

Area of Interest: Public Safety and Legal Studies

## Bachelor of Public Safety (Honours)(Co-op)

Honours Degree

Program Code: 1600B03FWO

4 Year(s)

Ottawa Campus

### Our Program

**Explore a challenging and rewarding career in the evolving field of public safety.**

The four-year Bachelor of Public Safety (Honours) degree program imparts the theory and hands-on instruction allowing you to develop a systematic approach to public safety to counter, coordinate and investigate man-made and natural threats to individuals, information systems security, critical infrastructure, organizations, companies, and governments.

You learn the proven and sound principles of public safety within the context of Canadian legislation. Theoretical and experiential courses, combined with applied research and co-op work terms, provide you with work-integrated learning opportunities, as well as the opportunity to develop and build investigative and analytical problem-solving skills. You develop inter-professional capabilities using a collaborative approach to addressing public safety situations.

Students also gain real-world experience through a paid co-operative education (co-op) work term(s) (see Additional Information for more details). Please note that places in the co-op work term(s) are subject to availability and academic eligibility. Please note admission to a co-op program does not guarantee a co-op placement.

This program prepares you for positions in the field of public safety encompassing security, countering crime, and emergency management. Graduates may find public safety employment opportunities in policing and the military, as well as various public and private sector organizations, government and non-profit organizations.

### Employment

Graduates are prepared for positions as coordinators and specialists in public safety including areas of national security, emergency management and countering crime. Students develop skills, knowledge and expertise in areas such as threat-risk assessment, information systems security, emergency management and crime prevention. Through experiential learning such as case studies and simulations, students develop a holistic approach to leadership to counter and manage man-made and natural threats to individuals, information, systems, critical infrastructure, organizations, companies, governments and nations. Students utilize theoretical and applied knowledge and skills with community partners in the government and private sector through two co-op work terms.

### Learning Outcomes

The graduate has reliably demonstrated the ability to:

- Design, apply and validate security, emergency and business continuity measures conforming to current industry practices.
- Investigate, document and report security related incidents in accordance with accepted investigative practices.
- Comply with established national, provincial and local laws, legislation, policies, and professional and ethical standards pertaining to public safety.
- Analyze and interpret security related case scenarios using quantitative and qualitative research methods.
- Develop and communicate plans and recommendations that integrate the results of research,

- Develop and communicate plans and recommendations that integrate the results of research, assessment and investigations.
- Adopt and use information technologies in accordance with current industry standards.
- Use strategic leadership and critical thinking in professional roles and in decision-making contexts.
- Develop operational threat mitigation strategies consistent with a fact-based assessment of geo-political trends.
- Respond to emerging situations using the principles of crisis management.
- Develop public safety strategies that synthesize current scholarly thinking and emerging trends in the field.
- Lead personnel and manage facilities while applying standard business practices.
- Design, implement, manage and evaluate security awareness education initiatives.
- Adapt to changes in employment requirements through the development, implementation and updating of professional and personal development plans.
- Work with diverse stakeholders and populations.
- Work with other professionals by applying the principles of inter-professional practice.
- Research and analyze human behaviour within the broader context of social trends in today's society consistent with current scholarly thinking.
- Identify and apply discipline-specific practices that contribute to the local and global community through social responsibility, economic commitment and environmental stewardship.

## Program of Study

Level: 01	Courses	Hours
ENL1100	Communications and Academic Writing	42.0
SEC1000	Introduction to Public Safety Protection	42.0
SEC1001	Principles and Practice of Emergency Management	42.0
SEC1008	Public Safety Policy	42.0
SEC1023	Legislative Applications and Policies in Security and Emergency Management	42.0
Level: 02	Courses	Hours
ITS0001	Information Technology Systems	42.0
PHI1000	Logic and Critical Thinking	56.0
SEC1004	Critical Infrastructure Protection	42.0
SEC1017	Hazard Risk Management	42.0
SOC2006	Sociology of Disaster	42.0
Level: 03	Courses	Hours
GEP1001	Cooperative Education and Job Readiness	21.0

ISS0001	Information Technology Security Concepts	42.0
PHI2002	Ethical Decision Making	42.0
SEC0012	Introduction to Organized Crime	42.0
SEC1005	Principles and Practice of Natural Hazard Mitigation	42.0
<b>Level: 04</b>	<b>Courses</b>	<b>Hours</b>
ENL0112	Crisis Communications	42.0
GEP2001	Co-Op Job Search 1	21.0
ISS0002	Information Technology Security Design	42.0
SEC1009	Incident Management Systems	42.0
SEC1014	Business Crisis and Continuity Management	42.0
<b>Elective: choose 1</b>	<b>Courses</b>	<b>Hours</b>
BIO2200	Botany	56.0
ECO2000	Environmental Economics	42.0
FLS3101	French as a Second Language-Beginner 1	42.0
FLS3102	French as a Second Language-Beginner 2	42.0
GED2300	Indigenous Self-Representation in Contemporary Canadian Culture	42.0
GEO2300	Principles of Urban Planning	56.0
LAN3101	Spanish-Beginner 1	42.0
LAN3102	Spanish-Beginner 2	42.0
LAW2014	Law	42.0
PSI2000	Navigating Canada's Political Landscape	56.0
PSY2100	Introductory Psychology	42.0
SCI2000	Environmental Science	42.0
SOC2001	Anti-Racism: Theory and Practice	42.0
<b>Co-op: 01</b>	<b>Courses</b>	<b>Hours</b>
WKT0015	Co-Op Work Term I	0.0
<b>Level: 05</b>	<b>Courses</b>	<b>Hours</b>
BUS0005	Facility Management	42.0
GIS0006	Introduction to Spatial Analysis for Public Safety	42.0
INV0006	Introduction to Public Safety Intelligence and Investigation	42.0
SEC1012	Awareness and Training	42.0
<b>Elective: choose 1</b>	<b>Courses</b>	<b>Hours</b>

