pseudo-archaeological theories resonate with a broad audience. What evidence supports these theories, if any? What do they reveal about the motivations of people who propose and support them? To address these questions, students engage with the scientific method, critical thinking and the evidence used by archaeologists to reconstruct the past.

Prerequisite: 381-S01-LA

Credits: 2.00

Archaeology of Early Civilizations **381-S06-LA**

(Level II Anthropology for Social Science students only)

Today, most human groups are integrated into large, complex and unequal societies under the rule of powerful state governments. For most of our history however, humans lived in small, mobile and relatively egalitarian collectivities. Explore how and why some early human societies underwent this change. Through case studies from the earliest civilizations in the Middle East (Sumer and Egypt), India/Pakistan (Harappa), China (Shang Dynasty), South America (Mochica) and Central America (Maya), learn about archaeological methods and theories. Understanding the development of pristine civilizations further enables you to appreciate the operations of modern societies.

Prerequisite: 381-S01-LA

Credits: 2.00

Anthropology of Race and Racism **381-S07-LA**

(Level II Anthropology for Social Science and Law and Civilization students only)

Is race real or not? Is it a cultural, political or biological concept? Explore these fundamental questions as you learn about the origins and consequences of racism, and the many ways it shapes societies. Far from a “thing of the past” racism today impacts the lives of various racialized and Indigenous groups in both subtle and explicit ways. Through reflection and class discussions, challenge yourself and each other to gain a more accurate understanding of human physical and cultural diversity, and racial inequality.

Prerequisite: 381-S01-LA

Credits: 2.00

Contemporary Indigenous Cultures **381-S08-LA**

(Level II Anthropology for Social Science students only)

Indigenous cultures both in Canada and elsewhere have gone through a similar colonization process, yet many maintain their own cultures and languages. Explore how Indigenous Peoples have resisted colonization, focusing on their relationship to the natural environment and with animals and plants. Examine how their food production methods, such as hunting, fishing, and planting, are used today to achieve food security and a healthy and spiritual lifestyle, contrasting with mainstream food production and food processing. Teaching methods may include a visit to Kahnawake, as well as guest speakers and workshops.

Prerequisite: 381-S01-LA

Credits: 2.00

Selected Topics in Anthropology **381-S09-LA**

(Level II Anthropology for Social Science students only)

As the study of humanity, anthropology is a broad field with so much to discover. Selected Topics in Anthropology offers current and specialized themes to satisfy your curiosity about what it means to be human. Courses with different topics, such as rituals and spirituality, kinship and family, health and illness, media and technology are offered on a rotating basis.

Prerequisite: 381-S01-LA

Credits: 2.00

Introduction to Anthropology (Criminology Specific)**381-S10-LA**

(Level I Anthropology for Criminology students only)

This version of the course is geared specifically to students in the Criminology Profile of Social Science. Have you ever considered what truly makes us human? Have you ever wondered why humans think and act in such varied ways across the world? Tracing our human origins and development, explore our past and present as cultural and biological beings and learn about the unique anthropological approach to the study of humanity. Learn about the practical use of the different fields of anthropology (archaeology, biological, linguistic and cultural) by using case studies and experiential activities that may include fossil and artifact analysis, field observations and museum visits.

Credits: 2.00

Economics

Microeconomics

383-201-LA

(Level II Economics for Social Science students only)

The purpose of this course is to familiarize the student with the principles and tools of microeconomic analysis. Topics include: the supply and demand model, government interventions in markets, economic welfare, externalities, public goods & common resources, the costs of production, the theory of the firm and market structures, income inequality, and the economics of discrimination.

Prerequisite: 383-920-LA

Credits: 2.00

International Economics

383-202-LA

(Level II Economics for Social Science students only)

This course is concerned with all economic activities involving passage across a national frontier. Among the topics to be studied are: the mechanisms of foreign exchange rates, the balance of international payments, international trade and the theory of comparative advantage. Also covered are: the economics of tariff and current international economic affairs, including free trade between Canada and the United States, foreign ownership, and the control of the Canadian economy.

Prerequisite: 383-920-RE

Credits: 2.00

Money and Banking

383-203-LA

(Level II Economics for Social Science students only)

This course covers the development of money and banking, with emphasis on Canada. The following topics are studied: functions and characteristics of money, money supply, inflation, Canadian Capital Market, the money and bond markets, financial intermediaries, chartered banks and how they create money, the Bank of Canada and its functions, international monetary systems.

Prerequisite: 383-920-RE

Credits: 2.00

Economics of Sport

383-901-LA

(Economics for Sport Marketing students only)

This course is about the application of microeconomic theories and models in the sports industry. Topics include demand in sports, market power, costs and revenue structures of sports franchises, league expansion and team relocation, the history of rival leagues, competitive balance (revenue sharing, the reverse order draft, luxury taxes, and salary caps), the value of talent and player salaries, discrimination in sports, and the analysis of college sports.

Credits: 2.00

Introduction to Economics I

383-920-RE

(Level I Economics for Social Science students only)

The purpose of this course is to familiarize the student with the principles and tools of macroeconomic (global) analysis. The topics to be treated include: inflation, unemployment, money and banking, taxation, government spending, exchange rates, business cycles, national income, international trade and economic growth.

Credits: 2.00

Economics and e-Commerce

383-E01-LA

(Economics for Entrepreneurship students only)

This course uses theoretical models and studies of old economy industries to help understand the growth and future of electronic commerce. It begins with an overview of basic economic concepts like scarcity and demand and supply before discussing the relevant topics from industrial organization including monopoly pricing, price discrimination, product differentiation, barriers to entry, network externalities, and search and first-mover advantages. A big part of the course will be an examination of several e-industries. In this section, extensions, and applications of the ideas from the first part of the course will be discussed, drawing analogies to previous technological revolutions, and read current case studies.

Credits: 2.66

<p>Introduction to Economics</p> <p>(Level I Economics for Social Science students only)</p> <p>Learn the principles and tools of macroeconomic analysis and apply them to understand real world economic events and policies. Topics include: economics systems, economic incentives, macroeconomic indicators (such as inflation, unemployment, and gross domestic product), business cycles, economic growth, fiscal and monetary policies, and the aggregate demand and aggregate supply model.</p>	<p>383-S01-LA</p> <p>Credits: 2.00</p>
<p>Microeconomics</p> <p>(Level II Economics for Social Science students only)</p> <p>Learn the principles and tools of microeconomic analyses used in decision-making by consumers, businesses and governments. Topics include: Cost-benefit and marginal analyses, the supply and demand model of price setting, elasticities, economic welfare, market efficiency versus government interventions in markets, externalities, public goods and common resources, the costs of production, the theory of the firm and market structures, income and wealth inequality, and the economics of discrimination.</p> <p>Prerequisite: 383-S01-LA</p>	<p>383-S02-LA</p> <p>Credits: 2.00</p>
<p>International Economics</p> <p>(Level II Economics for Social Science students only)</p> <p>Investigate economic activities involving passage across a national frontier. Topics include: international trade organizations and agreements, the mechanisms of foreign exchange rates, the balance of international payments, international trade and the theory of comparative advantage, tariffs, current international economic affairs, free trade between Canada and the United States, foreign ownership, and the control of the Canadian economy.</p> <p>Prerequisite: 383-S01-LA</p>	<p>383-S03-LA</p> <p>Credits: 2.00</p>
<p>Law and the Underground Economy</p> <p>(Level II Economics for Social Science students only)</p> <p>Understand the economic underpinnings of domestic- and cross-border hidden markets for legal (undeclared) and illegal goods, services and assets. Discover the interplay of local and global economic and political forces and legal loopholes that keep these markets alive and growing. Topics include economic and political causes and consequences of various underground markets, demand and supply, loopholes in laws and regulations, markets for sex, drugs, human trafficking, weapons, tax evasions, international money laundering mechanisms, kleptocracy & policy illusion, and law enforcement vs. moral suasion as regulators of conduct.</p> <p>Prerequisite: 383-S01-LA</p>	<p>383-S04-LA</p> <p>Credits: 2.00</p>
<p>Economics of Sports</p> <p>(Level II Political Science for Social Science students only)</p> <p>Apply microeconomic theories and models in the sports industry. Topics include demand and supply in sports, elasticities, market power, costs and revenue structures, profits, league expansion and team relocation, competitive balance (revenue sharing, the reverse order draft, luxury taxes, and salary caps), government funds sports (Sport Canada), game theory in sports, the value of talent and player salaries, discrimination in sports, and the analysis of college sports.</p> <p>Prerequisite: 385-S01-LA</p>	<p>383-S05-LA</p> <p>Credits: 2.00</p>

Money Skills and Consumer Economics**383-S06-LA**

(Level II Economics for Social Science students only)

Are you aware that fifty-four percent of Canadian college students graduate indebted, with an average student loan of \$28,000 (National Graduate Survey, 2018)? Did you know that household debt-to-disposable income is 180% and rising (OECD, 2022)? Equip yourself with practical knowledge and skills to tackle the financial challenges you may face during your college life and beyond. Topics include: personal financial planning and budgeting, interest compounding, the perils & opportunity costs of debt, vehicle loans vs. leases, loans and mortgage calculators, buying a home versus renting, buying single-family home versus rental property, tools for saving and investment and their tax implications; investing and speculating, and an overview of asset markets and general implications of fiscal-and monetary policies on those assets.

Prerequisite: 383-S01-LA

Credits: 2.00

Economics of Social Activism**383-S07-LA**

(Level II Economics for Social Science students only)

Learn about the salient social and economic issues that people locally and around the world protest about today. Whether you are an advocate of a cleaner environment, a more equitable distribution of income, poverty reduction, or the rights of marginalized groups, we equip the aspiring activist with the economic toolkits to support a variety of causes. Guest speakers are invited and trips to actual protests, when ideal and safe, are features of the course. Meet like-minded individuals and engage in intellectual exchanges with students of opposing views and learn about the models used by economists to help solve some of the world's problems.

Prerequisite: 383-S01-LA

Credits: 2.00

Investment Strategies for Uncertain Economies**383-S08-LA**

(Level II Economics for Social Science students only)

Learn how to create diversified investment portfolios based on long-term macro level predictions and simple fundamental analyses. Discover the interrelations among seemingly unrelated global forces that affect the values of assets, pension funds and savings. Topics include: (1) speculation and investment; an overview of assets and asset-classes including stocks, bonds, energy, real estate, and crypto assets (2) effects of changing geopolitics, technology, demographics, and climate policies as well as monetary- and fiscal policies on asset values; (3) collective psychology, narrative economics, and asset markets boom-bust cycles; (4) Debt, demography and their effects on pension systems (5) Effects of reshoring/deglobalization and energy policies on asset markets, (6) Using options to reduce risks or maximize returns.

Prerequisite: 383-S01-LA

Credits: 2.00

Economics of Media and Entertainment**383-S09-LA**

(Level II Economics for Social Science students only)

Would you like to have a greater understanding of the systems behind the media and the entertainment industry? Analyze news and social media as well as the entertainment industries, such as games, gambling, music, film and television from an economic point of view. Develop a clearer understanding of how your favorite media works behind the scenes through topics such as: the choice of leisure versus work, supply and demand, marginal utility of entertainment, public funding, industry structures, discrimination, salaries, fake news, media globalization (such as YouTube and TikTok), elasticities, production costs, revenues and profit, merchandising, royalties, and copyrights.

Prerequisite: 383-S01-LA

Credits: 2.00

Selected Topics in Economics**383-S10-LA**

(Level II Economics for Social Science students only)

Learn and apply the powerful economic-way-of-thinking to understand and explain selected current events, fun social trends, or significant problems faced by humanity. Topics vary across semesters. Possible topics include but are not limited to: economic underpinnings of wars and conflicts, political economic consequences of big government-big tech and big media, digital currency and digital human rights, economics of sex, drugs and human trafficking, money laundering, economic implications of aging population and immigration and the global financial order.

Prerequisite: 383-S01-LA

Credits: 2.00

Political Science

Introduction to Political Science

385-101-LA

(Level I Political Science for Social Science students only)

Politics determines who gets what, when, and how in society. This course focuses on the institutions and processes of political life. It introduces you not only to basic concepts and theories of political science at the local, regional, national, and international levels, but also to current political events and issues. Topics covered include: democratic vs. non-democratic governments; rights and freedoms; political knowledge and political participation; and constitutions, laws, and legal systems.

Credits: 2.00

Canadian and Quebec Politics

385-201-LA

(Level II Political Science for Social Science students only)

This Level II course helps the student develop an understanding and appreciation of his and her own municipal, provincial and federal political systems and how they function. The student will learn to analyse the changes that Canada and Quebec are facing, due both to the external pressure of the global marketplace and to criticisms of the way Canadian federalism works, with special emphasis on the place of Quebec in the federation. It is a course where the student has easy access to the field and could carry out fieldwork. Topics covered in the course: foundations and institutions of parliamentary democracy; the politics of language and Québécois nationalism; intergovernmental relations; the Canadian and Quebec party systems and electoral systems; political culture, interest groups and public opinion; public policy.

Prerequisite: 385-101-LA

Credits: 2.00

Comparative Politics

385-202-LA

(Level II Political Science for Social Science students only)

In our everyday lives, we are often focused on the world immediately around us. We pay little attention to events occurring elsewhere. This Level II course will help you to develop a broader understanding of the politics and cultures of other countries and regions. We will examine the different forms of government, political cultures, ideologies, constitutional frameworks and legal systems, government institutions, interest groups, and public policy that exist throughout the world. In order to do so, we will conduct case studies in Africa, Asia, Europe, Latin America, the Middle East, and North America.

Prerequisite: 385-101-LA

Credits: 2.00

International Politics

385-203-LA

(Level II Political Science for Social Science students only)

Why do wars occur? Why is cooperation so difficult on climate change? Is globalization good or bad? This Level II course helps you to understand how countries interact with each other and with other international actors. It explains how the international world is structured, who participates in international politics, and the institutions that organize it. Topics covered include: international conflict; civil wars and ethnic conflict; weapons of mass destruction; terrorism; the UN and other international organizations; international trade and finance; international development and North-South relations; the environment, and health politics.

Prerequisite: 385-101-LA

Credits: 2.00

Modern Political Ideas**385-204-LA**

(Level II Political Science for Social Science students only)

This Level II course helps the student understand the foundations of modern political thought and its links to political action. The students will learn to identify principal modern political thinkers and their contribution to political thought. They will also learn to compare and analyse basic concepts of politics through the writings of these thinkers. Topics covered in the course: historical foundations of modern political thought; analytical framework for comparing political thinkers; basic concepts of political thought such as state, nation, government, sovereignty, equality, liberty, property, justice, law, etc.; the link between political thought and political ideology; modern political ideologies: conservatism, liberalism, nationalism, socialism, communism, fascism, liberation ideologies and ecology as ideology.

Prerequisite: 385-101-LA

Credits: 2.00

Introduction to Political Science**385-S01-LA**

(Level I Political Science for Social Science students only)

Politics determine who gets what, when, and how in society. Explore the institutions and processes of political life. Learn not only about basic concepts and theories of political science at the local, regional, national, and international levels, but also about current political events and issues. Topics include: democratic vs. nondemocratic governments; rights and freedoms; political knowledge and political participation; and constitutions, laws, and legal systems.

Credits: 2.00

World Politics**385-S02-LA**

(Level II Political Science for Social Science students only)

Why do countries go to war? Why is international cooperation so difficult to achieve, particularly on issues like climate change? What are the effects of globalization on health, inequality, society, and the global economy? What is international law and how does it function? World Politics is the study of conflict and cooperation in the world. Students are first introduced to the key concepts and theories of international relations. They then explore how these theories help explain conflict, crisis, and war; international organizations; international law; trade, finance, and development; global health; and environmental and climate politics.

Prerequisite: 385-S01-LA

Credits: 2.00

Democracy and Dictatorship**385-S03-LA**

(Level II Political Science for Social Science students only)

Why are some countries democratic, while others remain authoritarian? Why do ethnic conflicts and civil wars emerge in some countries, but not in others? Why do some countries experience rapid economic growth, while others struggle to develop? To help answer these questions, students learn the theories and concepts of Comparative Politics, focusing on differences in political institutions, political culture and values, economic systems and resources, and historical experiences. Students then apply these theories to examine real-world problems and puzzles in countries around the world.

Prerequisite: 385-S01-LA

Credits: 2.00

Fundamentals of Law**385-S04-LA**

(Level II Political Science for Social Science students only)

Why do we have the laws that we have? How are laws created? Who participates in the legal system? What are the different branches of the law? Understanding the legal system, as well as your rights and responsibilities under the law, is important for all members of the Canadian community. Think critically about the role and function of law within Canadian and Quebec society. Explore the development of the Canadian legal system; the branches of law, including criminal, constitutional, family, and international; different legal traditions; and the role of Parliament, judges, and lawyers in the law.

Prerequisite: 385-S01-LA

Credits: 2.00

Media and Entertainment in Politics**385-S05-LA**

(Level II Political Science for Social Science students only)

What role does the news media play in shaping public opinions? Does social media affect public division, and does it support or undermine democracy? What can we learn about politics from entertainment media? The media has a tremendous effect on our political landscape. Students are introduced to the different media effects on politics. They then explore how different media technologies can shape political interactions, affect the spread of ideas, amplify or diminish conflict, and be used by democratic and non-democratic governments alike. Students also explore the role of entertainment media in shaping and critiquing political discourse.

Prerequisite: 385-S01-LA

Credits: 2.00

War Games: Simulating Military Strategy**385-S06-LA**

(Level II Political Science for Social Science students only)

Strategic Studies deals with the use of military power by governments and non-governmental actors to serve political ends. Students are introduced to the concepts and theories of strategic studies, including strategy and tactics; the use of land, sea, and air power; the use of nuclear weapons; escalation and de-escalation of war; and terrorism. They gain practical experience in applying these theories and concepts through a variety of interactive simulations and case studies. Students also explore the effects of military strategy games, first-person shooter games, and role-playing games on perceptions of the military and politics.

Prerequisite: 385-S01-LA

Credits: 2.00

Sociology

Sociology of Education

387-206-LA

(Level II Sociology for Social Science students only)

Have you ever been bored in class? Who chooses what we learn in school? Have you ever questioned why some students always do well while others seem to struggle? In this course students will use their knowledge of the sociological perspective gained in introductory sociology and expand it to apply to education. We will examine education from different sociological perspectives, and from macro and micro levels. From the macro sociological perspective, we will look at education as an institution, the functions of education, education and social stratification and mobility. From the micro perspective we will analyze teacher/student interaction and the conventions required for creating a school.

Prerequisite: 387-101-LA

Credits: 2.00

Sociology of Deviance, Law and Society

387-208-LA

(Level II Sociology for Social Science and Liberal Arts students only)

This course provides students with an introduction to the study of deviance, crime, and the law. Criminal behaviours will be analyzed from a sociological and criminological perspective. Dimensions of Canadian and international laws will be investigated, while agents of social control within the justice system will be examined. Several topics to be explored include: sexual violence, homicide, organized crime, addiction, and others.

Prerequisite: 387-101-LA

Credits: 2.00

Sociology of Gender, Race and Justice

387-209-LA

(Level II Sociology for Social Science students only)

In this course we will examine the assumption that the legal system treats us all equally. We pride ourselves as Canadians on having created an egalitarian society but is it true that everybody is equal before the law? Do people suffer from discrimination at the hands of the justice and juvenile justice systems? Are criminals, crimes and victims distinguished by gender and race? How do race and gender play a role in the justice we received? Are incarceration rates and sentencing fair? This course looks at the intersection of gender, race and justice in Canada today and in the past. Specific issues to be addressed include the treatment of Aboriginal youth, family violence, crimes against women, racial profiling and the idea of restorative justice.

Prerequisite: 387-101-LA

Credits: 2.00

Sociology of Families

387-N31-LA

(Sociology for Nursing students only)

The family has often been referred to as the foundational social institution of a society. As such, it plays a crucial role in shaping individual beliefs, attitudes and behaviors, such as those related to health and illness as well as the entire health care services. The family can also be considered as the mirror of social inequalities and social change, as well as the stronghold of cultural and social values. Ultimately, all these dimensions have an impact on the nurse/patient relationship and on nursing practice in general. This course will provide future nurses with background knowledge, which will allow them to situate the various family structures within the larger context of society, as well as the interaction between culture and community. Future nurses will also gain abilities that will help them interact with patients from diverse social and cultural origins.

Credits: 2.00

Sociology of Health**387-N61-LA**

(Sociology for Nursing students only)

The focus of this course is on health as a social issue, as well as a biological issue. This course describes and analyses social structures and cultural standards of healthcare in our society, principal actors and their interactions within health care settings, as well as the socio-cultural factors that influence health and illness. The course also examines the social dimensions of health and illness in conjunction with population variables such as age, sex and social class, as well as various workplace related problems.

Credits: 2.00

Introduction to Sociology**387-S01-LA**

(Level I Sociology for Social Science and Law and Civilization students only)

Explore the inner workings of human behaviour by understanding the social world around us through the discipline of Sociology. Dive into the infinite universe of your sociological imagination and master, in depth, how people are socialized as they navigate the flowing waters of culture and society that surround them. Jump off the deep end and discover how a perfect storm of social forces causes issues such as prejudice, discrimination, social inequality and among others, shape our identity as individuals.

Credits: 2.00

Sociology of Crime, Law, and Society**387-S02-LA**

(Level II Sociology for Social Science and Law and Civilization students only)

Be your own judge and jury! Dive into gripping cases of homicide and organized crime among others. Broaden your knowledge of crime by capturing the key agents of the Canadian criminal justice system through sociological and criminological perspectives. Take the law into your own hands and discover the true definition of crime, how the wheels of justice turn in our criminal justice system, and the implications on society. Explore the entire court structure and discover the interaction between law and social change. Rub shoulders with guest speakers in the field of crime and justice and discuss current trends in the legal world with these professionals. Turn yourself in to the world of crime.

Prerequisite: 387-S01-LA or 387-S12-LA. No prerequisite for Law and Civilization students.

Credits: 2.00

Gender, Race, and Justice**387-S03-LA**

(Level II Sociology for Social Science students only)

There is an assumption that the Canadian legal system treats us all equally - but is it true? Do people suffer from discrimination at the hands of the justice and juvenile justice systems? How do race and gender play a role in the justice we receive? Are incarceration rates and sentencing fair? Investigating issues such as the treatment of Indigenous youth, family violence, crimes against women, racial profiling, and the practice of restorative justice, we evaluate Canada's justice system and how it intersects with gender and race.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Sociology of Education: The Good, the Bad, and the Ugly**387-S04-LA**

(Level II Sociology for Social Science students only)

Have you ever been bored in class? Who chooses what we learn in school? Using a sociological lens, learn about the goals of the education system in Canada with a focus on Quebec. Discover how our current education system has been shaped by and reflects the ongoing struggles between oppositional political powers throughout Canada's history. Explore how school is a vehicle for the socialization of productive future citizens and uncover the impacts of various social inequalities on educational outcomes. Finally, evaluate whether higher education truly provides the promised opportunity for social mobility for all.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Sociology of the Body: Distortions and Ideals**387-S05-LA**

(Level II Sociology for Social Science students only)

What do steroid use, fad dieting, and anti-aging cosmetic surgeries have in common? They show the complex relationship individuals have with their bodies. The human body is more than a set of organs, bones, and muscles. It is a site where we witness the values, norms, and expectations of a society. Bodies can be celebrated, ridiculed, hidden, or exposed. From delusions to ideals, it is important to examine critically the relationship between the body and the larger social structures that can impact our self-image, our treatment by others, and our life outcomes in society.

Prerequisite: 387-S01-LA

Credits: 2.00

Sociology of Relationships**387-S06-LA**

(Level II Sociology for Social Science students only)

Every day we interact with others and each of these interactions are shaped and defined by the type of relationship we share. Sociology of Relationships invites you to explore how our assumptions about these interactions are shaped by the society around us. Dive into a deeper understanding of how our ideas about relationships with intimate partners, family, friends, acquaintances and even pets are molded by social expectations.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

What's Making Us Sick? Sociology of Illness and Well-Being**387-S07-LA**

(Level II Sociology for Social Science students only)

Have you ever wondered why some people do all the right things to stay healthy and still get sick? Or why others do all the wrong things and do not? Health is as much a social issue as a biological one. Our ideas about what it takes to stay healthy are challenged through an examination of the social determinants of health. This sociological approach to health puts the spotlight on the impacts of culture, social structure, and social status to help you re-examine your beliefs about what really creates the conditions for illness or well-being.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Sociology of Addiction**387-S08-LA**

(Level II Sociology for Social Science students only)

Dive into the universe of substance use disorder (SUD), interpreting how the social environment plays a role in drug use and addiction, as well as the collective responses made available to address these public health issues. Prepare to dissect the meaning of addiction by examining social, historical, and cultural forces of drug culture and subcultures, while exploring pathways of responses to drug addiction. Discover how addiction takes root from the forces of our society, and must be understood as a social issue, rather than an individual problem.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Dynamics of Prejudice, Activism, and Resilience**387-S09-LA**

(Level II Sociology for Social Science students only)

Social diversity is a major identity of Canadian society. Unmask the existing patterns of inequality prevalent in a multicultural country and question the possibility of true meritocracy. Through prejudice, by virtue of gender, class, and ethnicity among others, we become pawns in a social ranking system. Uncover the impact of social stratification and discover how social activism can challenge the status quo to offer potential solutions in the face of social inequalities, while revealing the presence of resilience in society.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Sex, Gender and Society**387-S10-LA**

(Level II Sociology for Social Science students only)

Examine how your individual identity is shaped by sex, gender, and sexuality. Learn how something so personal can be so social. Travel through the fascinating social dimensions of time and space on a mission to explore how these concepts have been and continue to be shaped, modeled, and manipulated by individuals and institutions in society. This journey reveals how history, laws and culture shape our beliefs about our biology, and even mold our very identity. Discover how certain social institutions and individuals possess a greater power to boldly control and define the sexual agenda of a society.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Selected Topics in Sociology**387-S11-LA**

(Level II Sociology for Social Science students only)

This is a selected topics course addressing current debates within sociology. Topics may be of a general nature, covering debates and new directions in the discipline as a whole, or more specific to sub-areas within the discipline. It will cover emerging issues or specialized content not represented in our main curriculum. Topics may change from semester to semester based on faculty and student interest or the specific needs of a Social Science profile.

Prerequisite: 387-S01-LA or 387-S12-LA

Credits: 2.00

Introduction to Sociology (Criminology Specific)**387-S12-LA**

(Level I Sociology for Criminology students only)

This version of the course is geared specifically to students in the Criminology Profile of Social Science. Explore the inner workings of human behaviour by understanding the social world around us through the discipline of Sociology. Dive into the infinite universe of your sociological imagination and master, in depth, how people are socialized as they navigate the flowing waters of culture and society that surround them. Jump off the deep end and discover how a perfect storm of social forces causes issues such as prejudice, discrimination, social inequality and among others, shape our identity as individuals.

Credits: 2.00

Administrative Techniques

Marketing

401-201-LA

(Level II Business Administration for Social Science students only)

This course will explore the influence of marketing on the consumer decision-making process. A combination of lectures and case studies will include the study of consumer behavior, market research, product policy, pricing, advertising and distribution, including global and internet channels and e-commerce. The student will develop the knowledge necessary to analyse marketing situations using appropriate concepts and theories and be able to apply marketing concepts to respond to real-world case studies. Students will also gain some familiarity with marketing on the web using current software.

Prerequisite: 401-101-LA

Credits: 2.00

Commercial Law

401-203-LA

(Level II Business Administration for Social Science students only)

This in-depth course provides the student with an understanding of the business environment from the legal point of view. The basic legal structure in Quebec and the various laws which affect individuals and business enterprises will be studied; both laws and court decisions will be examined. While the accent is on business situations, students considering further studies in law at the university level many also find this course of interest.

Prerequisite: 401-101-LA

Credits: 2.00

Introduction to Accounting

401-206-LA

(Level II Business Administration for Social Science students only)

This introductory course covers the transactional recording of cash receipts and cash payments, banking procedures, the handling of the general ledger and the preparation of financial statements. Students will learn how to apply the basic principles of accounting to practical situations and will develop the technical ability to record, summarize, report and interpret financial data. The major topics to be covered include: the functions of accounting in a business setting; recording business transactions; the adjusting process; completing the accounting cycle and end of period accounting procedures; accounting for a merchandising concern; information systems, and ethical issues in accounting.

Prerequisite: 401-101-LA

Credits: 2.00

Introduction to Business

401-S01-LA

Explore terminology, concepts, and current business practices in the field of business using timely, realworld case studies and examples. Establish a viable business vocabulary, engage in critical and analytical thinking, and develop your business decision-making skills. Specific functions of business such as marketing, finance, human resources, management, production of both goods and services and IT for business are introduced, giving students a general understanding of how business functions.

Credits: 2.00

Introduction to Marketing

401-S02-LA

Examine the influence of marketing on the consumer decision-making process. Through a combination of lectures and case studies, we investigate the fascinating world of consumer behavior, market research, product policy, pricing, advertising and distribution, including global and internet channels and e-commerce. Develop the knowledge necessary to analyze marketing situations using appropriate concepts and theories and apply marketing concepts to respond to real-world case studies. Students also become familiar with online marketing using current software.

Prerequisite: 401-S01-LA

Credits: 2.00

<p>Introduction to Commercial Law</p> <p>Develop an understanding of the business environment from a legal point of view. Study the basic legal structure in Quebec and the various laws which affect individuals and business enterprises; with both laws and court decisions examined. While the accent is on business situations, students considering studies in law at the university find this course of interest.</p> <p>Prerequisite: 401-S01-LA</p>	<p>401-S03-LA</p> <p>Credits: 2.00</p>
<p>Introduction to Accounting</p> <p>Explore the field of accounting, covering the process of recording, analyzing, classifying, summarizing, and communicating accounting information. Learn to interpret and formulate financial information for use in management decision making, including transactional recording of cash receipts and cash payments, banking procedures, the handling of the general ledger and the preparation of financial statements. Further topics include: the functions of accounting in a business setting; recording business transactions; the adjusting process; completing the accounting cycle and end of period accounting procedures; accounting for a merchandising concern; information systems, and ethical issues in accounting.</p> <p>Prerequisite: 401-S01-LA</p>	<p>401-S04-LA</p> <p>Credits: 2.00</p>
<p>Introduction to Entrepreneurship</p> <p>Individuals who start businesses from the ground up are entrepreneurs. Learn the fundamental principles, best practices and methodologies for creating and scaling an entrepreneurial venture. Begin with an exploration of what an entrepreneur is and the entrepreneurial mindset. Next, join a team of students with common interests to walk through the venture creation process, culminating in a pitch to your teacher assuming the role of an angel investor.</p> <p>Prerequisite: 401-S01-LA</p>	<p>401-S05-LA</p> <p>Credits: 2.00</p>
<p>Intro to Sport Management</p> <p>(Business Administration for Sport Marketing students only)</p> <p>This is an introductory course in Sport Management. A broad range of topics related to the structures and operations of sports businesses and organizations in Canadian society and in the global environment will be introduced. Specific functions of these organizations such as marketing, finance, human resources management and production of both goods and services will be presented, giving a general understanding if what is required to work in sport management. Upon successful completion of the course, students should be able to understand the work functions associated with management of various sport enterprises in the context of Canadian business including professional and participatory sport organizations, to describe career opportunities available in sports and recreation management, including possibilities for self-employment, understand the fundamentals of economics, accounting, marketing and public relations, facility and event management in sport business, and be familiar with the international aspect of sport business related to professional and Olympic sport and sport tourism.</p>	<p>410-101-LA</p> <p>Credits: 2.00</p>
<p>Introduction to Marketing</p> <p>(Business Administration for Sport Marketing students only)</p> <p>This course is designed to introduce students to marketing concepts and principles. The course focuses on the relationship between organizations and the ultimate consumer, expressed through the marketing mix. Essentially, studies are concentrated on the nature and behaviour of supplying organizations, nature and behaviour of the ultimate consumer and the various marketing mix elements (product, price, place, promotion) which are used by organizations to satisfy needs and wants of consumers. While the course has a theoretical base, practical application of the concepts of marketing to 'real world' situations - particularly in a sport context - is an essential part of the course. Students will be taught that effective marketing enhances an organization's overall success.</p>	<p>410-102-LA</p> <p>Credits: 2.00</p>

Introduction to Accounting **410-201-LA**

(Business Administration for Sport Marketing students only)

This course provides an introduction to the basic accounting principles and practices as used in a double-entry system using industry-standard accounting software. Emphasis is placed on analyzing and recording of business transactions and preparation of financial statements as well as understanding the complete accounting cycle.

Credits: 2.33

Consumer Behaviour **410-202-LA**

(Business Administration for Sport Marketing and Entrepreneurship students only)

This course presents the study of consumer behaviour with the intent of allowing students to be able to choose appropriate media and messages for promoting products and services and develop appropriate market-ing strategies for both B2B (“business to business”) seller-buyer and B2C (“business to consumer”) relationships. It addresses consumer behaviour from both a managerial and consumer perspective. Students learn about how consumers make routine and complex decisions; what cognitive and experiential processes are involved in these decisions; how behaviour is affected by the individual consumer’s personal characteristics, culture and reference groups; and the implications of consumer behaviour for marketing strategy.

Prerequisite: 410-102-LA or 410-E14-LA

Credits: 1.66

Presentation Techniques for Marketers **410-203-LA**

(Business Administration for Sport Marketing students only)

In this course, students learn how to pitch an account, deal with clients in a retail environment, set up a sales space to present a product or service, provide customer support, and or address a room full of people. The emphasis is on improving the student’s presentation presence and skills and developing them into confident, successful speakers. The course covers: body language; speech patterns; “canned” vs. “impromptu” style; the art of answering questions; interacting with the media; developing and delivering a presentation; and using visual aids for sales.

Credits: 1.66

Financial Management in Sport **410-301-LA**

(Business Administration for Sport Marketing students only)

Students will analyse the relationship between finance and the sport industry. They will review the basics of finance and relate them to sport organizations. Important current financial issues will be discussed in relation to public and private sector funding, fundraising for sport organizations, professional sport, collegiate athletics, and major events such as the Olympics. The financial and economic aspects of sport facility construction will also be discussed.

Prerequisite: 410-201-LA

Credits: 1.66

Legal Issues in Sport **410-302-LA**

(Business Administration for Sport Marketing students only)

Students will familiarize themselves with the legislative foundations of sport and the legal issues in sport management. Topics include: the Court system, sports agents, sport contracts, negligence and liability, sports crimes, drugs and sports, labor issues, intellectual property matters in sport including trademarks, copyright and patent factors, international issues and the Olympic movement. Appropriate Court cases will be examined in the course.

Credits: 2.00

Sport Marketing **410-303-LA**

(Business Administration for Sport Marketing students only)

Students will study the manner in which marketing concepts and strategies are applied to the sport industry. Developing marketing plans and programs for companies and organizations in the sport industry is an integral part of this course. The specific nature of sports industry marketing such as: pro and amateur sports, profit and non-profit organizations, sport sponsorships, sports equipment firms, licensing/merchandising and the commercial media’s crucial relationship with sports will all be examined in this course.

Credits: 2.00

<p>Sport Marketing Research</p> <p>(Business Administration for Sport Marketing students only)</p> <p>Market research is the way we learn about consumers and it is the activity that allows marketing actions to be tailored to consumer needs and characteristics. Because the ability to plan, conduct and interpret marketing research is a critical skill in sport marketing, this course will emphasize research as an aid to management decision making. Students will learn how to develop, execute and interpret market research. A class project includes field research in a sport-related domain. Topics include: research design, qualitative and quantitative techniques, questionnaire design, research trends, and measurement instruments.</p>	<p>410-401-LA</p> <p>Credits: 2.33</p>
<p>Retailing in Sport</p> <p>(Business Administration for Sport Marketing students only)</p> <p>Retailing in Sport explains the buying and merchandising process at the retail level. This course examines the role of retailing and techniques for buying for different types of stores. Planning and managing the merchandise assortment to include inventory management, merchandise flow, assortment planning and use of the computer in merchandising are also introduced. The intent of this course is to give the student a broad overview of the role of merchandising at the retail level while discussing the many dimensions of the buyer's job.</p>	<p>410-402-LA</p> <p>Credits: 1.66</p>
<p>Delivering Quality Customer Service</p> <p>(Business Administration for Sport Marketing students only)</p> <p>Companies communicate with their customers on a routine basis through customer service contacts dealing with a range of issues from information requests to handling a customer problem. Students will be introduced to the concept of quality service and its importance to building and maintaining company or brand image.</p>	<p>410-404-LA</p> <p>Credits: 1.66</p>
<p>Sales Force Training and Management</p> <p>(Business Administration for Sport Marketing students only)</p> <p>The main emphasis of this course is to present the selling function as a process which requires careful planning and execution. Students will be introduced to the various sequential steps or phases involved in personal selling as well as methods for improving the effectiveness and efficiency of each of these selling phases. A sales role - playing exercise will be executed by the students to give them experience in selling an actual product and negotiating a sales contract. They will showcase their selling skills in both an oral and written presentation. In addition students will be introduced to basic principles of sales management such as selecting or hiring a sales force, training/coaching sales representatives, motivating the sales force and measuring sales force productivity.</p>	<p>410-501-LA</p> <p>Credits: 2.33</p>
<p>Career Planning</p> <p>(Business Administration for Sport Marketing students only)</p> <p>This partially web-based course has two goals. First, it will assist students in discovering how their abilities, interests, personality and values determine their life-work plan. Students will develop an understanding of their career goals and develop a plan for achieving those goals. Second, it will provide students with the knowledge, skills and attitudes to market themselves to an employer and to effectively gain rewarding employment using career connections. It will prepare students to conduct an effective job search in light of today's challenging job market.</p> <p>Prerequisite: Completion of all program-specific courses from semesters 1 to 4 or permission from the Department Coordinator.</p>	<p>410-502-LA</p> <p>Credits: 1.66</p>

Project Management: Sport Product Launch or Facility Management **410-503-LA**

(Business Administration for Sport Marketing students only)

This course introduces students to project management. Students will learn the processes, techniques and methods to organize, plan, direct and control a project in order to achieve an agreed outcome on time and on budget. Students will plan the launch of a sport product or manage a sport facility or event. This will require students to involve both their “hard” skills, such as the ability to create Gantt charts, and “soft” skills, such as the ability to manage inter-group politics and conflict. To facilitate the final project, students will be introduced to sports and recreation facilities and their standard operational procedures, including elements of the management process with respect to facility design, personnel management, marketing and feasibility.

Credits: 2.00

Media Relations in Sports **410-504-LA**

(Business Administration for Sport Marketing students only)

This course provides the student with an understanding of media relations and its importance to sport marketing. Emphasis is placed on the particular promotional techniques used in developing and managing an effective sports media relations program. Students will learn how to write press releases, develop media guides or kits, develop and manage special events designed for media coverage like awards banquets and press conferences, manage the media interview process and game day press-box operations. In addition, students will be able to combine these learned promotional techniques with their skills in desktop publishing towards the development of promotional materials required in a sport media relations program.