BIO2200	Botany	56.0
ECO2000	Environmental Economics	42.0
FLS3101	French as a Second Language-Beginner 1	42.0
FLS3102	French as a Second Language-Beginner 2	42.0
GED2300	Indigenous Self-Representation in Contemporary Canadian Culture	42.0
GEO2300	Principles of Urban Planning	56.0
LAN3101	Spanish-Beginner 1	42.0
LAN3102	Spanish-Beginner 2	42.0
LAW2014	Law	42.0
PSI2000	Navigating Canada's Political Landscape	56.0
PSY2100	Introductory Psychology	42.0
SCI2000	Environmental Science	42.0
SOC2001	Anti-Racism: Theory and Practice	42.0
<b>Level: 06</b>	<b>Courses</b>	<b>Hours</b>
GIS0012	Applied Spatial Analysis for Public Safety	42.0
SEC1003	Terrorism and Weapons of Mass Destruction	42.0
SEC1016	Management of Crises	42.0
SEC1021	Emergency Planning and Exercise Management	42.0
<b>Elective: choose 1</b>	<b>Courses</b>	<b>Hours</b>
CUL4000	Global Citizenship	42.0
ENL4016	World Literature	42.0
ENL4100	Creative Writing	42.0
ENL4200	New Worlds and Alternative Realities: Speculative Fiction	42.0
PHI4000	Philosophy and Popular Culture	42.0
PHI4002	The Philosophy of Drugs	42.0
PHI4003	The Philosophy of Love and Sex	42.0
PHI4100	Survival in the Information Age: Risk and the Media	42.0
PHY4000	Black Holes, Big Bangs and the Cosmos	42.0
POL4000	Political Economy	42.0
SOC4001	Global Perspectives	42.0
<b>Level: 07</b>	<b>Courses</b>	<b>Hours</b>
QUA2001	Statistics for the Social Sciences	42.0

SEC1007	Counter Economic Espionage	42.0
SEC1013	Emerging Issues in Emergency Management - Special Projects	42.0
SEC1018	Public Safety and Emergency Management Operations	42.0
SEC1019	Security Systems Management and Planning	42.0
WKT0014	Career Preparation in Public Safety	28.0
<b>Elective: choose 1 Courses</b>		<b>Hours</b>
CUL4000	Global Citizenship	42.0
ENL4016	World Literature	42.0
ENL4100	Creative Writing	42.0
ENL4200	New Worlds and Alternative Realities: Speculative Fiction	42.0
PHI4000	Philosophy and Popular Culture	42.0
PHI4002	The Philosophy of Drugs	42.0
PHI4003	The Philosophy of Love and Sex	42.0
PHI4100	Survival in the Information Age: Risk and the Media	42.0
PHY4000	Black Holes, Big Bangs and the Cosmos	42.0
POL4000	Political Economy	42.0
SOC4001	Global Perspectives	42.0
<b>Level: 08</b>	<b>Courses</b>	<b>Hours</b>
MGT0094	Strategic Leadership and Decision-Making	42.0
SEC0016	Emerging Issues in Emergency Management - Applied Research	42.0
SEC1020	Threat Risk Assessment Practicum	42.0
SEC1022	Security Systems Management and Design	42.0
<b>Elective: choose 1 Courses</b>		<b>Hours</b>
CUL4000	Global Citizenship	42.0
ENL4016	World Literature	42.0
ENL4100	Creative Writing	42.0
ENL4200	New Worlds and Alternative Realities: Speculative Fiction	42.0
PHI4000	Philosophy and Popular Culture	42.0
PHI4002	The Philosophy of Drugs	42.0
PHI4003	The Philosophy of Love and Sex	42.0
PHI4100	Survival in the Information Age: Risk and the Media	42.0
PHY4000	Black Holes, Big Bangs and the Cosmos	42.0

POL4000	Political Economy	42.0
SOC4001	Global Perspectives	42.0

## Fees for the 2025/2026 Academic Year

Tuition and related ancillary fees for this program can be viewed by using the Tuition and Fees Estimator tool at <http://www.algonquincollege.com/fee-estimator>

Further information on fees can be found by visiting the Registrar's Office website at <http://www.algonquincollege.com/ro>

Fees are subject to change.

Additional program related expenses include:

Books and supplies cost approximately \$2,500 over the course of the program.

## Admission Requirements for the 2026/2027 Academic Year

### College Eligibility

- Ontario Secondary School Diploma (OSSD) or equivalent
- Mature students are applicants who have not achieved the Ontario Secondary School Diploma (OSSD) or its equivalent and who are at least 19 years of age on or before the commencement of the program in which they intend to enroll. Mature students applying for Degree programs satisfy College Eligibility by having demonstrated academic abilities equivalent to those of Ontario high school graduates, verified by successful completion of at least one full-time term at the post-secondary level (minimum five courses taken concurrently in an academic program of study).

### Program Eligibility

- Six Grade 12 university (U) or university/college (M) courses with a minimum 65% average including:
- One Grade 12 U English, with a minimum of 60%
- One Grade 11 U or M Math, with a minimum of 60%
- Please note that mature students must meet the following subject-specific Program Eligibility requirements, either directly or through equivalencies:

## Admission Requirements for 2025/2026 Academic Year

### College Eligibility

- Ontario Secondary School Diploma (OSSD) or equivalent.
- Mature students are applicants who have not achieved the Ontario Secondary School Diploma (OSSD) or its equivalent and who are at least 19 years of age on or before the commencement of the program in which they intend to enroll. Mature students applying for Degree programs satisfy College Eligibility by having demonstrated academic abilities equivalent to those of Ontario high school graduates, verified by successful completion of at least one full-time term at the post-secondary level (minimum five courses taken concurrently in an academic program of study).

### Program Eligibility

- Six Grade 12 university (U) or university/college (M) courses with a minimum 65% average including:
- One Grade 11 U or M Math, with a minimum of 60%.

- Please note that mature students must meet the following subject-specific Program Eligibility requirements, either directly or through equivalencies:

## Application Information

### **BACHELOR OF PUBLIC SAFETY (HONOURS)** **Program Code 1600B03FWO**

Applications to full-time day programs must be submitted with official transcripts showing completion of the academic admission requirements through:

ontariocolleges.ca  
60 Corporate Court  
Guelph, Ontario  
N1G 5J3  
1-888-892-2228

Students currently enrolled in an Ontario secondary school should notify their Guidance Office prior to their online application at <http://www.ontariocolleges.ca/>. Applications for Fall Term and Winter Term admission received by February 1 will be given equal consideration. Applications received after February 1 will be processed on a first-come, first-served basis as long as places are available.

International applicants please visit this link for application process information:  
<https://algonquincollege.my.site.com/myac360/s/self-registration-page>.

For further information on the admissions process, contact:

Registrar's Office  
Algonquin College  
1385 Woodroffe Ave  
Ottawa, ON K2G 1V8  
Telephone: 613-727-0002  
Toll-free: 1-800-565-4723  
TTY: 613-727-7766  
Fax: 613-727-7632  
Contact: <https://www.algonquincollege.com/ro>

## Additional Information

Algonquin College has been granted consent by the Minister of Colleges and Universities to offer this applied degree for a seven-year term starting March 28, 2024. The College shall ensure that all students admitted to the above-named program during the period of consent have the opportunity to complete the program within a reasonable timeframe.

### **CO-OP INFORMATION**

Co-operative education (Co-op) allows students to integrate their classroom learning with a real-world experience through paid work terms. Two academic terms prior to the cooperative education work term, students are required to actively participate in and successfully complete the self-directed co-op course, readiness activities and workshops.

Students must actively conduct a guided, self-directed job search and are responsible for securing approved program-related paid co-op employment. Students compete for co-op positions alongside students from Algonquin College and other Canadian and international colleges and universities. Algonquin College's Co-op Department provides assistance in developing co-op job opportunities and guides the overall process, but does not guarantee that a student will obtain employment in a co-op work term. Co-op students may be required to relocate to take part in the co-op employment opportunities available in their industry and must cover all associated expenses; e.g., travel, work permits, visa applications, accommodation and all other incurred expenses.

Co-op work terms are typically 14 weeks in duration and are completed during a term when students are not taking courses. For more information on your program's co-op level(s), visit the courses tab on your program's webpage.

International students enrolled in a co-op program are required by Immigration, Refugees and Citizenship Canada (IRCC) to have a valid Co-op/Internship Work Permit prior to commencing their work term. Without this document International students are not legally eligible to engage in work



in Canada that is part of an academic program. The Co-op/Internship Work Permit does not authorize international students to work outside the requirements of their academic program.

In the event a student is unable to secure a co-op work opportunity, the student may be provided with an alternative work-integrated learning experience that ensures the program learning outcomes are achieved.

For more information on co-op programs, the co-op work/study schedule, as well as general and program-specific co-op eligibility criteria, please visit [algonquincollege.com/coop](http://algonquincollege.com/coop). In the event a student is unable to secure a co-op work opportunity, the student may be provided with an alternative work-integrated learning experience that ensures the program learning outcomes are achieved.

Completion of the total number of co-op work terms listed under the courses section on the program page are mandatory for graduation. Co-op students must make every effort to remain on schedule and participate in co-op work terms as planned. Students who fail to complete co-op work terms as scheduled may be required to take an unscheduled break in their studies, resulting in a delay in graduation in order to complete their co-op at a later date. Taking an unscheduled break in studies can impact an international student's immigration status, including, in most cases, the ability to work. International students are advised to consult with the International Education Centre to understand the potential implications of unscheduled breaks at <https://www.algonquincollege.com/international/student-handouts/scheduled-unscheduled-breaks>

## **PROGRAM STRUCTURE**

### **Contact Information**

#### **Program Coordinator(s)**

- Mario D'Angelo, <mailto:dangelm@algonquincollege.com> , 613-727-4723, ext. 5063

### **Course Descriptions**

#### **BIO2200 Botany**

Biologists with an interest in plant life may choose to specialize in botany. Beginning with the organic features of life, focusing on plants, students investigate the diversity of plant life and the basis for distinction amongst various species. With a deeper knowledge of plant structures and variability, students consider the impact of plants in the modern world, including human interactions such as food production, building materials and medicine.

Prerequisite(s): none

Corerequisite(s):none

#### **BIO2200 Botany**

Biologists with an interest in plant life may choose to specialize in botany. Beginning with the organic features of life, focusing on plants, students investigate the diversity of plant life and the basis for distinction amongst various species. With a deeper knowledge of plant structures and variability, students consider the impact of plants in the modern world, including human interactions such as food production, building materials and medicine.

Prerequisite(s): none

Corerequisite(s):none

#### **BUS0005 Facility Management**

Crisis and continuity management have become increasingly critical areas of competence for public safety professionals in the private and public sectors. Students explore concepts relating to emergency and crisis management, contingency planning, and organizational continuity. In addition, recovery issues facing a private sector organization in its internal operations and interface with the public sector safety and emergency management community are explored. Basic skills, knowledge elements, and concepts are identified, discussed, developed, integrated and applied.



Prerequisite(s): none  
Corerequisite(s):none

**CUL4000 Global Citizenship**

Informed citizens in today's world appreciate the meaning of civic life at the local, national and global level. Students reflect on and develop a personal awareness of the meaning of freedoms, rights and obligations in a diverse global community and consider the political, social and economic drivers that influence patterns of human behaviour and the health of the planet. Based on general principles of global citizenship, students look beyond national borders to assess personal responsibilities related to the health and well-being of the planet and inhabitants. Students critically evaluate information related to environmental and social health, equipped with attitudes and behaviours that foster global environmental and social responsibility.

Prerequisite(s): ENL1100 and PHI1000  
Corerequisite(s):none

**CUL4000 Global Citizenship**

Informed citizens in today's world appreciate the meaning of civic life at the local, national and global level. Students reflect on and develop a personal awareness of the meaning of freedoms, rights and obligations in a diverse global community and consider the political, social and economic drivers that influence patterns of human behaviour and the health of the planet. Based on general principles of global citizenship, students look beyond national borders to assess personal responsibilities related to the health and well-being of the planet and inhabitants. Students critically evaluate information related to environmental and social health, equipped with attitudes and behaviours that foster global environmental and social responsibility.

Prerequisite(s): ENL1100 and PHI1000  
Corerequisite(s):none

**CUL4000 Global Citizenship**

Informed citizens in today's world appreciate the meaning of civic life at the local, national and global level. Students reflect on and develop a personal awareness of the meaning of freedoms, rights and obligations in a diverse global community and consider the political, social and economic drivers that influence patterns of human behaviour and the health of the planet. Based on general principles of global citizenship, students look beyond national borders to assess personal responsibilities related to the health and well-being of the planet and inhabitants. Students critically evaluate information related to environmental and social health, equipped with attitudes and behaviours that foster global environmental and social responsibility.

Prerequisite(s): ENL1100 and PHI1000  
Corerequisite(s):none

**ECO2000 Environmental Economics**

Issues pertaining to the environment have a major financial impact on society and government. Environmental economics examines the way human decisions affect the quality of the environment, how human values and institutions shape our demands for improvements in the quality and about designing effective public policies to bring about these improvements. Students examine problems and solutions relating to environmental policy analysis in the Canadian context.

Prerequisite(s): none  
Corerequisite(s):none

**ECO2000 Environmental Economics**

Issues pertaining to the environment have a major financial impact on society and government. Environmental economics examines the way human decisions affect the quality of the environment, how human values and institutions shape our demands for improvements in the quality and about designing effective public policies to bring about these improvements. Students examine problems and solutions relating to environmental policy analysis in the Canadian context.