Credits: 1.66

Sport Advertising **410-505-LA**

(Business Administration for Sport Marketing students only)

This course explores the use of advertising by a variety of sports organizations and businesses to achieve their communication goals. The main focus of this course is toward students understanding the process (es) involved in developing effective advertising campaigns. As such, students will plan and develop, as well as present, advertising campaign plans for a sports product or service. Students will be introduced to advertising, planning components such as advertising research, setting advertising objectives, creative strategy development, media planning and campaign monitoring. Other promotional issues such as merchandising, licensing and sponsorships will also be examined in relation to their importance in achieving communication objectives.

Credits: 1.66

Field Work in Sport or Independent Study in Sport **410-506-LA**

(Business Administration for Sport Marketing students only)

Students will be required to complete field work or an independent study in a sport-related organization in a management or marketing capacity and will be evaluated on their performance. Alternatively, students may opt to do an independent research study on a current topic in sport management and marketing, subject to the permission and stipulations of their supervisor.

Credits: 1.66

Global Marketing **410-601-LA**

(Business Administration for Sport Marketing students only)

Successful consumer marketing in today’s competitive world requires an understanding of the global environment and marketplace and the factors and events that can impact on it. In this practical overview, the effects of the rapidly changing international scene on consumer marketing and new product introduction will be discussed. Students will focus on how to identify international market opportunities and select/develop/exploit business opportunities. Topics include global planning, global competition, country- and regional-specific marketing, introducing a new product or launching an existing product into new markets, and designing and implementing international marketing strategies.

Credits: 1.66

The Entrepreneurial/Innovative Mindset **410-E13-LA**

(Concentration course for Entrepreneurship students only)

This course has two purposes: 1) to learn from the successes of other entrepreneurs and, 2) to learn how to think innovatively. Knowing that entrepreneurs are all different, the course aims to study the experiences and mind-sets of 10 well-known entrepreneurs from a variety of different fields so students can learn from the ex-periences of others and so that they can be inspired in their own entrepreneurial adventures. The course will also coach students on how to think more creatively. Skype will be used to connect remotely with guest entrepreneurs.

Credits: 2.00

Introduction to Entrepreneurial Marketing **410-E14-LA**

(Concentration course for Entrepreneurship students only)

Business success is based on meeting customer needs. Start-ups and emerging companies use entre-preneurial marketing to help establish themselves in existing and emerging industries. Different from traditional marketing, entrepreneurial marketing puts the focus on innovation, risk taking, and being proactive. Entrepreneurial marketing campaigns try to highlight the company's greatest strengths while emphasizing their value to the customer in order to stand out from competitors and establish a presence. This course begins with an overview of traditional marketing before switching focus from marketing relevant to entrepreneur. Topics covered are the marketing envi-ronment, strategic planning, market segmentation, product development, pricing, distribution, promotion, consumer decision making, control, marketing management, international reach with marketing and e-marketing.

Credits: 2.00

Business Communications for Entrepreneurs **410-E22-LA**

(Concentration course for Entrepreneurship students only)

To run successful organizations, entrepreneurs need to develop and enhance their business communication skills to communicate with business investors, employees and customers effectively. This course provides the essential principals and techniques of clear, concise, and effective business communications with emphasis on client presentations. Students learn to structure presentations in ways that match the message to the audience; customize elevator speeches; and learn about generally accepted workplace guidelines for online communications. Key goals of this course include preparing students to become more comfortable in front of an audience, and to learn how to communicate clearly and effectively with clients in both the verbal and written forms.

Credits: 1.66

Consumer Behaviour for Entrepreneurs **410-E23-LA**

(Concentration course for Entrepreneurship students only)

Through the study of consumer behaviour, entrepreneurs are able to understand their consumers better, and thus be able to implement more effective marketing and sales strategies, targeting each consumer more effectively. This course addresses consumer behaviour from both a managerial and consumer perspective. Students learn about how consumers make routine and complex decisions; what cognitive and experiential processes are involved in these decisions; how behaviour is affected by the individual consumer's personal characteristics, culture and reference groups; and the impact of digital marketing on buying behaviour.

Prerequisite: 410-E14-LA

Credits: 1.66

Finance for Entrepreneurs **410-E31-LA**

(Concentration course for Entrepreneurship students only)

This course focuses on the financial implications of project and business planning, and the relevant financial matters required to manage a project/business. The course provides the essentials any owner should have when considering proposing projects and assessing its financial viability and impact on the business.

Prerequisites: 410-E42-LA

Credits: 1.66

Legal Issues for SMBs and Entrepreneurs**410-E32-LA**

(Concentration course for Entrepreneurship students only)

The goal of this course is to familiarize students with the legislative foundations of doing business and with the special issues specific to entrepreneurship and to running a successful SMB (“small- or medium-sized business”). Lecture topics include:

- Negligence and liability
- Risk management
- Procedural fairness in decision-making
- Discrimination
- Intellectual property (copyright, trademark and patents)
- Contract and employment law
- Competition law
- Labour law/labour code
- Ethical issues when using social media
- Disagreements between business partners
- Closing your business
- Protection of intellectual property

Credits: 2.00

Fundamentals of Direct Selling**410-E33-LA**

(Concentration course for Entrepreneurship students only)

This course teaches the sales process from prospecting to after sales service. Students are taught the importance of developing a sales plan, how to marry the benefits to customers’ needs and open the door to targeted, and customer-aware promotion. Students come to understand the role of personal selling in marketing and in society, as well as its application.

Prerequisites: 410-E14-LA

Credits: 1.66

Small Business Accounting**410-E42-LA**

(Concentration course for Entrepreneurship students only)

Many new ventures fail because they do not know their financial situation. This process starts with understanding the importance of maintaining accurate financial business records. In this course, practical accounting designed to teach you how to keep the books of a small company (and how to manage transactions and finances for the business) are taught using QuickBooks.

Credits: 2.33

Assessing & Managing Risk**410-E43-LA**

(Concentration course for Entrepreneurship students only)

Feasibility is the process by which entrepreneurs assess and manage risk. Feasibility is a combination of first taking an idea and turning it into a concept. That concept is then tested to assess the market risks, the distribution risks, the perceived value of the benefits and finally the financial risks. Students will be actively researching, testing and crafting a comprehensive feasibility plan based upon an initial business concept of your choosing. Consequently, students are required to undertake a significant amount of work outside of class.

Prerequisites: 201-901-LA

Credits: 1.66

Digital Marketing**410-E44-LA**

(Concentration course for Entrepreneurship students only)

This course is designed to provide an overview of strategies, techniques, and tools across social media, mobile marketing, e-mail marketing, online analytics, and search engine marketing to fully leverage the Internet for achieving the business goals of acquiring, converting, and retaining online customers. Learn how to integrate new tactics and strategies with traditional marketing including website best practices; marketing through social media: blogs, podcasts, wikis, video; mobile marketing; building online traffic; understanding web analytics and behavioural measurement; and understanding metrics that determine success as well as how to use digital marketing to reach international markets.

Prerequisites: 410-E14-LA

Credits: 2.00

Marketing Research for Entrepreneurs **410-E45-LA**

(Concentration course for Entrepreneurship students only)

This course provides the student with the skills and tools needed to understand and evaluate marketing research. Marketing research involves developing research questions, collecting data, analyzing it and drawing inference, with a view to making better marketing decisions. To this end, the course is organized into two basic parts: (1) Data Collection and Research Design, and (2) Tools and Applications of Market Research. Marketing research is vital in the assessment of new business opportunities, go/no-go decisions for new products, pricing and product design issues, among other business issues. This is a hands-on course in which bring-your-own-device (BYOD) is encouraged.

Prerequisites: 201-901-LA

Credits: 2.00

Purchasing & Inventory for Startups **410-E53-LA**

(Concentration course for Entrepreneurship students only)

This course introduces students to purchasing and supply management as it applies to start-ups. In general usage, the term purchasing describes the process of buying: learning of a need, locating and selecting a supplier, negotiating a price and other pertinent terms, and following up to ensure delivery. Inventory refers to the planning, organizing, motivating, and controlling of all those activities principally concerned with the flow of materials into an organization. Essentially, it tells you as an owner how much stock you have at any one time, and how you keep track of it. This course will look inventory control of stock at every stage of the production process, from purchase and delivery to using and re-ordering the stock with the goal of ensuring that a start-up has the right amount of stock in the right place at the right time and that capital is not tied up unnecessarily.

Credits: 1.66

Negotiation Skills for Entrepreneurs **410-E54-LA**

(Concentration course for Entrepreneurship students only)

This course is designed to provide students with the skills necessary to turn disputes into deals, deals into better deals and to resolve intractable problems. Students will learn to turn conflict toward collaboration. Taught in an active learning environment, students will work in group of peers – participating in discussions and simulations that cover a range of complex scenarios ranging the entrepreneur’s typical face.

Credits: 2.00

Business Plan Laboratory **410-E55-LA**

(Concentration course for Entrepreneurship students only)

This is a highly interactive course wherein students work within a network of like-minded students to build the major components of a business plan, ideally for the concept that the student will be developing in the Incubator 1 course and emerge with your first draft in hand.

Credits: 2.00

Incubator 1: Idea/Innovation Phase **410-E56-LA**

(Concentration course for Entrepreneurship students only)

This is a highly interactive course wherein students work within a network of their peers as they explore the possibility of carrying through on the development of a product or service. The concept is validated by their peers and the by the instructor. The purpose is to facilitate the development of a project for the student with the support of peers and professors. The student will be pushed to recognize opportunities and shape them into business concepts that have a chance to thrive. They will be encouraged to look largely at developing a new product or service, but may also consider either developing a new or underserved market for an existing product or service, or developing new channels to market for an existing product or service. This course is run concurrently with 410-E55-LA (Business Plan Laboratory) to allow for the creation of a draft business plan.

Credits: 1.00

Franchising/Taking Over a Family Business**410-E57-LA**

(Concentration course for Entrepreneurship students only)

This course examines both franchising and family business in two parts as well as another part where franchises are also family owned. A franchise is an agreement or license between two parties giving a person or group (the franchisee) the right to market a product or service using the trademark or trade name of another (the franchisor). Families have built successful businesses around the franchising model, as both franchisors and franchisees. For the franchising part of the course topics include the nature and operation of franchising as a business model; regulations that affect franchising; the commercial realities of the franchise relationship; and trends in franchising. For the family business part of the course, topics include the risks and challenges regarding finances, legal issues, and marketing of a family-owned business.

Credits: 1.66

Integrated Marketing Communications**410-E58-LA**

(Concentration course for Entrepreneurship students only)

Integrated Marketing Communications (IMC) involves coordinating the organization's promotional mix (communication elements - advertising, sales promotions, personal selling, public relations (PR) & direct/online marketing) so that they work together to convey a consistent company & brand message. Topics include an overview of integrated marketing communications; an understanding and description of the various components of the communications mix including social media; and the implementation of an integrated communications plan.

Credits: 2.33

Human Resources Management for Startups**410-E61-LA**

(Concentration course for Entrepreneurship students only)

This course gives the student an understanding of how to attract, motivate, compensate and retain the best people for a start-up. Critical contemporary issues of Human Resources such as wellbeing and equality and diversity in the workplace, and workplace environments that are virtual are examined as well as all traditional functions of human resources management that a typical start-up would encounter.

Credits: 1.66

Social & Sustainable Entrepreneurship**410-E63-LA**

(Concentration course for Entrepreneurship students only)

Social entrepreneurs are committed to furthering a social mission and improving society. Increasingly, stakeholders of companies (including the consumers who buy the products or services) are challenging enterprises to deliver a positive impact on the community. Sustainable entrepreneurship as the process of recognising, developing and exploiting entrepreneurial opportunities that create economic, ecological, and social value. In this course, students are taught how to be social entrepreneurs who practice sustainable entrepreneurship.

Credits: 1.66

Incubator 2: Planning Phase**410-E64-LA**

(Concentration course for Entrepreneurship students only)

This is a follow-up course to Incubator 1. In this course, students take the idea or concept that they found in the first course and perform a feasibility analysis and assessment of it prior to creating a business plan. Students will be focused on the analysis of their idea, concentrating on the details of their business proposal. After conducting secondary market research, students will do primary market research by talking directly to stakeholders of all kinds – from potential customers to future team members – about their business concept. Their final business plan (which addresses details) will be analysed by their peers and instructor.

Prerequisites: 410-E56-LA**Credits: 1.00**

<p>Incubator 3: Launch Phase/Externship</p> <p>(Concentration course for Entrepreneurship students only)</p> <p>This is a follow-up course to Incubator 2. In this course, students engage in the business launch phase: they marshal the resources they need to launch their business. Students may work in tandem with classmates or, in the case of a concept involving an existing business, with the business owner of that existing business. For students who do not intend to launch their own concept after graduation, they have the option of working for a small- to medium-size business that is currently in the launch phase of a new product/service or of the company. This course is equivalent to a workstudy.</p> <p>Corequisite: 410-E64-LA</p>	<p>410-E65-LA</p> <p>Credits: 3.66</p>
<p>Personal Branding for Entrepreneurs</p> <p>(Concentration course for Entrepreneurship students only)</p> <p>This course introduces the personal branding concept and helps students learn how to successfully promote the most important brand of all: themselves. The course provides students with the knowledge, skills and attitudes to market themselves either to an employer to gain rewarding employment or to clients to help promote product / services. Topics include key concepts of personal branding; social media and personal branding; tools and techniques for career management and for on-going personal brand maintenance.</p> <p>Prerequisite: Completion of all program-specific courses from semesters 1 to 4 or permission from the Department Coordinator</p>	<p>410-E66-LA</p> <p>Credits: 1.66</p>
<p>Doing Business in Québec</p> <p>(Concentration course for Entrepreneurship students only)</p> <p>The distinct culture, language and legal system present unique opportunities and challenges for doing business in Quebec. This course provides an overview of the laws, practices, and regulations that affect doing business in Quebec.</p>	<p>410-E67-LA</p> <p>Credits: 1.66</p>
<p>Communications marketing intégrées</p> <p>(Cours de concentration réservé aux élèves en entrepreneuriat)</p> <p>La communication marketing intégrée (CMI) consiste à coordonner le mix promotionnel de l'organisation (éléments de communication - publicité, promotions des ventes, vente personnelle, relations publiques (RP) et marketing direct/en ligne) afin qu'ils fonctionnent ensemble pour transmettre un message cohérent sur l'entreprise et la marque. Les sujets abordés comprennent une vue d'ensemble de la communication marketing intégrée, une compréhension et une description des différentes composantes du mix de communication, y compris les médias sociaux, et la mise en œuvre d'un plan de communication intégré.</p>	<p>410-ECM-LA</p> <p>Credits: 2.33</p>
<p>Gestion des ressources humaines pour les start-ups</p> <p>(Cours de concentration réservé aux élèves en entrepreneuriat)</p> <p>Ce cours permet aux élèves de comprendre comment attirer, motiver, rémunérer et retenir les meilleurs éléments pour une entreprise en phase de démarrage. Les questions contemporaines essentielles des ressources humaines, telles que le bien-être, l'égalité et la diversité sur le lieu de travail et les environnements de travail virtuels, sont examinées, ainsi que toutes les fonctions traditionnelles de la gestion des ressources humaines auxquelles une start-up typique est confrontée.</p>	<p>410-EGR-LA</p> <p>Credits: 1.66</p>

Planification de carrière	410-FPC-LA
<i>(Administration des affaires pour les élèves en marketing sportif uniquement)</i>	
Ce cours partiellement dispensé en ligne a deux objectifs. Premièrement, il aidera les élèves à découvrir comment leurs aptitudes, leurs intérêts, leur personnalité et leurs valeurs déterminent leur plan de travail pour la vie. Les élèves comprendront leurs objectifs de carrière et élaboreront un plan pour les atteindre. Deuxièmement, il fournira aux élèves les connaissances, les compétences et les attitudes nécessaires pour se présenter à un employeur et pour obtenir efficacement un emploi gratifiant en utilisant les relations professionnelles. Il préparera les élèves à mener une recherche d'emploi efficace à la lumière des défis du marché du travail d'aujourd'hui.	
Prérequis : Avoir suivi tous les cours spécifiques au programme des sessions 1 à 4 ou avoir obtenu l'autorisation du coordinateur du département.	
	Credits: 1.66

Fundamentals of Business and Entrepreneurship for IT Professionals	410-N31-LA
<i>(Concentration course for Computer Science students only)</i>	
This course is designed to introduce the students to the understanding of business activities in the real world, including becoming an entrepreneur. The student will examine the main functions found within a business enterprise. This will include an overview of marketing, finance, human resources and production. An appreciation of how each function relates to the success of the overall organization is the key component. The student will enrich his/her business vocabulary and develop a better understanding of the external environment affecting any business organization. It has two goals: (1) to teach students sufficiently about business fundamentals so that they are better able to create applications and solutions that are appropriate to a business setting; (2) to inform student coders of entrepreneurship as a viable outcome of the program.	
Prerequisite: 420-N25-LA	
	Credits: 1.66

Questions juridiques dans le sport	410-QJS-LA
<i>(Administration des affaires pour les élèves en marketing sportif uniquement)</i>	
Les élèves se familiariseront avec les fondements législatifs du sport et les questions juridiques liées à la gestion du sport. Les sujets abordés comprennent : le système judiciaire, les agents sportifs, les contrats sportifs, la négligence et la responsabilité, les crimes sportifs, les drogues et le sport, les questions de travail, les questions de propriété intellectuelle dans le sport, y compris les marques, les droits d'auteur et les facteurs de brevet, les questions internationales et le mouvement olympique. Des affaires judiciaires appropriées seront examinées dans le cadre du cours.	
	Credits: 2.00

Social Media as a Business Tool	410-SMM-LA
<i>(Concentration course for Entrepreneurship students only)</i>	
This is a BYOD (bring your own "smart" device) course. Whether it's Facebook, Twitter, LinkedIn, Instagram, Google+, or YouTube, the business world's adoption of social media has caused changes in the way that we conduct business. This hands-on course will explore the use of social networking from a business perspective. The focus will be on learning to use social media as a business tool to establish and maintain an appropriate online presence. Ethical considerations when using social media will also be discussed.	
	Credits: 2.66

Web Page Design for Marketing and Sales	410-WPG-LA
<i>(Concentration course for Sports Marketing and Entrepreneurship students only)</i>	
This course provides the student with the fundamentals of how to plan, design, and launch a complete Web site with creative interfaces, strong graphic images, and functional site organization as a sales space for products and/or services. Using software such as Adobe Dreamweaver, you will construct a web site that can be used to impact marketing and sales. The emphasis will be on treating the Web as a form of visual communication rather than on the programming, although technical issues will be sufficiently covered. A major component of the course is the completion of a substantial website which will be evaluated, in part, for its ability to clearly and efficiently communicate to the target audience.	
Prerequisites: 412-901-LA	
	Credits: 1.66

Graphic Communication

Web Page Design for Marketing and Sales

412-902-LA

(Concentration course for Sports Marketing and Entrepreneurship students only)

This course provides the student with the fundamentals of how to plan, design, and launch a complete Web site with creative interfaces, strong graphic images, and functional site organization as a sales space for products and/or services. Using software such as Adobe Dreamweaver, you will construct a web site that can be used to impact marketing and sales. The emphasis will be on treating the Web as a form of visual communication rather than on the programming, although technical issues will be sufficiently covered. A major component of the course is the completion of a substantial website which will be evaluated, in part, for its ability to clearly and efficiently communicate to the target audience.

Prerequisites: 412-901-LA

Credits: 1.66

Social Media as a Business Tool

412-E21-LA

(Concentration course for Entrepreneurship students only)

This is a BYOD (bring your own “smart” device) course. Whether it’s Facebook, Twitter, LinkedIn, Instagram, Google+, or YouTube, the business world’s adoption of social media has caused changes in the way that we conduct business. This hands-on course will explore the use of social networking from a business perspective. The focus will be on learning to use social media as a business tool to establish and maintain an appropriate online presence. Ethical considerations when using social media will also be discussed.

Credits: 2.66

Computer Science

Introduction to Programming

420-201-RE

(Concentration course for Computer Science and Mathematics only)

This introductory course teaches students to program using the Java programming language. It addresses techniques fundamental to the programming process. Through the development of algorithms, students will analyze problems, devise solutions, and implement corresponding programming solutions. Key concepts of Object-Oriented Programming (OOP) will also be covered.

Credits: 2.66

Data Structures and Object oriented Programming

420-202-RE

(Concentration course for Computer Science and Mathematics only)

This is a course tailored to equip students with foundational and advanced programming concepts. Beginning with manipulating data values using arrays, learners will explore implementing and understanding various sorting and searching algorithms. Emphasis is placed on object-oriented principles like inheritance, composition, and polymorphism to foster the design of robust and reusable classes. A significant component of the course is dedicated to different data structures, empowering students to discern and select the most fitting structure for diverse data manipulation tasks. Java's exception-handling mechanism is introduced, ensuring students can build fault-tolerant programs. Furthermore, the course delves into the concept of recursion, challenging students to design efficient recursive algorithms. Overall, the course seamlessly blends data structuring techniques with object-oriented paradigms to cultivate adept and proficient programmers.

Prerequisite: 420-201-RE

Credits: 2.66

Program Development in a Graphical Environment

420-203-RE

(Concentration course for Computer Science and Mathematics only)

Students will explore Java to design and develop graphical user interfaces within an object-oriented framework. The course will incorporate the use of program libraries, inner classes, and generics. Java technologies will enable the creation of robust client applications that are fast, secure, and easily portable. Notably, many of these technologies come standard with Java SE. Throughout the course, students will utilize an IDE and its integrated GUI builder, streamlining the process of building desktop applications.

Prerequisite: 420-202-RE

Credits: 2.66

Integrative Project in Computer Science and Mathematics

420-204-RE

(Concentration course for Computer Science and Mathematics only)

In this project-based course, students will showcase their comprehensive understanding from the Computer Science and Mathematics Program. Collaborating with teammates, they will: a) Develop a software application that simulates scientific processes acquired from their mathematical and science courses, and b) Effectively communicate the outcomes.

Prerequisite: 420-203-RE

Credits: 2.66

Computing/IT Fundamentals**420-N11-LA**

(Concentration course for Computer Science students only)

This course offers an immersive introduction to computer systems and their applications. Beginning with an overview of computers, the course dives deep into computer hardware and the intricacies of the Windows operating system. Students will gain proficiency in navigating the web and understand the foundational role of operating systems and utility programs. Key applications such as Word, Excel, and PowerPoint are covered extensively, enabling students to create, edit, and enhance documents, spreadsheets, and presentations with advanced features. The course also introduces Excel functions like VLOOKUP, Concatenate, and IF Function, along with advanced topics such as macros and VBA coding. A focus on the Internet, computer security, privacy, and the significance of social media ensures students are well-versed in contemporary digital communications. Practical tests and quizzes solidify understanding, and the exploration of Command Line Interface (CLI) offers a foundational understanding of computer commands.

Credits: 1.33

Object Oriented Programming with Java 1**420-N12-LA**

(Concentration course for Computer Science students only)

This course provides a comprehensive introduction to computer programming, focusing on the pivotal concept of Object-Oriented Programming (OOP), using the Java programming language. OOP is a programming paradigm that uses 'objects' and 'classes' for organizing code and is crucial in today's software development domain. It includes essential programming concepts like variables, primitive data types, operators, and keyboard input, then progresses to defining and using classes and objects, UML diagrams, writing methods, constructors, and understanding aggregation. Other key topics covered are decision structures, loop structures, file input/output, handling exceptions, static classes, method overloading, and array manipulation. The final project allows students to apply their knowledge, solidifying the understanding and skills developed throughout the course. Ideal for beginners looking to master the fundamentals of OOP using Java.

Credits: 3.00

User Experience/Web Interface Design**420-N13-LA**

(Concentration course for Computer Science students only)

This course, offers a comprehensive overview of the essential elements needed to create engaging and user-friendly web interfaces. It begins with an introduction to the Internet and World Wide Web, followed by the basics of HTML, the cornerstone of web development. The course then delves into configuring colour and text with CSS, working with visual elements and graphics, and understanding web design principles and page layouts. Students will also learn about optimizing web pages for mobile devices, creating tables and forms, and implementing multimedia and interactivity. The course also covers web promotion strategies and introduces Bootstrap, a popular framework for developing responsive and mobile-first websites. Finally, students will apply their knowledge and skills in a final project, creating a complete and functional web interface. Ideal for those seeking to master the skills required to design user-friendly and engaging web interfaces.

Credits: 2.00

Configuring, Managing and Maintaining Computers**420-N21-LA**

(Concentration course for Computer Science students only)

This is a comprehensive course designed to immerse students in the world of computer hardware, software, and system management. The course begins with a holistic introduction to all computer components, delving into the intricacies of hardware and system elements like power supplies, motherboards, processors, and memory. Students will gain hands-on experience with peripheral devices, storage solutions, and understand the nuances of printing configurations and maintenance. Mobile device management, including laptops and other portable devices, introduces students to component familiarity and power optimization. Emphasis is laid on system implementation, covering Windows installations and post-installation processes. Additionally, students will master file management on Windows, explore performance monitoring tools, and delve into robust security measures, from malware protection to authentication and VPN usage. The course culminates with capstone projects, providing hands-on experience in building, troubleshooting, and configuring systems. The responsibilities of a PC technician, including safety, maintenance, and troubleshooting, are also covered, preparing students for real-world challenges.

Prerequisite: 420-N11-LA**Credits: 1.66**

Object Oriented Programming with Java 2**420-N22-LA**

(Concentration course for Computer Science students only)

This course is an advanced course designed to deepen students' understanding of Java programming and object-oriented concepts. It begins with a review of fundamental topics covered in Java 1, such as classes, objects, methods, decision structures, loops, and one-dimensional arrays. The course then progresses to advanced topics like ArrayList classes, two-dimensional arrays, inner classes, and aggregation. Key object-oriented principles like inheritance and polymorphism, abstract classes and methods, and interfaces are thoroughly explored. Functional interfaces and lambda expressions are also covered. Students will learn about exception handling, advanced file I/O, collections (lists, stacks, queues), and creating GUI applications with JavaFX. The course also introduces unit testing with JUnit, database programming with JDBC, and version control with Git and GitHub. The course culminates with a project that allows students to apply their knowledge and skills to a real-world problem. Ideal for those looking to master advanced Java programming concepts and techniques.

Prerequisite: 420-N12-LA

Credits: 3.00

Operating Systems using Linux**420-N23-LA**

(Concentration course for Computer Science students only)

This course offers an in-depth exploration of operating system fundamentals with a primary focus on the versatile Linux environment. This course introduces students to the core concepts of operating systems, emphasizing Linux's uniqueness, software licensing, and user interfaces. Delving deeper, learners will comprehend pivotal OS components such as the Kernel, task scheduling, memory management, and IO processes. The course showcases a spectrum of OS types, including cloud-centric systems. Students gain hands-on experience in OS installation, employing SSH, mastering file navigation via the console, and effectively managing file systems. Archiving, privilege elevation, shell intricacies, and package management form crucial practical aspects of the curriculum. The course also addresses advanced topics like disk configuration, system backups, network management, and Samba-based file sharing. Essential scripting, user/group management, and stringent Linux-based security practices round out the course, ensuring students are well-equipped to navigate and optimize any Linux operating system environment.

Prerequisite: 420-N11-LA

Credits: 2.00

Web Programming and JS Libraries**420-N24-LA**

(Concentration course for Computer Science students only)

"Web Programming with JavaScript Libraries" provides an immersive journey into the dynamic realm of web development, emphasizing the power of JavaScript and its associated libraries. The course initiates with a foundational understanding of the distinctions between client-side and server-side scripting. This sets the stage for a more profound exploration into JavaScript's core concepts. Students will grasp basic JavaScript instructions, delve into the intricacies of functions, methods, and objects, and navigate decision-making constructs and loops. The importance of the Document Object Model (DOM) is highlighted, equipping learners with vital skills in DOM queries and manipulations. As the course progresses, attendees are introduced to React, a leading JavaScript library, delving into JSX, component creation, conditional rendering, and state management using hooks. The course culminates in a hands-on project, allowing students to apply and showcase their newfound web programming expertise.

Prerequisite: 420-N12-LA and 420-N13-LA

Credits: 2.00

Project Management with Quantitative Methods**420-N25-LA**

(Concentration course for Computer Science students only)

This course provides a comprehensive overview of project management, equipping students with essential tools to deliver projects on time and within budget. Core principles addressed include project initiation, definition, work breakdown structures, scheduling through Gantt charts and network diagrams, risk management, budgeting, resource control, quality assurance, auditing, and project closure. A notable aspect of this course is the emphasis on using statistics to navigate uncertainties in project planning. Students explore statistical methods to enhance the planning process and ensure project quality, encompassing the creation of tables and graphs, using descriptive measures such as means and medians, explaining relationships between variables, utilizing sampling, and interpreting statistical results.

Prerequisite: 201-N11-LA

Credits: 1.66

Database Design with an Introduction to SQL**420-N31-LA**

(Concentration course for Computer Science students only)

This course dives deep into the intricacies of database systems, offering a hands-on approach to understanding and implementing effective database design. Beginning with foundational concepts like data models and the relational database model, students gain practical experience using tools like ACCESS and VISIO. The course places a strong emphasis on Entity Relationship (ER) Modelling and normalization, ensuring robust and efficient database designs. As students progress, they'll delve into SQL, exploring its capabilities from basic data retrieval to advanced data manipulation and transaction control. Joining multiple tables, understanding various types of joins, and harnessing built-in functions for numerical, string, and date types are covered extensively. The course also ventures into procedural SQL, introducing functions, stored procedures, and triggers. Rounding off the curriculum, students get an introduction to NoSQL databases, with a spotlight on MongoDB, equipping them with a holistic understanding of modern database technologies.

Prerequisite: 420-N22-LA

Credits: 2.66

Networking and Security**420-N32-LA**

(Concentration course for Computer Science students only)

In this course students embark on a comprehensive journey through the intricate world of computer networks and the crucial importance of security in today's digital age. Beginning with foundational concepts like network components, LANs, topologies, and standards, learners will grasp the dynamics of both peer-to-peer and distributed networks. A deep dive into layers, the TCP-IP model, various media types, and wireless networking ensures a robust understanding of network infrastructure. The course progresses to advanced networking and services, covering protocols like TCP-IP, UDP, DHCP, and more, alongside the workings of web servers, load balancers, and proxy servers. Security takes centre stage in the latter units, introducing students to the landscape of threats, mitigation techniques, cryptography, password protocols, and hashing. The final unit zooms in on network security, shedding light on essential elements like authentication, security architecture, firewalls, and VPNs. Overall, the course aims to provide a holistic view of both networking and the imperative need for security.

Prerequisite: 420-N21-LA and 420-N23-LA

Credits: 2.00

.NET Development**420-N33-LA**

(Concentration course for Computer Science students only)

This course is a comprehensive course that introduces students to the robust world of .NET programming with a focus on C#. Beginning with foundational concepts, the course dives into the .NET Framework, the versatility of Visual Studio, and the nuances of C# syntax, bridging the gap for those transitioning from Java. Students will grasp practical skills, from debugging to file IO, while understanding intricate data types and structures unique to C#. The course further emphasizes Object-Oriented Programming (OOP), discussing objects, interfaces, serialization, and reflection in the .NET context. As students advance, they explore GUI development with WPF, diving into topics like LINQ, events, delegates, and the MVVM design pattern. Lastly, they tackle database integration using ADO.net, explore multiprocessing techniques, and immerse in the best practices of test-driven development (TDD). This course ensures a deep understanding of .NET, priming students for real-world software development.

Prerequisite: 420-N22-LA

Credits: 2.00

Java Web Programming**420-N34-LA**

(Concentration course for Computer Science students only)

This is a comprehensive course designed to equip students with the skills necessary to develop 3-tier web applications using the Java programming language and various associated frameworks and tools. The course starts with an introduction to the Spring framework and Spring Boot Initializer, then progresses to building REST APIs using three-layer pattern, DevTools, Actuator, and securing endpoints. Students will learn about CRUD operations, Data Transfer Object pattern, Repository pattern, JSON basics, and using Postman for API testing. Additionally, the course introduces front-end development using React and TypeScript, covering topics such as React components, event listeners, lists, data handling, forms, modals, and making remote API calls. The course includes an in-class project and culminates with a final project, allowing students to apply the knowledge and skills acquired throughout the course to real-world scenarios. Ideal for those looking to master Java web programming with Spring and front-end development with React.

Prerequisite: 420-N22-LA and 420-N24-LA

Credits: 2.00

Introduction to IoT (Internet of Things) and Embedded Systems**420-N35-LA**

(Concentration course for Computer Science students only)

Introduction to IoT (Internet of Things) and Embedded Systems provides an immersive dive into the rapidly-evolving world of connected devices. This course kicks off with a theoretical foundation of IoT, its design processes, and real-world applications. Venturing into electronics, students receive hands-on kits and become proficient with breadboards, jumper cables, and their intricate wirings. Using the versatile Arduino platform, learners experience real-time programming, controlling LEDs, and managing input/output via the Console. As the course advances, students dive deep into C++ and its object-oriented aspects, crucial for modern embedded systems. They'll also explore the intricate workings of sensors, actuators, and IoT-specific networking, mastering connectivity through technologies like Bluetooth and ESP8266. This holistic course offers both theoretical knowledge and practical skills, equipping students to create, understand, and innovate within the IoT ecosystem.

Prerequisite: 420-N23-LA

Credits: 1.66

Web Development with PHP**420-N41-LA**

(Concentration course for Computer Science students only)

In this course, students gain the expertise to craft dynamic documents utilizing PHP. Emphasizing advanced aspects of PHP web application development, the curriculum delves into topics such as web application security, shopping cart development, authentication, server and file system interaction, image generation, session management, email services, web service calls, and AJAX integration. A key component of the course is mastering the Model-View-Controller design pattern for optimal web application structuring. By the end, students will be adept at creating secure, PHP and MySQL-based e-commerce web applications using framework such as Laravel.

Prerequisite: 420-N34-LA

Credits: 2.00

Systems Analysis and Design**420-N42-LA**

(Concentration course for Computer Science students only)

This course is a foundational course that provides students with the necessary knowledge and skills to analyze, design, and implement information systems. The course begins with an overview of systems analysis and design, followed by techniques for investigating system requirements and identifying user stories and use cases. Students will learn about domain modelling, use case modelling, and the foundations for systems design. Key topics include defining system architecture, designing user interfaces, and database design. Different approaches to system development, project planning, and project management are also covered. The course dives into object-oriented design fundamentals and use case realization. It concludes with strategies for deploying the new system and a project that allows students to apply the concepts and skills learned throughout the course to a real-world problem. Ideal for those seeking to develop the competencies required to analyze, design, and implement information systems effectively.

Prerequisites: 420-N31-LA and 420-N33-LA

Credits: 2.33

Mobile Application Development 1: Android**420-N43-LA**

(Concentration course for Computer Science students only)

This course provides a comprehensive introduction to the dynamic world of Android app development. Starting with the foundational aspects, students will familiarize themselves with Android and its primary development environment, Android Studio. The course takes students on a hands-on journey, encompassing the end-to-end process of crafting, testing, and debugging Android applications. Emphasis is placed on the Model-View-Controller architecture for maintainable code structures. Key elements such as styles, themes, event handling, and Android's unique architecture are dissected. As the course progresses, learners master multi-activity app creation, lifecycle management, data transitions, and device orientation considerations. Touch-based interactivity, including touches, swipes, and custom view creations, is thoroughly explored. The curriculum explores web connectivity, database integrations with platforms like SQLite, Firebase, and AzureSQL, and foundational app security principles. The course culminates in dedicated project work, allowing students to showcase their Android development skills.

Prerequisite: 420-N31-LA and 420-N34-LA

Credits: 2.33

Game Development with the Unity Cross-Platform Game Engine**420-N44-LA**

(Concentration course for Computer Science students only)

This course offers a comprehensive introduction to the world of game design using one of the industry's leading platforms. Starting with a comparative overview of Unity and Unreal Engine, students swiftly transition into mastering Unity's interface and functionalities. This course covers essential topics like asset management, importing/exporting objects, and the vital concepts of game design. Delve into the physics behind gaming, understanding Rigidbodies, Colliders, and advanced physics topics to create realistic gaming experiences. Students will also explore the creative facets of game development, from designing captivating scenes and interfaces to character creation and animation. Scripting, prefabs, and game UI ensure that learners are well-equipped to handle the technical challenges. Advanced modules on audio, ray casting, AI, and networking provide deeper insights. Additionally, the course touches upon the business side of gaming, covering marketing, publishing, and licensing, ensuring a holistic understanding of game development from concept to market.

Prerequisite: 420-N31-LA and 420-N33-LA

Credits: 2.00

Web Services and Distributed Computing**420-N45-LA**

(Concentration course for Computer Science students only)

This course explores the modern paradigms of web services, microservices, and the broader distributed computing landscape. Commencing with an introduction to Spring Boot and its annotations, the course provides hands-on experience with essential tools, such as IntelliJ, Postman, MySQL Workbench, Git, and Docker. It dissects the essence of web services, showcasing their significance in today's digital realm. Through the exploration of architectural patterns like the 3-Tier and Data Transfer Object Design, students gain insights into effective system design. The course subsequently dives deep into the realm of microservices, elucidating their architecture, benefits, and challenges. Distributed computing's core principles are examined, with emphasis on domain-driven design and bounded context. Students will actively design, test, and deploy microservices, harnessing Spring Boot, Docker, and various testing tools. The journey culminates with a detailed focus on persistence in microservices, concluding with project presentations, ensuring students translate theory into practical prowess.

Prerequisite: 420-N32-LA and 420-N33-LA

Credits: 2.00

Database Administration and Security**420-N51-LA**

(Concentration course for Computer Science students only)

This course offers a comprehensive exploration into the robust functionalities of MSSQL Server, emphasizing both its administrative and security capabilities. The course begins by acquainting students with the foundational setups, from the server management studio to table feature intricacies. It then dives deeply into SQL server security, addressing server authentication, role-based configurations, and schema protection against unauthorized changes. Administrative facets like backup models, disaster recovery, and data protection are meticulously addressed, followed by modules on optimizing server performance via index management and data import/export. Students will also grasp advanced automation, monitoring, and organizational tools available in MSSQL, such as server agents, memory configurations, and column store indexes. The curriculum culminates in troubleshooting techniques, performance tuning, and advanced security measures like data encryption. An analytical project presentation offers learners the opportunity to demonstrate their mastery of these concepts in real-world scenarios.

Prerequisite: 420-N32-LA and 420-N33-LA

Credits: 2.33

Mobile Application Development 2: iOS**420-N52-LA**

(Concentration course for Computer Science students only)

This course offers an in-depth journey into iOS development, tailored to mold students into proficient iOS developers. Beginning with an introduction to Swift, the foundational language for iOS, students will then engage with SwiftUI for state-of-the-art UI design. They'll explore functional programming styles and gain mastery over essential UI elements like Image Views, Stack Views, and Grid Views. The curriculum enhances user interactivity through gestures, custom view crafting, and delves into the MVVM design pattern. Students will further immerse in multimedia components, navigation management, closures, and intricate UI effects. Practical exercises include working with APIs, implementing animations, and mastering data storage using User Defaults and Swift Data. The course concludes with individual project presentations, underscoring each student's expertise in iOS app development. Whether refining existing skills or embarking on new iOS ventures, this course provides the foundation to develop exceptional applications.