Prerequisite(s): none  
Corerequisite(s):none

**ENL0112 Crisis Communications**

Crisis communication is essential to the effective coordination of all responders to disaster response activities. Students develop comprehensive knowledge and practical skills to navigate and communicate in complex emergency and disaster scenarios in the Canadian and global environment. Students explore various communication responses to an array of crises, from natural, technological and human-caused disasters to public health and security emergencies. Students practise crafting and disseminating clear, timely, and empathetic messages across diverse media platforms while considering cultural sensitivities and legal frameworks. Through real-world case studies and interactive simulations, students develop a deep understanding of crisis communication strategies, stakeholder engagement, risk assessment, and the vital role of communication in minimizing the impact of disasters and fostering community resilience.

Prerequisite(s): none  
Corerequisite(s):none

**ENL1100 Communications and Academic Writing**

Effective communication is an integral component of success in the workplace and in lifelong learning. Students review communication theory and its connection to expository writing. Frequent writing exercises encourage the development of content that is coherent, well organized and correct. Students consider and use strategies to generate ideas, to collect and organize information, to acknowledge sources, to identify and develop a thesis and to adapt format, style and tone for different purposes and audiences.

Prerequisite(s): none  
Corerequisite(s):none

**ENL4016 World Literature**

Exposure to broad sources of literature promotes an open-minded perspective on today's global society and encourages an appreciation of diversity and human differences. In World Literature, students explore key literary works from around the world and examine the socio-historical and cultural contexts in which authors wrote and set these texts. Students learn to identify common themes and apply literary and cultural theory to these works towards expanding critical thinking skills and developing an analytical vocabulary. Through seminar presentations, group discussions, debates, journaling, and creative writing, students grapple with literary representations of social, political, and cultural issues from around the world, gaining an appreciation of what it means to be responsible global citizens and possess the ability to listen to, question, and value diverse perspectives.

Prerequisite(s): ENL1100  
Corerequisite(s):none

**ENL4016 World Literature**

Exposure to broad sources of literature promotes an open-minded perspective on today's global society and encourages an appreciation of diversity and human differences. In World Literature, students explore key literary works from around the world and examine the socio-historical and cultural contexts in which authors wrote and set these texts. Students learn to identify common themes and apply literary and cultural theory to these works towards expanding critical thinking skills and developing an analytical vocabulary. Through seminar presentations, group discussions, debates, journaling, and creative writing, students grapple with literary representations of social, political, and cultural issues from around the world, gaining an appreciation of what it means to be responsible global citizens and possess the ability to listen to, question, and value diverse perspectives.

Prerequisite(s): ENL1100  
Corerequisite(s):none

**ENL4016 World Literature**

Exposure to broad sources of literature promotes an open-minded perspective on today's global society and encourages an appreciation of diversity and human differences. In World Literature, students explore key literary works from around the world and examine the socio-historical and cultural contexts in which authors wrote and set these texts. Students learn to identify common themes and apply literary and cultural theory to these works towards expanding critical thinking skills and developing an analytical vocabulary. Through seminar presentations, group discussions, debates, journaling, and creative writing, students grapple with literary representations of social, political, and cultural issues from around the world, gaining an appreciation of what it means to be responsible global citizens and possess the ability to listen to, question, and value diverse perspectives.

Prerequisite(s): ENL1100  
Corerequisite(s):none

**ENL4100 Creative Writing**

Whether for personal or public consumption, many people enjoy writing short fiction to express their creative energy while improving upon their overall writing abilities. Working with professional short stories as models, students examine the stylistic components that contribute to the excitement, atmosphere, and overall readability of short fiction. Students share their work and provide formal feedback on the work of others.

Prerequisite(s): ENL1100  
Corerequisite(s):none

**ENL4100 Creative Writing**

Whether for personal or public consumption, many people enjoy writing short fiction to express their creative energy while improving upon their overall writing abilities. Working with professional short stories as models, students examine the stylistic components that contribute to the excitement, atmosphere, and overall readability of short fiction. Students share their work and provide formal feedback on the work of others.

Prerequisite(s): ENL1100  
Corerequisite(s):none

**ENL4100 Creative Writing**

Whether for personal or public consumption, many people enjoy writing short fiction to express their creative energy while improving upon their overall writing abilities. Working with professional short stories as models, students examine the stylistic components that contribute to the excitement, atmosphere, and overall readability of short fiction. Students share their work and provide formal feedback on the work of others.

Prerequisite(s): ENL1100  
Corerequisite(s):none

**ENL4200 New Worlds and Alternative Realities: Speculative Fiction**

Speculative fiction gathers together all those works of fiction in which new worlds or alternative realities are envisioned. Within this category of prose, students have the opportunity to explore the various sub-genres that present readers with new ways of thinking about some of the issues that face society. Students also develop skills in critical analysis using a variety of approaches and methodologies from literary studies.

Prerequisite(s): none  
Corerequisite(s):none

**ENL4200 New Worlds and Alternative Realities: Speculative Fiction**

Speculative fiction gathers together all those works of fiction in which new worlds or alternative

realities are envisioned. Within this category of prose, students have the opportunity to explore the various sub-genres that present readers with new ways of thinking about some of the issues that face society. Students also develop skills in critical analysis using a variety of approaches and methodologies from literary studies.

Prerequisite(s): none  
Corerequisite(s):none

### **ENL4200 New Worlds and Alternative Realities: Speculative Fiction**

Speculative fiction gathers together all those works of fiction in which new worlds or alternative realities are envisioned. Within this category of prose, students have the opportunity to explore the various sub-genres that present readers with new ways of thinking about some of the issues that face society. Students also develop skills in critical analysis using a variety of approaches and methodologies from literary studies.

Prerequisite(s): none  
Corerequisite(s):none

### **FLS3101 French as a Second Language-Beginner 1**

The French language is an asset when communicating in the workplace. Students with no prior knowledge of French acquire basic forms and structures to interact and communicate in a simple way with French speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples support students to gain basic oral expression and comprehension using simple phrases that develop vocabulary, pronunciation, and comprehension. Students begin to appreciate cultural and linguistic differences when French is used in the workplace.

Prerequisite(s): none  
Corerequisite(s):none

### **FLS3101 French as a Second Language-Beginner 1**

The French language is an asset when communicating in the workplace. Students with no prior knowledge of French acquire basic forms and structures to interact and communicate in a simple way with French speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples support students to gain basic oral expression and comprehension using simple phrases that develop vocabulary, pronunciation, and comprehension. Students begin to appreciate cultural and linguistic differences when French is used in the workplace.

Prerequisite(s): none  
Corerequisite(s):none

### **FLS3102 French as a Second Language-Beginner 2**

The workplace benefits from having professionals with knowledge of the French language. Students with basic knowledge of French gain more control over forms and structures to interact and communicate in a simple way with French speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples provide students with opportunities to enhance their basic oral expression and comprehension using simple phrases that further develop vocabulary, pronunciation, and comprehension. Students deepen their knowledge of cultural and linguistic differences of French in the workplace.

Prerequisite(s): none  
Corerequisite(s):none

### **FLS3102 French as a Second Language-Beginner 2**

The workplace benefits from having professionals with knowledge of the French language. Students with basic knowledge of French gain more control over forms and structures to interact and communicate in a simple way with French speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples provide students with opportunities to enhance their basic oral expression and comprehension using simple phrases that further develop

vocabulary, pronunciation, and comprehension. Students deepen their knowledge of cultural and linguistic differences of French in the workplace.

Prerequisite(s): none

Corerequisite(s):none

### **GED2300 Indigenous Self-Representation in Contemporary Canadian Culture**

Historically, Indigenous peoples and their cultures have been dramatically misrepresented and stereotyped in Canadian literature, music, visual arts, film, and television as a result of ongoing attempts to colonize, marginalize, romanticize, and assimilate them. Starting with an historical overview of the oppressive act of misrepresenting, appropriating, and stereotyping Indigenous peoples and their cultures in Canada, students explore how contemporary Indigenous artists have responded to these misrepresentations by subverting, critiquing, challenging, and changing the representations of Indigenous peoples and their cultures in their own artistic works. Significant works of contemporary literature, music, visual arts, film, and television created by contemporary Indigenous artists who give voice to their experiences in Canada serve as the basis for critical analysis and creative reflection on the processes of self-representation and cultural reclamation of Indigenous voices and identity in Canada.

Prerequisite(s): none

Corerequisite(s):none

### **GED2300 Indigenous Self-Representation in Contemporary Canadian Culture**

Historically, Indigenous peoples and their cultures have been dramatically misrepresented and stereotyped in Canadian literature, music, visual arts, film, and television as a result of ongoing attempts to colonize, marginalize, romanticize, and assimilate them. Starting with an historical overview of the oppressive act of misrepresenting, appropriating, and stereotyping Indigenous peoples and their cultures in Canada, students explore how contemporary Indigenous artists have responded to these misrepresentations by subverting, critiquing, challenging, and changing the representations of Indigenous peoples and their cultures in their own artistic works. Significant works of contemporary literature, music, visual arts, film, and television created by contemporary Indigenous artists who give voice to their experiences in Canada serve as the basis for critical analysis and creative reflection on the processes of self-representation and cultural reclamation of Indigenous voices and identity in Canada.

Prerequisite(s): none

Corerequisite(s):none

### **GEO2300 Principles of Urban Planning**

Increasingly cities and communities are feeling the pressure of expansion, and people from all walks of life feel disconnected from the processes, procedures, and decisions that are affecting everyday life. Students consider urban transformation with a focus on practicing sustainability by exploring innovations in land use, transportation, resource planning and economic development, resulting in employment opportunities, as well as healthy and vibrant cities. Students use local and regional activities as a starting point for developing a knowledge base for future social and community involvement. Research projects and assignments encourage students to identify the gaps between theoretical approaches to urban planning and the practical applications as evidenced in their local surroundings.

Prerequisite(s): none

Corerequisite(s):none

### **GEO2300 Principles of Urban Planning**

Increasingly cities and communities are feeling the pressure of expansion, and people from all walks of life feel disconnected from the processes, procedures, and decisions that are affecting everyday life. Students consider urban transformation with a focus on practicing sustainability by exploring innovations in land use, transportation, resource planning and economic development, resulting in employment opportunities, as well as healthy and vibrant cities. Students use local and regional activities as a starting point for developing a knowledge base for future social and community involvement. Research projects and assignments encourage students to identify the



gaps between theoretical approaches to urban planning and the practical applications as evidenced in their local surroundings.

Prerequisite(s): none  
Corerequisite(s):none

### **GEP1001 Cooperative Education and Job Readiness**

Students are guided through a series of activities that prepare them to conduct a professional job search and succeed in the workplace. Through a detailed orientation students learn the cooperative education program policies and procedures related to searching and securing a work term opportunity. Students identify their strengths and transferable skills and participate in workshop-style sessions that focus on cover letter and resume development, interview techniques and job search strategies. Students learn how to navigate a web-based resource centre, which is used to post employment and cooperative education job opportunities. Students reflect on workplace success, ethics and responsibilities.

Prerequisite(s): none  
Corerequisite(s):none

### **GEP2001 Co-Op Job Search 1**

Students are guided through a self-directed co-op job search using Algonquin's web-based resource centre, HireAC, as well as independent resources. Students will access information on key job search processes, including Co-op and Career Centre job search procedures and how to declare a self-developed job that meets co-op guidelines. Students will apply and further develop their knowledge on networking, interview techniques and job search strategies to improve their chances of success in securing co-op employment through a competitive job search process. Additional support is provided through individual coaching and group sessions, including job application reviews, mock interviews and assistance for students experiencing unique employment challenges.

Prerequisite(s): none  
Corerequisite(s):none

### **GIS0006 Introduction to Spatial Analysis for Public Safety**

Aspects of spatial analysis are applied daily, using diverse tools - from smartphones to state-of-the-art technology - to help manage natural disasters. Spatial analysis provides its users with the ability to visualize, organize, as well as analyze data in order to extract pertinent and valuable information. Students familiarize themselves with basic theoretical concepts and hands-on application of spatial analysis. Main themes explored are cartographic representation, key elements of geographic/spatial analysis, plus the querying, management, and sharing of spatial information.

Prerequisite(s): none  
Corerequisite(s):none

### **GIS0012 Applied Spatial Analysis for Public Safety**

Advanced Spatial Analysis skills are essential for Public Safety management professionals. Students explore the various aspects of advanced spatial analysis methods and tools that help address related practical issues. Through projects, students formulate interest-based spatial questions relating to public safety and design appropriate spatial information products to meet stakeholder needs.