Prerequisite: 420-N43-LA and 420-N44-LA

Credits: 2.33

Final Project 1**420-N53-LA**

(Concentration course for Computer Science students only)

This course offers an intensive exploration into the practical aspects of software development, focusing on reactive architectures. Students will immerse themselves in reactive programming paradigms and hone testing skills with reactive unit and integration methods. They'll also study modern software development methodologies, with a spotlight on Scrum, and gain proficiency in project management using tools like Jira. Emphasis on version control is addressed using GitHub, and students will grasp the fundamentals of Continuous Integration and Deployment (CI/CD). This course cultivates a thorough understanding of code review practices, authentication, and authorization techniques. Students will design intuitive UI/UX using Figma and gain expertise in securing and deploying systems. Moreover, the course emphasizes client interactions, teaching students to understand, elicit, and transform customer requirements into runnable mockups. This holistic approach prepares students to execute a project from ideation to deployment.

Prerequisite: Completion of all program-specific courses for semesters 1 through 4

Credits: 2.66

Azure for SQL Developers with ASP.NET and MVC**420-N54-LA**

(Concentration course for Computer Science students only)

This course offers a deep dive into building web applications using ASP.NET Core and MVC, with an emphasis on integrating with Azure SQL databases. Beginning with an introduction to ASP.NET Core, students will explore the MVC architecture, understand Razor Pages and its syntax, and delve into the functionalities of page models, tag helpers, and view components. The course emphasizes the design of user-friendly URLs through routing, creating dynamic web forms using Razor, and handling data using Entity Framework Core. Participants will learn how to perform CRUD operations, integrate with Azure SQL databases, and utilize scaffolding to streamline code generation. The course also covers essential security features, teaching students about authentication and managing user roles using Identity. The learning culminates with a project, allowing students to synthesize their skills in creating a comprehensive ASP.NET application integrated with Azure. Ideal for SQL developers looking to enhance their web development capabilities using Azure.

Prerequisite: 420-N31-LA and 420-N45-LA

Credits: 2.33

IoT: Design and Prototyping of Connected Devices**420-N55-LA**

(Concentration course for Computer Science students only)

This course explores the design and creation of interconnected digital ecosystems. Starting with a solid understanding in n-tier application design, students will be introduced to Raspberry-Pi, the adaptable Raspbian OS, Docker, MySQL, and MongoDB. Beginning with essential Python basics, the curriculum advances to detailed studies of Python paradigms specifically crafted for IoT. Participants will navigate the complexities of the Raspberry Pi platform, unlocking its potential with Python-driven GPIO operations. They will also grasp the essence of web services, utilizing Python as both a client and a service, and master RESTful web service connections as well as Spring-based implementations. This journey enhances students' understanding of databases, emphasizing the integration of MySQL with Python for optimal data storage. As students stride towards a secure digital future, they'll be equipped to fortify their IoT projects against potential threats. The course culminates in hands-on project presentations, celebrating their foray into the IoT realm.

Prerequisite: 420-N35-LA

Credits: 1.33

Professional Integration and High-Tech Entrepreneurship **420-N56-LA**

(Concentration course for Computer Science students only)

Understanding that many students in this program harbour entrepreneurial ambitions, this course guides them through the journey of conceiving, establishing, operating, and potentially divesting a business. The aim is to meld theoretical knowledge with the hands-on application of vital entrepreneurial principles. Leveraging classroom discussions, guest lectures, case studies, and individualized business plans tailored to each student's unique interests, the course is designed to sharpen their business acumen. It equips students with the confidence and skills to effectively navigate business or work scenarios to achieve desired outcomes. As a capstone course, it offers students a platform to showcase the knowledge and skills they've amassed throughout their program, transforming fresh ideas into tangible business propositions.

Prerequisite: Completion of all program-specific courses for semesters 1 through 4

Credits: 1.33

Final Project 2 **420-N61-LA**

(Concentration course for Computer Science students only)

In this course, students gain hands-on experience to the execution phase of projects by using the scrum methodology for the implementation, testing and debugging, and deployment (via a CI/CD pipeline) of the customer project they began in Final Project1. They will gain in-depth knowledge of advanced programming concepts including authentication, authorization, and deployment. Students will manage their projects in Jira, a premier project management and tracking platform. At the end of the course, in addition to having completed their web applications, students will have developed a full system document, as well as the customer-focused deployment manual and user manual.

Prerequisite: Completion of all program-specific courses for semesters 1 through 5

Credits: 2.33

Internship (Field Experience) **420-N62-LA**

(Concentration course for Computer Science students only)

This twelve-week work-study program immerses students in a real-world IT environment, acquainting them with a company's specific approach to the industry. Students will not only gain invaluable work experience but also sharpen essential soft skills such as communication, time management, planning, and team collaboration. During these 12 weeks, students are placed with our industry and commerce partners, allowing them to apply the knowledge and skills they've garnered throughout the program while adapting to new challenges.

Prerequisite: Completion of all program-specific courses for semesters 1 through 5

Credits: 6.00

Managing Big Data for Connected Devices **420-N63-LA**

(Concentration course for Computer Science students only)

Big data has become a prominent buzzword in the IT industry. The expansion of digital storage and recording technologies has led to the creation of vast and diverse data sets. These can be harnessed for purposes such as marketing campaigns and much more. This course provides an overview of deriving value using predictive analytics techniques across various data formats, encompassing video, sound, images, and beyond.

Prerequisite: Completion of all program-specific courses for semesters 1 through 5

Credits: 1.66

Comprehensive Assessment (Meeting the Graduate Profile)**420-N64-LA**

(Concentration course for Computer Science students only)

This course guides students in preparing and defending a comprehensive portfolio that serves both as an assessment tool and a testament to their achievements. The portfolio encompasses papers, digital documents, and other evidence showcasing their learning journey. It facilitates the consolidation of varied evidence, providing a holistic view of the student's proficiency in achieving program competencies. As part of the coursework, students will present their portfolios for review and assessment. Evaluations will hinge on their demonstrated mastery of program competencies, exit profile elements, software application development in response to specific challenges, and communication abilities. Specifically, students must showcase their aptitude in articulating thoughts coherently in both written and spoken formats.

Prerequisite: Completion of all program-specific courses for semesters 1 through 5

Credits: 1.33

Introduction to Programming**420-SF1-RE**

This introductory course teaches students to program using the Java programming language. It addresses techniques fundamental to the programming process. Through the development of algorithms, students will analyze problems, devise solutions, and implement corresponding programming solutions. Key concepts of Object-Oriented Programming (OOP) will also be covered.

Credits: 2.66

Data Structures and Object Oriented Programming**420-SF2-RE**

This is a course tailored to equip students with foundational and advanced programming concepts. Beginning with manipulating data values using arrays, learners will explore implementing and understanding various sorting and searching algorithms. Emphasis is placed on object-oriented principles like inheritance, composition, and polymorphism to foster the design of robust and reusable classes. A significant component of the course is dedicated to different data structures, empowering students to discern and select the most fitting structure for diverse data manipulation tasks. Java's exception-handling mechanism is introduced, ensuring students can build fault-tolerant programs. Furthermore, the course delves into the concept of recursion, challenging students to design efficient recursive algorithms. Overall, the course seamlessly blends data structuring techniques with object-oriented paradigms to cultivate adept and proficient programmers.

Prerequisite: 420-SF1-RE

Credits: 2.66

Program Development in a Graphical Environment**420-SF3-RE**

Students will explore Java to design and develop graphical user interfaces within an object-oriented framework. The course will incorporate the use of program libraries, inner classes, and generics. Java technologies will enable the creation of robust client applications that are fast, secure, and easily portable. Notably, many of these technologies come standard with Java SE. Throughout the course, students will utilize an IDE and its integrated GUI builder, streamlining the process of building desktop applications.

Prerequisite: 420-SF2-RE

Credits: 2.66

Integrative Project in Computer Science and Mathematics**420-SF4-RE**

In this project-based course, students will showcase their comprehensive understanding from the Computer Science and Mathematics Program. Collaborating with teammates, they will: a) Develop a software application that simulates scientific processes acquired from their mathematical and science courses, and b) Effectively communicate the outcomes.

Prerequisite: 420-SF3-RE

Credits: 3.00

Introduction to Data Science using Python will introduce students to Python and the world of data science. In this course, students will learn about the basics of programming in Python and applying these skills to analyze data. They will start with the basics of designing an algorithm, fundamentals of programming using Python, an introduction to the various scientific computing ecosystem, and learn the fundamentals of machine learning and artificial intelligence (AI). Examples and other applications will be drawn from a variety of disciplines in the natural sciences.

Credits: 2.00

Culture & Media

The Power of the Image

502-A11-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

We are surrounded, inundated, overwhelmed by images. From art to advertising to Instagram the image is everywhere. In fact image has become its own language replete with nuance, form, story and emotion. This course aims to teach students to critically analyse the function and the aesthetics of the image as it pertains to the fields of culture and communications, and to understand its contemporary meaning and power. In short, this course will teach the student to “write” in the language of Image.

Credits: 2.00

Expression in Visual Genres

502-A21-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

Expression in Visual Genres will explore the power of narrative. Whether it’s an old black and white Hollywood film, a locally produced virtual reality game, or your favourite graphic novel designed abroad, the stories told through these various media share similar impulses and elements. Through the study of genre and narrative structure, this course will look at how artists tell their stories across different visual media. We’ll consider the similarities and distinct differences of these various forms of communication and analyze ways in which these stories and their storytelling could convey an artist’s observations about the world. By the end of the semester, students will be encouraged to envision their own stories to eventually develop into a visual genre of their choice.

Credits: 2.00

Web and FX: From Theory to Practice

502-A22-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

This course, common to both Media profiles, examines evolving media, art apps, and digital effects. This course will encourage students to take a hard look at the ways social media, video games, the Internet, and the expanding world of digital technologies are part of our lives. Through theory and practice, students will learn to make critical judgments about these ever-present screen technologies.

Credits: 2.00

Multi-Media Animation

502-A31-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

Animation is the art of giving soul to inanimate objects through visual and auditory movement. This course will teach students the basic principles of the art of movement as well as a practical understanding of the language used in cinema, composition, and sound. Students will be taught the process of pre-production, production and post-production and will be introduced to various animation techniques including frame-by-frame animation, computer-assisted animation, stop-motion animation and cut-out animation.

Credits: 2.00

Portfolio: Synthesis of Theory and Practice

502-A40-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

The Portfolio: Synthesis of Theory & Practice course brings together critical thinking and artistic techniques acquired throughout the four semesters of the Media program and works in tandem with the Integrative Project Course (510 and 530) wherein students design, plan, and create a final project. In the first few weeks of the course, students prepare their portfolios for university applications. The focus of the course then moves to the completion of the Program Comprehensive Assessment. This final written assignment demonstrates a synthesis of the acquired program competencies and reflects each student's personal and academic aspirations.

Credits: 1.66

Looking Critically and Creatively at Media**502-A42-LA**

(Concentration course for Digital Arts & New Media and Film & New Media students only)

This course, common to both Media profiles, seeks to develop an understanding of creativity and to improve creative problem-solving skills while learning about the nature and techniques of critical thought, viewed as a way to establish a reliable basis for our claims, beliefs, and attitudes about the world. Students participate in activities designed to help develop their own creativity and discuss the creative process from various theoretical perspectives while exploring multiple perspectives, placing established facts, theories, and practices in tension with alternatives to see how things could be otherwise. The emphasis is on the creative process.

Credits: 2.00

Animation multimédia**502-F31-LA**

(Cours de concentration pour les élèves en arts numériques & nouveaux médias et en cinéma & nouveaux médias uniquement)

L'animation est l'art de donner une âme à des objets inanimés par le biais de mouvements visuels et auditifs. Ce cours enseignera aux élèves les principes de base de l'art du mouvement ainsi qu'une compréhension pratique du langage utilisé au cinéma, de la composition et du son. Les élèves apprendront le processus de préproduction, de production et de postproduction et seront initiés à diverses techniques d'animation, notamment l'animation image par image, l'animation assistée par ordinateur, l'animation image par image et l'animation par découpage.

Credits: 2.00

Digital Arts and New Media

Introduction to Visual Creation: Drawing and Observation

510-A10-LA

(Concentration course for Digital Arts & New Media students only)

Visual Creation, Drawing and Observation is a studio course that provides students with the technical foundations of drawing and introduces them to the principles and elements of design. Students learn to represent live models, objects, and sites through drawing, developing the requisite skills and vocabulary. Students study proportion, scale, dimension, and value. They learn the theory and application of techniques of perspective drawing, shading, and composition through a variety of exercises and creative projects.

Credits: 2.33

Introduction to Digital Creation: 2D Imaging

510-A12-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

This course introduces students to digital image making. Students will explore the tools and techniques of 2D-digital software (Photoshop) and become proficient at importing and exporting visual imagery. The organizing principles of art and design will be introduced so students can define the characteristics of image making and gain an understanding of creative concepts. Presented with a range of different assignments, students will be given the opportunity to express their ideas effectively within specific criteria.

Credits: 2.00

2D Design Studio

510-A21-LA

(Concentration course for Digital Arts & New Media students only)

2D Design Studio will build upon the skills acquired in the fall semester course Visual Creation, Drawing and Observation. In this studio course, compositions will be created using drawing mediums, photographic processes, and traditional & digital tools. We will learn how to observe, analyze, manipulate and interpret the principles and elements of design as they pertain to the formal aspects of composition. Students will examine elements of line, space, texture, shape and colour. By the end of this course, you will demonstrate your understanding of the technical and formal language connected to drawing, colour theory and 2D design in your own creative projects.

Credits: 2.00

3D Design Studio

510-A22-LA

(Concentration course for Digital Arts & New Media students only)

3D Design Studio introduces students to the fundamental elements and technical principles of working sculpturally. This course gives students the opportunity to explore different materials and construction methods to create, represent, and reflect on forms in three-dimensional space. The aims of this course include learning the elements and principles of 3D design and the process of generating and relating abstract ideas into real environments. Students will develop an artistic language, practice their technical skills, acquire material knowledge, and participate in cooperative learning.

Credits: 2.00

Art History

510-A31-LA

(Concentration course for Digital Arts & New Media students only)

In this theory course, students learn to describe, research and analyze works of art. The artworks covered include works from Quebec, Canada, and many World cultures. Through the study of art, which includes drawing, paintings, sculpture, architecture and contemporary media, students focus on the way that history, politics, social movements, and personal experience influence the reason and the ways that art is made. By the end of this course each student will complete a research paper based upon on a specific work of art from a collection held within a local Montreal-area Museum.

Credits: 2.00

3D Digital Modelling**510-A32-LA**

(Concentration course for Digital Arts & New Media students only)

This course is an introduction to the basic concepts and techniques of sculptural modelling using 3D digital software. Students will learn to model conceptualized complex worlds using techniques of drawing, photography, digital rendering, structural modelling and animation. A strong emphasis will be placed on the development of each student's personal language.

Credits: 2.00

Making Visual Narratives**510-A33-LA**

(Concentration course for Digital Arts & New Media students only)

Whether expressed through images, objects, or as a sequence of events, stories are integral to human culture and are a powerful method of conveying information, recounting personal experience, and sharing insights about the world. Making Visual Narratives explores different story telling approaches and looks at how stories can be elaborated through visual language. Students will explore ways in which creative process, skills, and affinities influence and generate ideas. They will learn to communicate concepts, voice opinions, or create personal narratives through both digital and traditional practice.

Credits: 2.00

Graduating Integrative Project (Digital Arts)**510-A41-LA**

(Concentration course for Digital Arts & New Media students only)

This fourth semester course connects with the Portfolio class (502-A40) as a synthesis of the students' learning in the Digital Arts and New Media program. Students will direct their acquired conceptual and technical skills towards a graduating portfolio and work towards the planning and creation of artwork for an end of the year exhibition. This is connected to the program comprehensive assessment, which upon successful completion, indicates the acquisition of the competencies in the Digital Arts Profile.

Credits: 2.00

Aesthetics and Art History

Gods, Goddesses and Warriors: Creative Expression

520-111-LA

(Concentration course for Law and Civilization students only)

This course will focus on the analysis of art and artistic achievements from the civilizations that have informed the development of Western cultures. The themes of power and beauty will be examined through pictorial and sculptural representations, architecture, and other primary source documents related to the study of art history and visual culture. The range of periods covered will extend from antiquity to the nineteenth century.

Credits: 2.00

Pictures & Recordings: Technologies of Art and Music

520-311-LA

(Concentration course for Law and Civilization students only)

Throughout time, changing technologies have influenced the production of art. During the nineteenth century the invention of photography and recording technologies inspired a wave of new creative media and genres of artistic expression. This course will examine the connection between art and developing technologies from the nineteenth century to the present day. The study of topics related to artistic authenticity and originality in the age of mass production will encourage students to develop skills for critical media analysis.

Credits: 2.00

Images et enregistrements

520-3F1-LA

(Cours de concentration réservé aux étudiants en droit et en civilisation)

Au fil du temps, l'évolution des technologies a influencé la production artistique. Au cours du dix-neuvième siècle, l'invention de la photographie et des technologies d'enregistrement a inspiré une vague de nouveaux médias créatifs et de nouveaux genres d'expression artistique. Ce cours examinera le lien entre l'art et les technologies en développement du XIXe siècle à nos jours. L'étude de sujets liés à l'authenticité et à l'originalité artistiques à l'ère de la production de masse encouragera les étudiants à développer des compétences en matière d'analyse critique des médias.

Credits: 2.00

Film and New Media

Introduction to Media Production: TV Studio

530-A10-LA

(Concentration course for Film & New Media students only)

This course introduces students to reality-based media through both production and theory. The course will show the important role the media plays in contemporary society. At the same time, it will explore using hands-on, simple exercises, the various methods of creating and delivering short projects using multiple techniques including sound recording, graphic design, green screen, “live-to-tape” video and web casting.

Credits: 2.33

Sight, Sound, Motion

530-A11-LA

(Concentration course for Digital Arts & New Media and Film & New Media students only)

The course focuses on introducing the basics of digital image making. Using the terminology specific to photography, sound design, and video production, students will explore digital image making from conception and research to evaluation and final analysis. Students will experiment with the language of visual expression and apply their understanding of the course material in a series of media assignments. In addition to developing strong autonomy in their individual work, students will also work cooperatively in teams where they will explore the technical and aesthetic tools of image making and discover how they can be used to communicate effectively, efficiently, but most of all, visually.

Credits: 2.00

Mobile Journalism: Writing and Shooting

530-A21-LA

(Concentration course for Film & New Media students only)

Mobile Journalism: Writing & Shooting builds upon the technical, creative, and critical skills acquired in the first semester. The focus will be on development and structuring of content, with emphasis on researching subjects, writing copy, mastering interview technique, and creatively developing ideas and style in promotional work. The power of traditional and social media to influence and manipulate public opinion will be considered, as students learn to critically analyze what they read and experience, while recognizing their own subjective ethical and moral perspectives.

Credits: 2.00

Digital Filmmaking: Montage

530-A22-LA

(Concentration course for Film & New Media students only)

This course studies the ways in which images have been combined to communicate ideas. From the early narratives of D.W. Griffith to Russian montage, to the high-impact world of contemporary applications in advertising, music videos, and multi-media, examples from a broad range will illustrate the power of editing. In creative exercises, students will apply their knowledge to match action in multiple shots and angles, manipulate time, create moods, and increase impact through better image composition, lighting, sound, and editing.