Prerequisite(s): GIS0006  
Corerequisite(s):none

### **INV0006 Introduction to Public Safety Intelligence and Investigation**

Conducting effective investigations and interviews in the application of intelligence analysis supports public safety and national security. Through an introduction to the theories, principles and practices of public safety intelligence, investigation, and interviewing, students explore the

practical application of intelligence analysis in the context of public safety and national security. Focus is on the intelligence cycle, including the collection, analysis, and dissemination of intelligence data. Students examine various intelligence sources, tools, and technologies used in the intelligence analysis process. Students explore the basics of investigation and interviewing methods for effective interactions with witnesses, victims, and suspects, and how to use interviews to gather intelligence and support investigations. Students gain a comprehensive understanding of the interconnectedness of public safety intelligence, investigation, and interviewing.

Prerequisite(s): SEC1023

Corerequisite(s):none

### **ISS0001 Information Technology Security Concepts**

Threats to information technology (IT) systems and networks are of great concern to governments, businesses and individuals. Each new electronic device brings weaknesses that may be exploited. Without effective counter measures and safeguards, the effects range from inconvenience to the crippling of a nation's ability to function. Students explore common threats, vulnerabilities and asset sensitivities. Through the concepts of confidentiality, integrity and availability students examine information collection, classification and issue management in relation to IT systems to develop a critical understanding of the public safety professional's responsibilities and appropriate interaction with technical personnel and systems.

Prerequisite(s): none

Corerequisite(s):none

### **ISS0002 Information Technology Security Design**

Security policy, awareness and procedures are as essential for protecting IT as security hardware and software. Students develop Threat Risk Assessments to determine the required level of system security. From these assessments, a recommendation is derived for a security design for a targeted IT system using applied technical measures and management techniques. In a group format, students develop integrated security system requirements in an environment that replicates situations in the workplace.

Prerequisite(s): none

Corerequisite(s):none

### **ITS0001 Information Technology Systems**

A basic understanding of Information Technology (IT) systems and networks and how they function in the workplace is essential for the application of IT security and security systems. Students familiarize themselves with terminology and concepts related to computer networks, computer architecture (including functional hardware as well as software components), Local Area Networks (LAN) and Internet networking. Students identify the requirements of a resilient network structure including layered communications and IP addressing to industry standards.

Prerequisite(s): none

Corerequisite(s):none

### **LAN3101 Spanish-Beginner 1**

The Spanish language is an asset when communicating in the workplace. Students with no prior knowledge of Spanish acquire basic forms and structures to interact and communicate in a simple way with Spanish speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples support students to gain basic oral expression and comprehension using simple phrases that develop vocabulary, pronunciation, and comprehension. Students begin to appreciate cultural and linguistic differences when Spanish is used in the workplace.

Prerequisite(s): none

Corerequisite(s):none

### **LAN3101 Spanish-Beginner 1**



The Spanish language is an asset when communicating in the workplace. Students with no prior knowledge of Spanish acquire basic forms and structures to interact and communicate in a simple way with Spanish speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples support students to gain basic oral expression and comprehension using simple phrases that develop vocabulary, pronunciation, and comprehension. Students begin to appreciate cultural and linguistic differences when Spanish is used in the workplace.

Prerequisite(s): none

Corerequisite(s):none

### **LAN3102 Spanish-Beginner 2**

The workplace benefits from having professionals with knowledge of the Spanish language. Students with basic knowledge of Spanish gain more control over forms and structures to interact and communicate in a simple way with Spanish speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples provide students with opportunities to enhance their basic oral expression and comprehension using simple phrases that further develop vocabulary, pronunciation, and comprehension. Students deepen their knowledge of cultural and linguistic differences of Spanish in the workplace.

Prerequisite(s): none

Corerequisite(s):none

### **LAN3102 Spanish-Beginner 2**

The workplace benefits from having professionals with knowledge of the Spanish language. Students with basic knowledge of Spanish gain more control over forms and structures to interact and communicate in a simple way with Spanish speakers. Class instruction and practice, repeated feedback, and exposure to a variety of language samples provide students with opportunities to enhance their basic oral expression and comprehension using simple phrases that further develop vocabulary, pronunciation, and comprehension. Students deepen their knowledge of cultural and linguistic differences of Spanish in the workplace.

Prerequisite(s): none

Corerequisite(s):none

### **LAW2014 Law**

The reach of the rule of law extends into our lives on a daily basis. As much as it is present in our lives, very few people are aware of the processes, procedures and theories that guide and underpin the development and maintenance of a functional legal system. With attention to key historical figures and events, students explore the scope, jurisdiction, and key concepts of the sub-disciplines within the field of law. Through an introduction to legal arguments and methodologies, students distinguish between various legal systems and wrestle with the difference between law and justice.

Prerequisite(s): none

Corerequisite(s):none

### **LAW2014 Law**

The reach of the rule of law extends into our lives on a daily basis. As much as it is present in our lives, very few people are aware of the processes, procedures and theories that guide and underpin the development and maintenance of a functional legal system. With attention to key historical figures and events, students explore the scope, jurisdiction, and key concepts of the sub-disciplines within the field of law. Through an introduction to legal arguments and methodologies, students distinguish between various legal systems and wrestle with the difference between law and justice.

Prerequisite(s): none

Corerequisite(s):none

In a highly complex security environment, it is imperative that public safety and emergency preparedness managers understand the dynamics of good decision-making. In an emergency situation, information is often proven wrong or is incomplete. Students analyze historical events to develop an understanding as to how states and organizations have responded to crisis situations and how leadership decisions affected outcomes. Students use a framework for leadership and decision-making in case scenarios to develop their understanding of leadership, styles of leadership in the public and private sectors, and techniques to promote effective decision-making.

Prerequisite(s): none

Corerequisite(s):none

### **PHI1000 Logic and Critical Thinking**

Logic and critical-thinking skills play an important role in both daily life and ongoing academic studies. As foundational skills, they support both the development and assessment of ideas, concepts and courses of action that are presented on a daily basis. Approaching the subject from both a practical and theoretical perspective, students hone their skills in analysis, argumentation, reasoning and persuasion. A range of topics and thinkers provide material with which students can exercise and apply their skills.

Prerequisite(s): none

Corerequisite(s):none

### **PHI2002 Ethical Decision Making**

To avoid potential prosecution, companies and their employees are well-advised to engage in ethical decision-making practices in all business situations. Students examine ethical concepts and principles, compare a variety of ethical decision-making models and utilize these principles and models to make ethically sound decisions in a variety of contexts. Students also design a code of ethics, practice making ethically-based decisions and develop the analytical skills required to recognize, evaluate and resolve ethical dilemmas in the workplace.

Prerequisite(s): PHI1000

Corerequisite(s):none

### **PHI4000 Philosophy and Popular Culture**

Many facets of today's popular culture engage, directly or indirectly, with the concerns of a variety of philosophical traditions. Drawing on a number of examples, students explore both the way popular culture permeates and spreads through society and the way it interprets and presents philosophical questions. Students develop skills and techniques for assessing the soundness and validity of thought experiments.

Prerequisite(s): PHI1000

Corerequisite(s):none

### **PHI4000 Philosophy and Popular Culture**

Many facets of today's popular culture engage, directly or indirectly, with the concerns of a variety of philosophical traditions. Drawing on a number of examples, students explore both the way popular culture permeates and spreads through society and the way it interprets and presents philosophical questions. Students develop skills and techniques for assessing the soundness and validity of thought experiments.

Prerequisite(s): PHI1000

Corerequisite(s):none

### **PHI4000 Philosophy and Popular Culture**

Many facets of today's popular culture engage, directly or indirectly, with the concerns of a variety of philosophical traditions. Drawing on a number of examples, students explore both the way popular culture permeates and spreads through society and the way it interprets and presents philosophical questions. Students develop skills and techniques for assessing the soundness and

validity of thought experiments.

Prerequisite(s): PHI1000

Corerequisite(s):none

### **PHI4002 The Philosophy of Drugs**

Drugs are everywhere: professionals prescribe them to us to make us "better"; we take them recreationally; we give them to our children, pets and other loved ones; we buy them on the streets and in grocery stores. What are "drugs"? Why are some drugs legal and others not? How do drugs get to market? What ethical issues are relevant in a global drug industry? Are current intellectual property regimes appropriate if the goal of drug research is to promote benefits to society? Students critically examine these, and other, questions through the lens of historical and contemporary ethical, philosophical and legal theories and arguments. Students engage in various peer-oriented learning activities throughout the course.

Prerequisite(s): none

Corerequisite(s):none

### **PHI4002 The Philosophy of Drugs**

Drugs are everywhere: professionals prescribe them to us to make us "better"; we take them recreationally; we give them to our children, pets and other loved ones; we buy them on the streets and in grocery stores. What are "drugs"? Why are some drugs legal and others not? How do drugs get to market? What ethical issues are relevant in a global drug industry? Are current intellectual property regimes appropriate if the goal of drug research is to promote benefits to society? Students critically examine these, and other, questions through the lens of historical and contemporary ethical, philosophical and legal theories and arguments. Students engage in various peer-oriented learning activities throughout the course.

Prerequisite(s): none

Corerequisite(s):none

### **PHI4002 The Philosophy of Drugs**

Drugs are everywhere: professionals prescribe them to us to make us "better"; we take them recreationally; we give them to our children, pets and other loved ones; we buy them on the streets and in grocery stores. What are "drugs"? Why are some drugs legal and others not? How do drugs get to market? What ethical issues are relevant in a global drug industry? Are current intellectual property regimes appropriate if the goal of drug research is to promote benefits to society? Students critically examine these, and other, questions through the lens of historical and contemporary ethical, philosophical and legal theories and arguments. Students engage in various peer-oriented learning activities throughout the course.

Prerequisite(s): none

Corerequisite(s):none

### **PHI4003 The Philosophy of Love and Sex**

Love and sex are central to the human condition, and have been topics of academic inquiry and controversy throughout history. Various practices surrounding love and sex are celebrated in Western culture, such as monogamy and marriage, while other practices, such as polygamy and pedophilia, are condemned. Why is this? Students critically explore these and other issues surrounding love and sex using examples from popular music, movies and literature, framing those issues with the help of historical and contemporary philosophical theories and arguments. Students engage in various peer-oriented learning activities throughout the course.

Prerequisite(s): none

Corerequisite(s):none

### **PHI4003 The Philosophy of Love and Sex**

Love and sex are central to the human condition, and have been topics of academic inquiry and

controversy throughout history. Various practices surrounding love and sex are celebrated in Western culture, such as monogamy and marriage, while other practices, such as polygamy and pedophilia, are condemned. Why is this? Students critically explore these and other issues surrounding love and sex using examples from popular music, movies and literature, framing those issues with the help of historical and contemporary philosophical theories and arguments. Students engage in various peer-oriented learning activities throughout the course.

Prerequisite(s): none  
Corerequisite(s):none

### **PHI4003 The Philosophy of Love and Sex**

Love and sex are central to the human condition, and have been topics of academic inquiry and controversy throughout history. Various practices surrounding love and sex are celebrated in Western culture, such as monogamy and marriage, while other practices, such as polygamy and pedophilia, are condemned. Why is this? Students critically explore these and other issues surrounding love and sex using examples from popular music, movies and literature, framing those issues with the help of historical and contemporary philosophical theories and arguments. Students engage in various peer-oriented learning activities throughout the course.

Prerequisite(s): none  
Corerequisite(s):none

### **PHI4100 Survival in the Information Age: Risk and the Media**

On an almost daily basis, the media, through its various outlets - television, radio, web sites, RSS, and podcasts - reports on issues that address our wellbeing. Through discussions, readings, and assignments, students enhance their ability to interpret and question information presented by the media by better understanding the inherent risks. Issues like alternative medicine (i.e. vaccinations) and socio-legal issues (i.e. bullying, hacking, surveillance, privacy) provide grounds for students to use principles from the social science as a means to think critically about real and perceived risks in daily life.

Prerequisite(s): PHI1000  
Corerequisite(s):none

### **PHI4100 Survival in the Information Age: Risk and the Media**

On an almost daily basis, the media, through its various outlets - television, radio, web sites, RSS, and podcasts - reports on issues that address our wellbeing. Through discussions, readings, and assignments, students enhance their ability to interpret and question information presented by the media by better understanding the inherent risks. Issues like alternative medicine (i.e. vaccinations) and socio-legal issues (i.e. bullying, hacking, surveillance, privacy) provide grounds for students to use principles from the social science as a means to think critically about real and perceived risks in daily life.

Prerequisite(s): PHI1000  
Corerequisite(s):none

### **PHI4100 Survival in the Information Age: Risk and the Media**

On an almost daily basis, the media, through its various outlets - television, radio, web sites, RSS, and podcasts - reports on issues that address our wellbeing. Through discussions, readings, and assignments, students enhance their ability to interpret and question information presented by the media by better understanding the inherent risks. Issues like alternative medicine (i.e. vaccinations) and socio-legal issues (i.e. bullying, hacking, surveillance, privacy) provide grounds for students to use principles from the social science as a means to think critically about real and perceived risks in daily life.