Credits: 2.00

Film History

530-A31-LA

(Concentration course for Film & New Media students only)

From its birth during the Industrial Revolution to today’s current digital revolution, the cinema has been, arguably, the dominant and most far-reaching art form of our times. This course details the evolution of the cinema, through its diverse production modes, artistic movements, nationalities, and individuals who have made contributions during nearly a hundred and twenty years of world moviemaking. Students will become aware of the technical, economic, political, social, and artistic forces that together have affected the cinema and for better or worse, brought it to where it is now. The course also has a strong research and writing component. Students will work to develop skills through individual research and essay-writing on particular topics within the historical context, and will be expected to contribute weekly to discussions based on this material.

Credits: 2.00

Digital Filmmaking: From the Word to the Screen**530-A32-LA**

(Concentration course for Film & New Media students only)

This course encourages the student to envision more complex films than those produced in previous digital filmmaking classes. Students create characters, learn how to express their ideas in screenplay form, and then translate those ideas into images and sounds for the screen. Through studying examples from local and international filmmakers, the universal importance of story structure, believable characters, and realistic dialogue is illuminated. Writing and shooting assignments allow students to experiment with storytelling skills and explore acting and directing for the screen.

Credits: 2.00

Multi-Media Events and Documenting Reality**530-A33-LA**

(Concentration course for Film & New Media students only)

This course delivered in a workshop format will be the culmination of skills acquired in the reality-based courses. Using actual on-campus events as the subject matter, the class will work together as a large, multi-role team to handle everything from conception through to actual production. Projects will incorporate journalistic techniques across a wide array of media. In this course, students will also study the history and practice of documenting reality. Working in smaller teams, they will develop a documentary film, interactive website, or extended photo project, while once again being responsible for all aspects from choice of content, research and development, to final editing.

Credits: 2.00

Graduating Integrative Project (Film)**530-A41-LA**

(Concentration course for Film & New Media students only)

This course is an advanced level workshop providing the opportunity for students to take all of the technical, creative, and critical skills they have developed throughout the previous three semesters, and apply them to the production of a large-scale media project of their choice. This final project will help develop the organizational and project management skills required in the real world of media production, while allowing students to produce a project that can lead to the attainment of future goals.

Credits: 2.00

Français: Langue seconde

Renforcement en Français, langue seconde

602-009-LA

Ce cours non crédité permet aux élèves anglophones et allophones de réviser les notions fondamentales du français parlé et écrit en vue d'accéder au niveau 100. Des exercices pratiques les amèneront à interagir davantage en français dans une variété de situations simples.

Credits: 2.33

Français de base I

602-100-MQ

Ce cours s'adresse aux élèves anglophones et allophones qui interagissent déjà verbalement en français, mais qui ont une connaissance restreinte du français écrit. Des activités variées sur des thèmes de la vie courante leur permettront de s'améliorer tant à l'oral qu'à l'écrit.

Credits: 2.00

Langue française et communication

602-101-MQ

Ce cours s'adresse aux élèves anglophones ou allophones qui ont une connaissance satisfaisante du français. L'étude d'un roman et de textes portant sur l'actualité ainsi que diverses activités les amèneront à communiquer en français avec de plus en plus d'aisance.

Credits: 2.00

Langue française et culture

602-102-MQ

Ce cours s'adresse aux élèves qui ont une bonne connaissance du français oral, mais qui auraient besoin d'un certain perfectionnement à l'écrit. Des textes culturels et d'autres portant sur l'actualité, de même que des exercices divers les amèneront à communiquer avec aisance en français et à structurer leur pensée de façon organisée.

Credits: 2.00

Français et littérature

602-103-MQ

Ce cours s'adresse aux élèves qui ont une bonne connaissance du français oral et écrit. Le cours s'articule autour de deux volets principaux. Le premier volet porte sur l'étude de textes littéraires et culturels choisis parmi différents genres tels le théâtre, le roman, la chanson, etc. Le second volet vise à perfectionner le français écrit par la rédaction d'analyses littéraires ou d'autres travaux d'écriture.

Credits: 2.00

La francophonie à travers le monde

602-211-LA

(Français pour les élèves du programme Language et Culture seulement)

Ce cours s'adresse aux élèves qui possèdent déjà une maîtrise efficace du français. Il leur permettra d'explorer la langue et la culture françaises à travers le monde. De plus, les élèves définiront, concrétiseront et présenteront un projet en lien avec la francophonie.

Credits: 2.00

Français du travail - option faible

602-931-N1

(602-931-LA)

Ce cours de concentration s'adresse aux étudiants qui ont une connaissance de base du français. Il a pour objectif d'amener les étudiants à traiter des affaires en langue seconde tant à l'oral qu'à l'écrit. Il vise à faciliter l'intégration des étudiants au monde professionnel à travers des travaux liés à l'emploi, à la publicité et à la vente.

Credits: 2.00

Français du travail - option moyenne (602-931-LA) Ce cours de concentration s'adresse aux étudiants qui ont une très bonne connaissance du français. Il a pour objectif d'amener les étudiants à traiter des affaires en langue seconde. Il vise à développer et à peaufiner leur habileté à communiquer en français avec aisance et précision tant à l'oral qu'à l'écrit. Il explore le contexte de travail propre au monde des affaires à travers des travaux liés à l'emploi, à la publicité et à la vente.	602-931-N2
	Credits: 2.00
Français du travail - option fort (602-931-LA) Ce cours de concentration s'adresse aux étudiants qui ont une bonne connaissance du français. Il a pour objectif d'amener les étudiants à traiter des affaires en langue seconde. Il vise à développer et à améliorer leur habileté à communiquer en français avec aisance tant à l'oral qu'à l'écrit. Il explore le contexte de travail propre au monde des affaires à travers des travaux liés à l'emploi, à la publicité et à la vente.	602-931-N3
	Credits: 2.00
Français et sciences II Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études. Préalable : 602-101-MQ	602-BMH-LA
	Credits: 2.00
Français et sciences III Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études. Préalable : 602-103-MQ	602-BMJ-LA
	Credits: 2.00
Français et société I Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études. Préalable : 602-101-MQ	602-BMK-LA
	Credits: 2.00
Français et société II Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études. Préalable : 602-102-MQ	602-BMM-LA
	Credits: 2.00

<p>Français et société III</p> <p>Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études.</p> <p>Préalable : 602-103-MQ</p>	<p>602-BMN-LA</p> <p>Credits: 2.00</p>
<p>Français de base II</p> <p>Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études.</p> <p>Préalable : 602-100-MQ</p>	<p>602-BMP-LA</p> <p>Credits: 2.00</p>
<p>Français et professions I</p> <p>Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études.</p> <p>Préalable : 602-101-MQ</p>	<p>602-BMQ-LA</p> <p>Credits: 2.00</p>
<p>Français et professions II</p> <p>Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études.</p> <p>Préalable : 602-102-MQ</p>	<p>602-BMR-LA</p> <p>Credits: 2.00</p>
<p>Français et professions III</p> <p>Après avoir réussi le cours approprié de la série A, l'élève devra suivre un cours de la série B. Les cours de cette série s'appuient sur les acquis développés dans le premier cours en les enrichissant d'éléments de compétence liés aux champs d'études des élèves. On cherche à développer la précision de l'expression en plaçant les élèves dans des situations de communication caractéristiques de leur domaine d'études.</p> <p>Préalable : 602-103-MQ</p>	<p>602-BMS-LA</p> <p>Credits: 2.00</p>
<p>Français pour soins infirmiers</p> <p>Ce cours de concentration s'adresse aux étudiants qui ont une bonne connaissance du français. Il a pour objectif d'amener les élèves à communiquer avec aisance en français, tant à l'oral qu'à l'écrit, sur des sujets propres à leur champ d'études. Il explore le contexte de travail associé aux soins infirmiers à travers des travaux liés à la note d'évolution, au vocabulaire médical technique et à la lecture d'une œuvre issue du domaine de la santé.</p> <p>Préalables : 602-101-MQ ou 602-102-MQ ou 602-103-MQ</p>	<p>602-BMT-LA</p> <p>Credits: 2.00</p>

<p>Oeuvres narratives et écriture</p> <p>Le cours 602-UF0-MQ fait partie de la formation générale pour les étudiants classés à ce niveau et est également le premier d'une séquence de trois cours que les élèves non ayants droit doivent suivre et qui préparent à l'épreuve uniforme de français. Ce cours a pour objectif d'amener l'élève à expliquer des œuvres narratives d'expression française.</p>	<p>602-UF0-MQ</p> <p>Credits: 2.00</p>
<p>Poésie, théâtre et écriture</p> <p>Le cours 602-UF1-MQ fait partie de la formation générale et est le deuxième d'une séquence de trois cours que les élèves non ayants droit doivent suivre et qui préparent à l'épreuve uniforme de français. Ce cours a pour objectif d'amener l'élève à traiter d'œuvres poétiques et théâtrales d'expression française.</p> <p>Préalable : 602-UF0-MQ</p>	<p>602-UF1-MQ</p> <p>Credits: 2.00</p>
<p>Comparaison d'œuvres littéraires</p> <p>Le cours 602-UF2-MQ fait partie de la formation générale et est le troisième d'une séquence de trois cours que les élèves non ayants droit doivent suivre et qui préparent à l'épreuve uniforme de français. Ce cours a pour objectif d'amener l'élève à comparer des œuvres d'expression française de genres variés.</p> <p>Préalables : 602-UF0-MQ et 602-UF1-MQ</p>	<p>602-UF2-MQ</p> <p>Credits: 2.00</p>
<p>Renforcement en français, langue d'enseignement</p> <p>Le cours 602-UFR-LA s'adresse aux élèves dont les connaissances en français ont été considérées insuffisantes à la réussite du premier cours obligatoire. Il leur permettra de réviser les notions de base en écriture et en lecture pour ensuite accéder au cours 602-UF0-MQ.</p>	<p>602-UFR-LA</p> <p>Credits: 2.33</p>

English: Language of Instruction

Introduction to College English	603-101-MQ
This course introduces students to thinking, talking and writing about literature at the college level. Students will learn to use the terms and forms they will need in future literature courses, and they will learn to write a literary analysis essay. By the end of term, successful students will be able to analyze a short story and write a 750-word theme analysis.	
	Credits: 2.66
Modern Drama	603-102-06
(603-102-MQ: English - Literary Genres)	
This course introduces students to a variety of modern plays and playwrights with a view to appreciating the distinctive nature of this genre of literature. In order to appreciate the play as a potential script for theatre artists, students may attend a live theatre performance as a course requirement.	
Prerequisite: 603-101-MQ	
	Credits: 2.33
Renaissance Drama	603-102-07
(603-102-MQ: English - Literary Genres)	
The theatre of the Renaissance was both high art and popular culture at its best. The English dramatic scene of the 16th and 17th centuries was a rich one, where Shakespeare was but one of many key players (along with Ben Jonson, Christopher Marlow, John Fletcher and many others). This course will introduce students to major plays written in the period and examine the ways in which they reflected the concerns and tastes of their time, as well as the manners in which they continue to influence our literary and cultural landscapes today.	
Prerequisite: 603-101-MQ	
	Credits: 2.33
Science Fiction	603-102-08
(603-102-MQ: English - Literary Genres)	
Isaac Asimov defines science fiction as "that branch of literature which deals with the response of human beings to changes in science and technology," but it can also deal with alternate realities, life on far away planets, and dystopian or utopian possibilities. In this course, students will develop an understanding of the conventions and the functions of science fiction through a study of various literary forms.	
Prerequisite: 603-101-MQ	
	Credits: 2.33
Short Fiction	603-102-09
(603-102-MQ: English - Literary Genres)	
In this course, students will become acquainted with the distinctive characteristics of short fiction by studying a selection of notable examples of the genre. These may include short stories, novellas, and/or fables. Texts may be taken from various periods and cultures and may be examined from different critical approaches.	
Prerequisite: 603-101-MQ	
	Credits: 2.33
The Novel	603-102-10
(603-102-MQ: English - Literary Genres)	
The novel has only existed for about 300 years, yet it has redefined how people think, feel and understand humanity. Students will read novels to identify the genre's conventions and evolution, while examining novelists' diverse portrayals of human consciousness.	
Prerequisite: 603-101-MQ	
	Credits: 2.33

<p>Knightly Adventures</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>The legends of King Arthur and the Knights of the Round Table have enthralled readers for centuries. This course will explore the nature of quests, chivalry, and marvellous and perilous magic through an examination of various telling and/or retellings of knightly tales.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-11</p> <p>Credits: 2.33</p>
<p>Poetry</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course seeks to give students a grasp of the nature and variety of poetry. It may offer a historical survey of poetry or concentrate on contemporary poems. Students will become familiar with poetry's aesthetic, rhythmic and sonic properties, rhyme scheme, form and inherent musicality of language for meaningful effect. Song lyrics may also be studied.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-12</p> <p>Credits: 2.33</p>
<p>The Western</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This genre is both enormously influenced and enormously influential. It is by nature a mixed genre, embellished by other popular fictions and particularly by its own realizations in film. This course may examine the Captivity Narrative, arguably the first American genre, and experimental texts such as Michael Ondaatje's take on Billy the Kid.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-16</p> <p>Credits: 2.33</p>
<p>English for Tutors</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course is both an English course and a course that instructs students how to provide peer tutoring in the Writing and Learning Centres. As part of the English component, students will study literature and, at the end of the course, will write a 1000-word literary analysis essay. A serious commitment from the student, good leadership abilities, and a strong background in English are required for enrolment. In general, prospective students must have an overall average of 80% or above, with a mark of at least 80% in English, to qualify. Those eligible will receive a letter inviting them to apply for the course. Note: This course will fulfill either the student's 603-102 or 603-103 diploma requirement.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-18</p> <p>Credits: 2.33</p>
<p>The Genres of Literature</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course will help students understand how meaning is influenced by different literary forms. Students will study three genres of literature, such as the short story, the novel/novella, the play, the poem, the memoir, or the expository essay.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-19</p> <p>Credits: 2.33</p>
<p>The Essay: Ideas on Trial</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course will discuss a variety of nonfiction texts, both formal and informal. Modes may include the personal essay, the descriptive essay, and humour. Students will trace the evolution of the genre by studying examples from the past and contemporary magazine writing. The course will also consider the future of the essay in light of the emergence of digital media.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-20</p> <p>Credits: 2.33</p>

<p>Literature and Music</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course examines various literary genres and the musical forms to which they have been adapted. For example, students may study a musical play or a musical comedy and its literary model. They may also analyse contemporary song lyrics.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-21</p> <p>Credits: 2.33</p>
<p>Satire</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>Whoever said that the pen was mightier than the sword must have had satire in mind. Versatile, the genre of satire can attack, shock, shame, make you laugh, or even change the way you think. Through a varied set of texts that may include poetry, plays, novels, or political pamphlets, students will learn to recognize the defining features of satirical literature, as well as account for the practical changes it can enact in the real world.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-24</p> <p>Credits: 2.33</p>
<p>Folk and Fairy Tales</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>Despite being centuries old, folk tales and fairy tales continue to affect readers and inspire writers. This course will examine tales that entertain, frighten, and enlighten. Students will trace the evolution of the genre by studying texts by scholars such as the Brothers Grimm and contemporary retellings by authors such as Angela Carter and Neil Gaiman. The impact of these stories on the narratives of other spheres, such as cinema, may also be examined.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-25</p> <p>Credits: 2.33</p>
<p>Experimental Fiction</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>Through this survey of non-traditional fiction, students will think about literature in a new light while being exposed to marginal perspectives. Short stories, novels, plays, and/or poems may be used to present startling ideas, characters and situations.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-26</p> <p>Credits: 2.33</p>
<p>The Gothic</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course examines the dark dreams of Gothic literature. The development of the Gothic imagination will be traced from the genre's origins in the 18th century to its modern manifestations. Critical approaches may be introduced to help students understand the enduring significance of Gothic texts.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-28</p> <p>Credits: 2.33</p>
<p>Utopia/Dystopia</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>A utopia--a word that means "no place" in Greek--is an imaginative picture of an ideal society. At certain times throughout history, philosophers, writers of fiction, painters, sociologists, and anthropologists have created utopias to suggest their own ideas for a better world, and to critique the societies in which they lived. Utopias often suggest hope for the betterment of humankind. Instead of ideal worlds to be hoped for, dystopias are frightening worlds to be feared and avoided. Creators of dystopias often see in their own societies signs of the horror that they describe in their imagined worlds.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-29</p> <p>Credits: 2.33</p>

<p>Fiction into Film</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course will look at works of literature that have received cinematic adaptations. Students will explore the many differences between literary and cinematic story-telling, as well as consider the challenges inherent in ‘translating’ a short story, novel, and play-script into a screenplay. As the course compares two distinct art forms or media, students will be equipped with some of the vocabulary, ideas and theories distinct to film studies.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-31</p> <p>Credits: 2.33</p>
<p>Graphic Novels</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>In this course students will develop an understanding of the conventions and themes of the graphic novel through a study of its historical development. Among other things, we will explore the combination of words and images in superhero comics, underground commix, as well as the more recent trends of realistic and autobiographical graphic novels.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-32</p> <p>Credits: 2.33</p>
<p>Classical Drama</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>Theatre was one of the most important arts in ancient Greece and Rome. While Plato worried about its effects on society, Aristotle deemed it a crucial instrument of personal and social catharsis. From Aeschylus to Seneca, Aristophanes to Sophocles, these ancient dramatists profoundly affected the development of what we today find funny or devastating. This course will examine the formal and historical characteristics of Greek and/or Roman drama and their influence on contemporary theatre, literature, and film.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-33</p> <p>Credits: 2.00</p>
<p>Comedy</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>In this course, students will be invited to think about the source, substance and purpose of humour, and learn to recognize the features of comedic writing. A variety of modes of comedy – e.g. farce, satire, parody, comedy of manners – may be studied. In addition to written works, performance pieces may also be considered.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-34</p> <p>Credits: 2.33</p>
<p>Magic Realism</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course will study the genre of Magic Realism, fiction in which the non-realistic (magical, spiritual, non-material) is present in otherwise realistic narratives. The course includes works by the well-known Latin American writers who first popularised the literary genre and an introduction to the genre’s roots in wider cultural history. As a genre heavily tied to socio-cultural, political, and economic contexts, the course may also touch on Magic Realism in the wider colonial world, including in Canada.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-35</p> <p>Credits: 2.33</p>
<p>Studies in Genre</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course will introduce students to literary expression in one or more genres. Students will learn to recognize the conventions of literary genres and their contribution to the meaning of texts.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-36</p> <p>Credits: 2.33</p>

<p>Fantasy Literature</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>Authors of fantasy blend the real and the supernatural, creating an intense state of existence. Because of this heightened context, the genre allows for a deep exploration of people's fears and desires. This course will explore contemporary high fantasy and its roots. In doing so, students may examine fairy tales, medieval romance, short fiction, novels, and essays.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-37</p> <p>Credits: 2.33</p>
<p>Crime Fiction</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course will help students understand the appeal of crime fiction. It will provide a critical overview of the genre, and take a close look at examples ranging from classic to contemporary. Most importantly, it will have students using their newfound skills of deduction, as they constantly try to figure out Whodunit?</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-38</p> <p>Credits: 2.33</p>
<p>Children's Literature</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>This course explores some of the most famous and influential works of literature written for children. Through historical, sociological, psychological and literary analysis of fairy tales, cautionary tales, fables, picture books and novels, we will see how the literature of childhood has helped map the journey of generations of children towards adulthood, and has reflected and shaped our history and culture.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-39</p> <p>Credits: 2.33</p>
<p>The Epic</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>In the Renaissance, the epic was regarded as the highest of all genres. It makes extraordinary demands on the poet in terms of knowledge and invention, and is typically articulated in a grand, ceremonial style. An episodic narrative rooted in oral tradition, the epic immortalizes the glory and identity of a people. It is a vast canvas on which are depicted gods, monarchs, and heroes of myth and legend. Drama, poetry, comedy, tragedy—all combine to reflect the light and shadow of human history and aspiration.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-41</p> <p>Credits: 2.33</p>
<p>Life Writing</p> <p>(603-102-MQ: English - Literary Genres)</p> <p>When authors write about themselves, they reveal a part of their story; what they conceal is also telling. Authors use a variety of formats to present their life stories and to convey their understanding of life journeys. By reading these literary examples, whether they be journal or diary entries, letters, autobiographies, essays, or fictionalized accounts of real events, the reader gains an insight into the author's psyche and, often, into his or her own life. Students may also apply what they learn from these texts by writing about themselves.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-102-47</p> <p>Credits: 2.33</p>

<p>Travels and Journeys</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Travel is a powerful experience because it allows people to recognize differences, to shift their perspectives on the world, and to develop identities. Unsurprisingly then, journeys appear both literally and metaphorically in literary works from many different traditions. Students in this course will examine some of these works and examine how writers use travel to express their themes.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-02</p> <p>Credits: 2.33</p>
<p>Freedom</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Described as liberty, autonomy, or sovereignty, freedom is possibly the most basic right of humans. Each writer touches upon his or her personal passions regarding the struggle for freedom, since the definition of freedom is shaped by factors such as era, country of birth, gender, and race.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-08</p> <p>Credits: 2.33</p>
<p>War</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course is a study of selected war literature--prose, poetry, and/or personal memoir--that examines such issues as mateship, sexuality, depictions of the soldier and of the enemy, representations of violence and pain, and the ideological function of works about war.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-09</p> <p>Credits: 2.33</p>
<p>Literature without Borders</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Literature is a human phenomenon that is only artificially bound by national borders. This course takes a global approach to the study of literature. Students will examine literary traditions and cultural values in a variety of stories, plays, poems, and/or novels from different countries around the world.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-10</p> <p>Credits: 2.33</p>
<p>Defining Women</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Through fiction, poetry, essays, and/or drama, this course will examine literature by and/or about women to explore female identity, desire, relationships, and position in society. We will look at the different ways in which women's identities have been constructed and how that can be reconciled with current perceptions of women.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-11</p> <p>Credits: 2.33</p>
<p>Literature and Sexuality</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Gay and lesbian characters are becoming common in books, movies and TV shows. Discriminatory laws are being challenged. Yet, queer people still face difficulties when they express their feelings and identities to families and friends who may not understand or accept them. Novels, stories, poetry, and plays by or about queer youth can remind us of these difficulties. This course will allow all students to gain an appreciation of the challenges that some of their peers face by examining a sample of these works.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-14</p> <p>Credits: 2.33</p>

<p>Religion and Spirituality in Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Many different religious and spiritual traditions across the globe explore divine, transcendental, and metaphysical themes. This class will examine divinely inspired literature from a broad range of cultural traditions, paying attention to the way authors have addressed the longing, suffering, and love that distinguish humanity’s struggle to understand its own nature and the nature of the infinite.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-15</p> <p>Credits: 2.33</p>
<p>Paths to Self-Discovery</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Students in this course will study texts that explore an individual's need for self-discovery. The course will look at the ways in which history, gender, race, economic status, social expectations, relationships, desires and freedom impact a person’s identity and ability to become their desired self.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-20</p> <p>Credits: 2.33</p>
<p>Regional Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>In this course, students will study the work of a single geographical region in detail. Thus, they will examine the ways in which writers negotiate between their regionalism and a larger political, social and cultural entity. Possible regions that could be studied include cities (Montreal, Berlin), countries (Australia, Japan), or cultural spaces (the American South, Latin America).</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-21</p> <p>Credits: 2.33</p>
<p>Canadian Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course will explore the notion of a Canadian literary voice(s) in selected poems, short stories, and/or novels. Topics covered may include regionalism, cultural difference and convergence, and the literary response to specific contexts such as landscape and environment, social issues, artistic concerns, and colonial history. Readings will reflect a variety of genres and perspectives from across the country and throughout its history.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-22</p> <p>Credits: 2.33</p>
<p>American Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course will study the evolution of American literature, focusing on issues that characterize the American experience. Through a varied set of texts, it will examine topics such as exploration, the Promised Land and the American Dream, the nature of good and evil, the nature of government and the social contract, as well as the various aspects of America’s attempt to respond to troubling but still relevant portions of its past, such as slavery and the Civil War.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-23</p> <p>Credits: 2.33</p>
<p>Postcolonial Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Writers living in formerly colonized countries are now using the language of colonization—in this case, English—to oppose unjust power relations and the assumption that “universal experience” is Eurocentric. This course examines the work of numerous postcolonial authors to see how they expose the legacy of colonialism and forge new identities.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-24</p> <p>Credits: 2.33</p>

<p>Performing Discord</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course pays particular attention to the ways in which discord (conflicts, disputes, arguments) are represented through different kinds of performative texts such as drama, musical theatre, stand-up comedy, or spoken word poetry. Students will encounter different styles of discord, such as comic or tragic, and may attend a performance to better appreciate the transformation from text to live production.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-28</p> <p>Credits: 2.33</p>
<p>The Creative Self</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course explores the nature and expression of creativity. Through an analysis of fiction and/or non-fiction, students will discover ways in which ideas are transformed into literature. Students may also apply what they learn from these texts to their own creative lives.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-29</p> <p>Credits: 2.33</p>
<p>Literature and the Environment</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Through the study of literature that deals with or draws from environmental themes, readers can increase their awareness of and appreciation for the environment. This course will examine the diverse interests involved in environmental issues and the myriad ways in which aspects of the environment serve as sources of inspiration for writers. Short stories, poems, novels, and/or essays from various social contexts will be studied to provide an overview of the relationship between literature and the environment.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-30</p> <p>Credits: 2.33</p>
<p>Coming of Age</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>The process of growing up, either literally (from childhood to adulthood) or symbolically (from innocence to experience), can be diverse and dynamic. Often fraught with conflict, challenges or complex questions, such transformations are fruitful ground for authors to explore. This course will look at the passage from one phase of life to another through short stories, poetry, drama, and/or the novel.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-31</p> <p>Credits: 2.33</p>
<p>Mythological Archetypes</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>What do Moses, Harry Potter, and Daenerys Targaryen all have in common? All were orphaned and disenfranchised, but nevertheless went on to become great leaders, facing major quests and challenges before taking their rightful places in the world. This archetype of the hero is only one of the many archetypes that populate art, religion, and the broader human imagination. This course will examine the influence of mythological archetypes on the development of literature. Through close readings of primary texts from a variety of cultural traditions, we will explore the profound world of the collective unconscious.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-32</p> <p>Credits: 2.33</p>

<p>Quebec Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course examines a variety of literary works by Quebec authors. Students will consider the essential qualities of literature in English in Quebec and examine the cultural response to the shifting status of Anglophones in the province. The course may also focus on literary works in translation and works by allophone and Indigenous writers in Quebec.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-40</p> <p>Credits: 2.33</p>
<p>Contemporary Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course explores emerging themes in works by living writers. By reading a selection of recent novels, poems, short stories and/or plays, students will examine the ways in which contemporary authors capture the complexity of our historical moment.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-41</p> <p>Credits: 2.33</p>
<p>British Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>In this course, students will be introduced to literature that has a direct connection to Britain. Each work will be examined to see how it reflects the cultural, geographic, and historical situation of its author.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-42</p> <p>Credits: 2.33</p>
<p>Displacement and Migration</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Much literature is being written by authors who have voluntarily or involuntarily separated from their places of birth. This position of "exile" leads many writers to question traditional notions of identity, home and nation. In so doing, they have begun to create a "global" literature, different from the tradition of nationally bounded literatures.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-43</p> <p>Credits: 2.33</p>
<p>Single Author Study</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>According to novelist Amy Tan, "each writer has a distinct consciousness, attentiveness, inventiveness, and relationship to the world, both real and fictional." In this course, students will study the work of a single author in detail. Thus, they will examine the ways in which a writer uses his or her unique style to explore thematic issues of concern to him or her. The choice of author may vary from semester to semester. Previous authors studied include J. R. R. Tolkien and Jeanette Winterson.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-44</p> <p>Credits: 2.33</p>
<p>Studies in Theme</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course will introduce students to the themes or ideas of literature. Students will learn to recognize and analyse the themes and value systems of the texts.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-45</p> <p>Credits: 2.33</p>

<p>Are Your Blues Like Mine?</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Black Canadian and American writers, musicians and filmmakers have had to grapple with numerous issues pertaining to race, ethnicity, and identity while living and working in North America. In this course students will study works of Black literature and perhaps music or film in order to gain an appreciation of the complexities, difficulties and dilemmas encountered by these men and women in their struggle to make their way in life.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-48</p> <p>Credits: 2.33</p>
<p>African-American Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>This course will expose students to the roots of the literary writings of African-American culture, a tradition that has informed North American literature and culture to a great degree. From the unique sounds of jazz and hip hop to the sober intellects of Frederick Douglass and W. E. B. DuBois, to the impassioned speeches of Martin Luther King and Malcolm X, and to the speculative imaginations of Alice Walker and Octavia Butler, African-American writers, musicians, and artists impact the cultural landscape in poignant ways.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-60</p> <p>Credits: 2.33</p>
<p>Politics and Literature</p> <p>(603-103-MQ: English - Literary Themes)</p> <p>Literature is neither written nor read in a vacuum, but is always part of a larger cultural and political discourse. This course will, therefore, examine the intersection of politics and literature. Topics may include resistance, revolution, political movements and theories, as well as international historical events.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-103-61</p> <p>Credits: 2.33</p>
<p>Introduction to Literature for Law and Civilization</p> <p>(603-101-MQ: English for Law and Civilization students only)</p> <p>This course introduces students to thinking, talking and writing about literature at the college level. Students will complete this course with tools that they will be able to use in future literature courses, such as the abilities to think critically, analyze evidence carefully, develop original arguments, and communicate effectively. By the end of term, successful students will be able to analyze a short literary text and write a 750-word theme analysis.</p>	<p>603-1LA-LA</p> <p>Credits: 2.66</p>
<p>The Evolution of Literary Genres</p> <p>(603-102-MQ: English - Literary Genre, for Law and Civilization students only)</p> <p>The main focus of this course is the origins of the novel but the broader purpose is to investigate how and why literary genres change. A cross-section of works from antiquity to the 1700s will be analyzed. More contemporary examples may also be used to show how genres continue to evolve today. In addition to gaining a valuable perspective on cultural history, students will learn several approaches to textual analysis and trace the origins of some of their favorite genres of books and films.</p> <p>Prerequisite: 603-101-MQ or 603-1LA-LA</p>	<p>603-2LA-LA</p> <p>Credits: 2.33</p>

<p>Romanticism and Realism</p> <p>(603-103-MQ: English - Literary Theme, for Law and Civilization students only)</p> <p>This course introduces students to a variety of Romantic and Realist works, mostly from the 18th and 19th centuries. The reading list may include novels, stories, poems, essays or plays and some of them may be in translation. By analyzing details of literary works and their contexts, students will explore and write about ideas such as individuality, sentiment, nature, social change, and justice.</p> <p>Prerequisite: 603-101-MQ or 603-1LA-LA</p>	<p>603-3LA-LA</p> <p>Credits: 2.33</p>
<p>English for Science Programs</p> <p>(English for Science students only)</p> <p>In these courses, students will develop their skills in reading and analyzing texts related to one or more fields of study. Students will draw on their program-specific knowledge to develop and organize their ideas, with attention to relevant rhetorical strategies, forms, and conventions. By the end of the course, students will produce a 1000-word written assignment.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-BMA-LA</p> <p>Credits: 2.00</p>
<p>English for Professional Programs</p> <p>(English for Computer Science, Entrepreneurship, Sport Marketing & Management and Tourism students only)</p> <p>In these courses, students will develop their skills in reading and analyzing texts related to one or more fields of study. Students will draw on their program-specific knowledge to develop and organize their ideas, with attention to relevant rhetorical strategies, forms, and conventions. By the end of the course, students will produce a 1000-word written assignment.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-BMC-LA</p> <p>Credits: 2.00</p>
<p>English for Arts Programs</p> <p>(English for Arts, Literature & Communication and Social Media & Administration Specialist students only)</p> <p>In these courses, students will develop their skills in reading and analyzing texts related to one or more fields of study. Students will draw on their program-specific knowledge to develop and organize their ideas, with attention to relevant rhetorical strategies, forms, and conventions. By the end of the course, students will produce a 1000-word written assignment.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-BMF-LA</p> <p>Credits: 2.00</p>
<p>Effective Communication for College Studies</p> <p>(Not open to Law and Civilization students)</p> <p>This course is both an English course and a course that instructs students how to provide peer tutoring in the Writing and Learning Centres. As part of the English component, students will learn to communicate in forms appropriate to one or more fields of study. To this end, students will learn to recognize how fact and arguments are organized in different disciplines. Students will develop their own ideas into arguments, organize them, and edit their work. At the end of the course, students will produce a 1000-word written assignment.</p> <p>As part of the tutoring component, students will learn how to offer effective support and guidance to their peers; this may include a focus on cognition and the ways people learn. This course requires a serious commitment from the student, good leadership abilities, and a strong background in English. In general, prospective students must have an overall average of 80% or above, with a mark of at least 80% in English, to qualify. Those eligible will receive a letter inviting them to apply for the course.</p> <p>Prerequisite: 603-101-MQ</p>	<p>603-BMH-LA</p> <p>Credits: 2.00</p>

Literature for our Time**603-BML-LA**

(English for Law and Civilization students only)

This course is an exploration of how contemporary literature responds to, reflects and shapes our world. The reading list might involve the study of works in translation as well as works written originally in English. Students will consider the links between the details of literary texts and their cultural meaning. The course also considers aesthetic aspects of contemporary literature through the examination of developments in literary technique.

Prerequisite: 603-101-MQ or 603-1LA-LA

Credits: 2.00

English for Nursing**603-BMN-LA**

(English for Nursing students only)

In these courses, students will develop their skills in reading and analyzing texts related to one or more fields of study. Students will draw on their program-specific knowledge to develop and organize their ideas, with attention to relevant rhetorical strategies, forms, and conventions. By the end of the course, students will produce a 1000-word written assignment.

Prerequisite: 603-101-MQ

Credits: 2.00

English for Social Sciences**603-BMS-LA**

(English for Social Science students only)

In these courses, students will develop their skills in reading and analyzing texts related to one or more fields of study. Students will draw on their program-specific knowledge to develop and organize their ideas, with attention to relevant rhetorical strategies, forms, and conventions. By the end of the course, students will produce a 1000-word written assignment.

Prerequisite: 603-101-MQ

Credits: 2.00

Spanish

Spanish I

607-111-LA

(Spanish course for Language & Culture students only)

This course will present the basic structures of the Spanish language with emphasis on listening, reading, writing, comprehension, oral expression and culture. Students will learn to communicate about simple and routine tasks requiring a simple and direct exchange of information on familiar and routine matters.

Credits: 2.00

Spanish II

607-211-LA

(Spanish course for Language & Culture students only)

This course is a continuation of Spanish 111. This course completes the study of the fundamental grammatical structures of Spanish with emphasis on listening, reading, writing, comprehension, oral expression and culture.

Prerequisite: 607-111-LA

Credits: 2.00

Spanish III

607-311-LA

(Spanish course for Language & Culture students only)

This course will focus on communication skills in Spanish. Students will build knowledge of the target language and cultures through research, discussion and projects. Basic characteristics of linguistic concepts will also be examined in order to further understand the development of the language. An active learning lab component to this course will enable learners to develop, expand and reinforce language skills.

Prerequisite: 607-211-LA

Credits: 2.00

Spanish Civilisation

607-411-LA

(Concentration course for Language & Culture students only)

This course is a panoramic survey of Hispanic history and culture. Students will develop an understanding of diverse aspects of Hispanic civilization by studying its most significant political and historical events and examining its most representative works of art, architecture and literature. Emphasis will be placed on contributions to Hispanic cultural heritage and the development of modern Spain.

*A selection of authentic Spanish material will be used in this course.

Prerequisite: 607-311-LA

Credits: 2.00

Italian

Italian I

608-101-LA

(Italian course for Language & Culture students only)

This course will present the basic structures of the Italian language with emphasis on listening, reading, writing, comprehension, oral expression and culture. Students will learn to communicate in common situations of everyday life.

Credits: 2.00

Italian II

608-201-LA

(Italian course for Language & Culture students only)

This course is a continuation of Italian 101. This course completes the study of the fundamental grammatical structures of Italian with emphasis on listening, reading, writing, comprehension, oral expression and culture.

Prerequisite: 608-101-LA

Credits: 2.00

Italian III

608-311-LA

(Italian course for Language & Culture students only)

This course will focus on communication skills in Italian. Students will build knowledge of the target language and cultures through research, discussion and projects. Basic characteristics of linguistic concepts will also be examined in order to further understand the development of the language. An active learning lab component to this course will enable learners to develop, expand and reinforce language skills.

Prerequisite: 608-201-LA

Credits: 2.00

Italian Civilisation

608-411-LA

(Concentration course for Language & Culture students only)

This course will examine the ways both individual and collective identity have been shaped in Italy from the Middle Ages to the present by language, politics, literature, film, art and pop culture. In addition to studying cultural production, students will explore major events, movements and figures in Italy. While the course is organized chronologically, recurrent themes throughout Italian history will generate much of the class discussions.

*A selection authentic Italian material will be used in this course.

Prerequisite: 608-311-LA

Credits: 2.00

Language and Culture

Cultural Identity in the Visual Age I

618-111-LA

(Concentration course for Language & Culture students only)

This course surveys characteristic works of different cultures and their socio-historical context. The focus will be on human artistic expression of knowledge, emotions, values and beliefs. Themes covered in the course will include the struggle of power, the art of writing, and visual/architectural representations from the Ancient World to the Middle Ages.

*A selection of authentic French, Spanish and Italian material will be used in this course.

Credits: 2.00

Urban Spaces as Cultural Spheres

618-112-LA

(Concentration course for Language & Culture students only)

This course aims to provide students with some critical tools and concepts which focus on the art of experiencing the city as part of the physical and cultural context that defines it. Emphasis will be placed on how the city constructed its identity and marketed itself as a global artistic capital. Special attention will be placed on the following urban centres: Paris, Rome, Madrid and Buenos Aires.

*A selection of authentic French, Spanish and Italian material will be used in this course.

Credits: 2.00

Cultural Identity in the Visual Age II

618-211-LA

(Concentration course for Language & Culture students only)

This course surveys characteristic works of different cultures and their socio-historical context. The focus will be on human artistic expression of knowledge, emotions, values and beliefs. As in Cultural Identity in the Visual Age I, themes covered in this course include the struggle of power in Church & State, the Enlightened citizen, and visual/architectural representations from the Renaissance to Post-Modernism.

*A selection of authentic French, Spanish and Italian material will be used in this course.

Credits: 2.00

The Power of Language

618-311-LA

(Concentration course for Language & Culture students only)

The focus of this course is to explore how power struggles are often language and image struggles. Understanding the power of language in our political, social and cultural spheres will help us to think more critically about its role in cultural identity. Special attention will be placed on Indigenous and marginalized communities and the role language plays in revitalizing and reclaiming culture.

*A selection of authentic French, Spanish and Italian material will be used in this course.

Credits: 2.00

Montreal: A Cultural Mosaic

618-411-LA

(Concentration course for Language & Culture students only)

This course will look at the story behind Montreal's many cultural communities: how they depict themselves and how they are viewed through visual and written media. Students will explore film, art, literature and news media in order to gauge the role Montreal's cultural communities play in defining the city's identity. Guest speakers, field trips and, attention to the Kahnawake cultural community are an integral part of this course.

* A selection of authentic French, Spanish, and Italian material will be used in this course.

Credits: 2.00

(Concentration course for Language & Culture students only)

In this course, students will demonstrate that they have integrated the skills, knowledge and competencies required of the program. The focus of the course will be a research project and a presentation involving the use of information technology, reflection and analysis, structured formulation of ideas, and effective use of the languages acquired. Students will develop sound and ethical research habits, from the initial bibliographical research and the literary review, through core organizational, critical and presentational skills, to the timely dissemination of information. The final project in this course will be the Comprehensive Assessment.

Prerequisite: Successful completion of all program-specific courses from semester one through semester three.

Credits: 2.00

Complementary

Biology: Sharing the Environment

101-B1A-LA

(Complementary course - not open to Nursing and Science students)

We are living in an increasingly interconnected world; certainly this is evident in the global nature of many environmental problems. Decisions made by individuals often have far-reaching consequences. By focusing on ecological concepts and principles that govern how nature works, this course provides a foundation for understanding environmental problems and examines ways in which we can build a safer and more habitable world.

Credits: 2.00

Biological Perspectives on Sex

101-B1B-LA

(Complementary course - not open to Nursing and Science students)

This course focuses on the wide variety of relatively new findings on the biology of sex. By examining human sexual anatomy and physiology, we develop a firm foundation for further investigating conception control, developmental biology, sexual disorders, sexually transmitted diseases and patterns of human sexual response. We give the course an added dimension by putting the human condition in the context of the biology of sex. On completion of this course, students will be able to explain and demonstrate the essentials of scientific thought, and to explain the essential characteristics of "the scientific method" as it applies to the biology of sex and show how science and technology are interrelated.

Credits: 2.00

Biology of Health and Disease

101-B1C-LA

(Complementary course - not open to Nursing and Science students)

The study of human health and disease is a fascinating enterprise. To fully understand it, students must acquire knowledge that relates to human physiology and fundamental body functions, as well as human behaviour, and the mechanisms with which diseases are caused and progress. This course examines three aspects of human health and disease. Firstly, it examines parthenogenesis, or the study of infectious diseases. In this portion of the course, students will learn about bacteria, fungi, viruses, and other organisms that cause disease. Secondly, this course provides an introduction to immunology, the study of how the human body fights disease and resists infections. Finally, this course will examine modern advances in health, such as vaccination, antibiotic and drug development, and novel therapeutic technologies. This course is aimed at students who wish to understand what disease is, how it occurs, and how humans have developed methods maintain health.

Credits: 2.00

Introduction to Forensic Science

105-C41-LA

(Complimentary course-not open to Science students)

Crime Science Investigation (CSI) is a popular theme in television and film, but they usually do not explain how forensic scientists are able to collect information and help identify the perpetrator. This course introduces students to the science behind some of the basic techniques used in Forensics, such as Chemical Analysis, Blood Typing, DNA Fingerprinting, and Collision Analysis. This interdisciplinary course examines various aspects of forensic science from the perspective of Biology, Chemistry and Physics. It will be taught by a group of three teachers, one from each discipline, who will focus on how scientific methods can be applied to improve the reliability of evidence from a crime scene.

Credits: 2.00

Nutrition and Health Management

109-C31-LA

(Complementary course - not open to Nursing and Science students)

This course enables students to realize the components and lifelong benefits of good nutrition and health management practices and empowers them to apply these principles in their everyday lives. A pedagogical approach that utilizes higher order thinking communication, leadership and management processes is used to integrate topics into the study of individual and family issues. Topics include the impact of daily nutrition and health management practices on long-term health and wellness; physical, social and psychological aspects of healthy nutritious and health management choices; selection of nutritious meals and snacks based on the daily recommendations; weight management; and other related issues.

Credits: 2.00

Chemistry and the Environment**202-B2A-LA**

(Complimentary course-not open to Science Students)

This course is designed to help non-science students understand how environmental issues affect us in our daily lives. Topics include: greenhouse effect and climate change, fossil fuels and alternative energy sources, acid rain, waste disposal (incineration, landfilling, recycling), plastics, management of water resources, genetically modified organisms, persistent organic pollutants. The lectures are supplemented with several laboratory activities, documentaries, class discussion, and blog postings on NewsActivist. Possible activities include: a visit of the South-Shore waste water treatment plant, the St-Michel material recycling facility or the Lachenaie landfill in Terrebonne.

Credits: 2.00

Understanding the Things You Put in Your Mouth: Food, Drink & Drugs**202-C32-LA**

(Complimentary course-not open to Science students)

This course reveals the basic characteristics and roles of many of the substances we consume (in food, drink & drugs) in various forms (natural & synthetic). This understanding is essential to allow consumers to dismiss myths and to make informed decisions about questions that impact their health. This course not only examines the vital role of food & drinks to provide energy and raw materials for life, but also the role of many other substances (drugs, preservatives, additives, etc.) that affect human well-being. This includes how food & drinks are modified and/or preserved in different ways (cooking, cooling, drying, etc.), as well as how medical drugs (vaccines, medicines, etc.) and recreational drugs (alcohol, marijuana, etc.) impact life's complex structures & mechanisms. Many of these topics also open the door to the discussion of ethical questions associated with certain practices (genetically modified food (GMOs), vaccines, chemical preservatives, etc.). This course incorporates several laboratory experiments that reinforce the theoretical aspects seen in class and allow the students to learn and use several standard techniques of scientific experimentation.

Credits: 2.00

Astronomy**203-B1A-LA**

(Complementary course – not open to Science students)

Students in this course will develop an understanding of astronomy concepts and will apply this knowledge by solving problems, preparing and performing a group presentation, and writing a research paper. The topics covered in this course will include the history of astronomical observations and cosmological theories and how they are being used today. This course will describe the solar system the galaxy, stellar evolution, the universe and the possibility of life in the universe as well as describing the methods used (telescopes, detectors, probes) to study the universe.

Credits: 2.00

A World of Cities**320-A2A-LA**

(Complementary course - not open to Social Science students)

From the first cities in Mesopotamia, to internationally renowned metropolises like London or Tokyo and to the shantytowns of South Africa, this course explores how towns and cities have developed over space and time. Students examine how the physical, cultural and political structures of where they live impact their day-to-day lives, and compare it to other places in the world. Students come to understand how urbanization and industrialization, as well as other physical and cultural issues, contribute to where choices about where, how and why people live where they do, as well as how we can work to improve living conditions where we live, and around the world.

Credits: 2.00

Exploring Environmental Change**320-C11-LA**

This course is designed to acquaint the student with contemporary world problems which have wide spatial implications. The main themes are: regional inequalities in production and consumption, overpopulation, malnutrition, the division of mankind into "developed" and "under-developed" based on concepts of dominance and dependence rather than interdependence, human migrations and dislocations, culture and political conflicts, over-exploitation of finite resources, deterioration of the natural and human environment, predictions for the future, and ways of re-establishing equilibrium. The prime objective of the course is student input through active participation in discussions, debates, presentations and research.

Credits: 2.00

Based on a True Story? Popular Culture & the Past**330-A2A-LA**

(Complementary course - not open to Social Science, Sport Marketing & Management and Entrepreneurship students)

Many topics in history are oftentimes brought to life through popular culture whether it is in film, TV, literature, fashion, memes, blogs, songs, toys or video games. In fact, some people's stories have been retold countless times throughout history. However why are certain historical figures and events revisited more than others? The goal of this course is to study how our current environment determines who and what we choose to talk about and how we talk about them. Students will learn how the past is constructed. They will also understand how popular culture influences our understanding of history. Lastly, by using primary sources students will be able to determine fact versus fiction when studying history through popular culture.

Credits: 2.00

Sports & Social Issues Throughout History**330-C11-LA**

(Complementary course - not open to Law & Civilization, Social Science, Sport Marketing & Management students)

Explore the fascinating, controversial and inspiring relationship between sports and society throughout history.

Understand how sports promoted trends, new ideals, movements and revolutions in many different societies over time.

Learn about different social issues such as racism, nationalism, sexism and terrorism by studying sports like soccer, hockey, basketball, football, cycling and wrestling. Overall examine how people (athletes, coaches, managers, fans) and events (riots, tournaments, scandals) in sports history have shaped modern society.

Credits: 2.00

Meaning and Life's Problems: Exploring Philosophy**340-A2D-LA**

(Complementary course - open to all students)

The study of philosophy is the study of ourselves and our world an attempt to explain the deeper meaning of things. What does it mean to be human? Is there a soul or life after death? Does it make sense to believe in a God? What is the best way to organize society? Do we have free will? How should we think about science and new technologies? How should we approach relationships, sex and love? What is the difference between appearances and reality? This course will look at questions such as these, basing the discussion on a close study of the ideas found in the texts by some of the great philosophers in history.

Credits: 2.00

NewsActivist**345-CA1-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media and Computer Science students)

Using tools that facilitate collaboration and communication across borders, this course invites students to engage with news and become experts in areas of personal interest. Students will consider the role journalism and academics play in affecting world events while participating in active exercises that use digital humanities resources to access and assess material while developing a variety of writing and research skills along the way. Students will use the knowledge they gain through a variety of sources and from collaboration with other students around the world to communicate how their own academic or volunteer work could have a positive impact.

Credits: 2.00

Public Speaking for Beginners**345-CA2-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media, Entrepreneurship and Sport Marketing and Management students)

Much of “whom” and “what” we are is dependent on our ability to express ourselves verbally to others. The art of public speaking is one of the foremost mediums of self-expression. This course is designed to give students competency in the art of oral communication and to give confidence in having the capacity to speak effectively and openly in a variety of situations. Emphasis will be placed on speaking techniques and clarity of expression. A further emphasis will be to assist the students to develop ideas and concepts so that they can project and communicate these thoughts with a personable style and a logical order of delivery.

Credits: 2.00

Psychology: Introduction to Social Sciences**350-A1A-LA**

(Complementary course - not open to Social Science students)

This course is designed to explore the discipline of Psychology. Special emphasis will be given to topics that are relevant to the modern world. The course will focus on the following main perspectives in psychology: psychodynamic, behavioural, humanistic, biological and cognitive approaches. The concepts taught throughout the course will provide a foundational understanding of human psychology.

Credits: 2.00

Psych Yourself Up**350-C22-LA**

This course is designed to help students emerge into adulthood, develop resiliency and better manage conflict, struggle, and crisis by giving them an understanding of psychological theory and strategies used in established treatment practices. This course is committed to, a) teaching the emerging adult about the theories widely used in the practice of psychology today, b) exploring practices within these theories, c) allowing for the application of methodologically-sound strategies to common personal problems of CEGEP students such as anxiety, relationship problems, and low self-esteem.

Credits: 2.00

How to Get the Most Bang for Your Travel Dollar**365-CB1-LA**

(Complementary course - not open to Tourism students)

Prior to the Covid-19 pandemic, tourism, international tourism in particular, has been growing steadily in the last 70 years, and especially in the last 10 years. So much that a new word was coined: *overtourism*, too many tourists in certain attractive areas. It is foreseeable that tourism will be back in force after the pandemic, and that it will be better managed to avoid overtourism and other sustainability issues. This growth has led to an unprecedented number of options for the world traveler. This includes, but is not limited to, transportation, accommodation, sightseeing and attractions. How does the consumer navigate through this information overload, and make an intelligent purchase? This course will guide students through the research of the various sectors of the tourism industry in order to become smarter consumers.

Credits: 2.00

Indigenous Peoples and Globalization**381-C11-LA**

(Complementary course - not open to Social Science students)

Are we living in a global village? Is global economic and cultural interdependence positive, negative or both? How has this process affected Indigenous Peoples across the globe? This course will provide answers to these questions by exploring both the exploitative elements and new opportunities resulting from globalization, specifically in relation to Indigenous Peoples. The focus will be on the experiences of First Nations and Inuit people in North America; however, students will also learn about Indigenous People in other geographical areas, such as the Arctic and the circumpolar North, as well as Central and South America. This course will facilitate an understanding and respect for Indigenous histories and cultures.

Credits: 2.00

Money Skills and Consumer Economics**383-C21-LA**

(Complementary course – not open to Entrepreneurship and Sport Marketing and Management students)

Over 60% of Canadian college students graduate indebted, each with an average student loan of \$22,000. This course equips students with practical knowledge and skills to tackle the financial challenges that they may face during their college life and beyond. Topics include: personal financial planning and budgeting, interest compounding, the perils of debt, vehicle loans vs. leases, buying a home vs. Renting, consumer traps, borrower's rights, insurance, tools for saving – and investment and their tax implications.

Credits: 2.00

Political Science: Politics and Society**385-A1A-LA**

(Complementary course - not open to Social Science students)

Every generation debates numerous “hot” issues. Politics is the key process in resolving these debates. In this complementary course, you will gain a better understanding of some of these current debates. We will study how our personalities, families/friends, experiences, the media, and politicians shape our views on society. We will discuss current issues, including: the legalization of drugs, prostitution, pornography, social media, violence in the media, privacy vs. security in the digital age, torture, free speech vs. hate speech, LGBTQ rights, tolerance, and globalization.

Credits: 2.00

Sociology: An Introduction to Social Life**387-A1A-LA**

(Complementary course - not open to Social Science students)

This course introduces students to elements of social life and explains them from a multi-disciplinary social science perspective. There is a focus on the social (or group) environment and the influence of social structure that transcend and outlast the individual. We will examine how society transmits its culture through socialization and social control. Students learn about social stratification (distribution of wealth and social status) and study social issues (such as poverty, racism, and inequality) in the context of ongoing and constant social change. Students should finish this course with a better understanding of their own values, and their place in society.

Credits: 2.00

Computer Applications for Commerce**420-D1L-LA**

(Complementary course – not open to Computer Science and Mathematics, Sport Marketing and Management, Entrepreneurship and Computer Science students)

This course introduces students to computer software that is needed in order to be well-prepared to enter Commerce at university or to function in any kind of business environment. Students will discover how to create top-tier professional documents, spreadsheets, databases, and presentations using popular tools from Microsoft that are in use in business today. You will also learn how to effortlessly blend information between software tools, like adding Excel details into Word, or merging documents and databases right into your slideshows.

Credits: 2.00

Studio Art Workshop: Introduction to Artistic Practices**510-CA1-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media and Computer Science students)

This course is designed to introduce students to some practices in studio/fine arts production. Students will acquire a basic competency in several areas of study. There will be practical exercises which will cover techniques in both 2D and 3D traditions: drawing, modeling, carving/printing and assemblage will be included. Students will learn to work with varied materials such as pencil, pastels, paper, plasticine and clay.

Credits: 2.00

Behind the Camera: An Introduction to Photography**511-CA1-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media and Computer Science students)

This course will show how photography has been used throughout its history to create stories both fictional and documentary. The students will acquire the basics of photography in order to explore themes of their own choice while becoming more critically aware of the power of images in our culture and building a vocabulary with which to discuss their observations.

Credits: 2.00

Creative Imaging with Photoshop**511-CA2-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media)

This course is designed as a general introduction to the image editing software known as Photoshop. It is a hands-on computer workshop teaching the fundamental tools and techniques of 2D image manipulation. This course is geared toward students who are interested in the basics of editing, creating and manipulating images. Students will learn how to: scan images, use selection tools, work with layers, use paint and retouching tools, and deal with masks, filters, objects, and colour. Resolution concepts, managing file formats and preparing files for output will be introduced. Students will be able to produce basic artwork containing multiple images and effects. An emphasis will be placed on developing unique imagery and visual idiom while integrating digital technology.

Credits: 2.00

Music Back and Forth from Jazz to Rap to Techno**520-C01-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media and Computer Science students)

Words and music combine to affect our thoughts and emotions. Contemporary music styles like Rap, Rock, Blues, Jazz and EDM are connected in many ways to each other and to older forms of music. This course will explore these various forms of music to find out what they have in common and what makes each distinct. Students will also learn about a wide variety of vocal styles and some of the basic music tools that artists use to express themselves, in order to understand how musicians and recording artists put message and melody together in both new and old-style songs.

Credits: 2.00

Introduction to Film Studies**530-C01-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media and Computer Science students)

This course is designed to change the way students see films by introducing them to the specialized language of film making. We will look at specific elements such as types of shots, camera movement, lighting, set design, sound, editing techniques and narrative structure in order to better understand how film works as an art form. Using this knowledge, the student will analyse the ways in which film makers convey meaning, message and mood in their films.

Credits: 2.00

Cultivating Creativity Online and Beyond**603-921-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media)

This course introduces students to the principal characteristics of creative thinking and encourages them to develop strategies for reflecting on their creative experiences, generating ideas and communicating their thoughts in unexpected ways. The short writing assignments take a variety of forms, may be developed collaboratively with students, and generally prioritize ideas and process rather than the final product. Students will be able to apply these creative approaches to thinking and writing in their future courses.

Credits: 2.00

Creative Writing**603-CA1-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media)

This course is designed for students with a special interest in creative writing. Students will learn how to recognize what constitutes good writing, whether it is found in poetry, fiction, plays, or creative non-fiction. Students will complete various writing tasks and learn to critique their efforts and those of their peers.

Credits: 2.00

Writing for Journalism**603-CA2-LA**

(Complementary course – not open to Film & New Media, Digital Arts & New Media)

This course concentrates on the craft of writing for media of all kinds. Reporting techniques, journalistic principles, news story construction, and copy editing will be examined, as well as opinion and feature writing.

Credits: 2.00

Spanish I**607-C1A-LA**

(Complementary course - not open to Language & Culture students)

This course will present the basic structures of the Spanish language with emphasis on listening, reading, writing, comprehension, oral expression and culture. Students will learn to communicate in common situations of everyday life.

Note: This course may not be followed by students who have taken Spanish in high school, or who are Spanish speaking. Students who are inappropriately registered in this course will be required to change courses, or possibly to withdraw completely.

Credits: 2.00

The Language of Music in Latinx and Spanish Cultures**607-C1B-LA**

(Complementary course - not open to Language & Culture students)

¡Olé! ¡Dale! ¡Sabor! Language, music and culture all play important roles in identity. This course is a combined study of language and music in the Hispanic world, where cultural expression is rhythmic, melodious and at times, explicit.

Students will acquire some skills in the target foreign language with emphasis placed on music as cultural expression.

Credits: 2.00

Italian I**608-C1A-LA**

(Complementary course - not open to Language & Culture students)

This course will present the basic structures of the Italian language with emphasis on listening, reading, writing, comprehension, oral expression and culture. Students will learn to communicate in common situations of everyday life.

Note: This course may not be followed by students who have taken Italian in high school, or who are Italian speaking.

Students who are inappropriately registered in this course will be required to change courses, or possibly to withdraw completely.

Credits: 2.00

The Language of Food Culture: Italy**608-C51-LA**

(Complementary course - not open to Language & Culture students)

What attracts us to food culture? We are attracted by the customs and food that a language represents. It is not just the quality of food that draws people but it is also the language and tradition behind its dishes. This course provides double access to Italian culture through the combined study of language and food. Eat your way to Italian language! This is a complementary course for students who would like to acquire some skill in Italian language while learning more about the culture's food and gastronomic traditions. This is an introductory level foreign language course without full grammar commitment.

Credits: 2.00