Prerequisite(s): PHI1000  
Corerequisite(s):none

### **PHY4000 Black Holes, Big Bangs and the Cosmos**

The dynamic and exciting field of Cosmology outlines our current understanding of the Universe from its start, at the so-called Big Bang, through the ensuing 13 plus billion years to the present and beyond. Students learn how to discuss our present understanding of the three phases of the Universe as well as its five part make up, with matter making up only 4% of the whole. Students explain our knowledge of the various phases of evolution of the Cosmos and also the latest theories and experiments that are trying to address our uncertainties. Throughout the course, students evaluate and debate many of today's ideas and concepts revolving around cosmology.

Prerequisite(s): none

Corerequisite(s):none

### **PHY4000 Black Holes, Big Bangs and the Cosmos**

The dynamic and exciting field of Cosmology outlines our current understanding of the Universe from its start, at the so-called Big Bang, through the ensuing 13 plus billion years to the present and beyond. Students learn how to discuss our present understanding of the three phases of the Universe as well as its five part make up, with matter making up only 4% of the whole. Students explain our knowledge of the various phases of evolution of the Cosmos and also the latest theories and experiments that are trying to address our uncertainties. Throughout the course, students evaluate and debate many of today's ideas and concepts revolving around cosmology.

Prerequisite(s): none

Corerequisite(s):none

### **PHY4000 Black Holes, Big Bangs and the Cosmos**

The dynamic and exciting field of Cosmology outlines our current understanding of the Universe from its start, at the so-called Big Bang, through the ensuing 13 plus billion years to the present and beyond. Students learn how to discuss our present understanding of the three phases of the Universe as well as its five part make up, with matter making up only 4% of the whole. Students explain our knowledge of the various phases of evolution of the Cosmos and also the latest theories and experiments that are trying to address our uncertainties. Throughout the course, students evaluate and debate many of today's ideas and concepts revolving around cosmology.

Prerequisite(s): none

Corerequisite(s):none

### **POL4000 Political Economy**

Political economy is the study of the interrelationship between economies and political processes and institutions in society. All economies require state political power to set rules, enforce economic order, and to correct for market failures that would otherwise undermine the social fabric. Similarly, state power and government policies are shaped in large measure by economic capacities, including being constrained by the need to tend to the economic wellbeing of citizens. Students debate prominent ideas in political economy schools and practice the application of political economic analysis to high-profile current events in Canada and abroad.

Prerequisite(s): none

Corerequisite(s):none

### **POL4000 Political Economy**

Political economy is the study of the interrelationship between economies and political processes and institutions in society. All economies require state political power to set rules, enforce economic order, and to correct for market failures that would otherwise undermine the social fabric. Similarly, state power and government policies are shaped in large measure by economic capacities, including being constrained by the need to tend to the economic wellbeing of citizens. Students debate prominent ideas in political economy schools and practice the application of political economic analysis to high-profile current events in Canada and abroad.

Prerequisite(s): none

Corerequisite(s):none



**POL4000 Political Economy**

Political economy is the study of the interrelationship between economies and political processes and institutions in society. All economies require state political power to set rules, enforce economic order, and to correct for market failures that would otherwise undermine the social fabric. Similarly, state power and government policies are shaped in large measure by economic capacities, including being constrained by the need to tend to the economic wellbeing of citizens. Students debate prominent ideas in political economy schools and practice the application of political economic analysis to high-profile current events in Canada and abroad.

Prerequisite(s): none  
Corerequisite(s):none

**PSI2000 Navigating Canada's Political Landscape**

A developed knowledge of government and politics is key to an effective participation in public life. Drawing on current events, students explore the societal, cultural and constitutional context along with the major political parties and institutions that shape the Canadian political landscape. Students develop skills and techniques that allow them to position politicians, parties, and policies, past and present, on the spectrum of political ideology and Canadian political traditions. Working together and individually, students analyze issues from the perspective of various political approaches.

Prerequisite(s): none  
Corerequisite(s):none

**PSI2000 Navigating Canada's Political Landscape**

A developed knowledge of government and politics is key to an effective participation in public life. Drawing on current events, students explore the societal, cultural and constitutional context along with the major political parties and institutions that shape the Canadian political landscape. Students develop skills and techniques that allow them to position politicians, parties, and policies, past and present, on the spectrum of political ideology and Canadian political traditions. Working together and individually, students analyze issues from the perspective of various political approaches.

Prerequisite(s): none  
Corerequisite(s):none

**PSY2100 Introductory Psychology**

With its applications to behaviour and personality, psychology extends its reach into many aspects of our personal lives. The broad applications of this social science in both an applied and theoretical context are premised on a number of fundamental principles. Students explore historical breakthroughs that define the current boundaries of the discipline and interact with a number of the foundational concepts that resonate throughout daily life and popular culture. Students develop an introductory knowledge in the various schools of thought within the discipline.

Prerequisite(s): none  
Corerequisite(s):none

**PSY2100 Introductory Psychology**

With its applications to behaviour and personality, psychology extends its reach into many aspects of our personal lives. The broad applications of this social science in both an applied and theoretical context are premised on a number of fundamental principles. Students explore historical breakthroughs that define the current boundaries of the discipline and interact with a number of the foundational concepts that resonate throughout daily life and popular culture. Students develop an introductory knowledge in the various schools of thought within the discipline.

Prerequisite(s): none  
Corerequisite(s):none

**QUA2001 Statistics for the Social Sciences**

Professionals in the social sciences evaluate quantitative evidence to make decisions. In this course, students explore descriptive and inferential statistics used in social science research. Descriptive statistics are used to describe the data collected. Inferential statistics are used to determine if the data collected represents a population of interest and whether experimental results are significant and meaningful or simply due to chance. Students develop the skills to determine which statistics should be used with particular data types, analyze fundamental statistical problems, and interpret statistical findings. Individually and in groups, students use statistical software to analyze simulated and actual data sets to answer particular research questions and to report on their findings using standard social science tools. Emphasis is on the development of the critical thinking skills needed to understand and apply statistics for the social sciences.

Prerequisite(s): none  
Corerequisite(s):none

**SCI2000 Environmental Science**

Environmental science is an interdisciplinary study of how the earth works, human interaction with the earth and how to address the existing environmental problems. Students explore natural capital and the degradation. Students engage in case studies, critical thinking and analysis of alternatives in exploring solutions and trade-offs in trying to address degradation.

Prerequisite(s): ENL1100 and PHI1000  
Corerequisite(s):none

**SCI2000 Environmental Science**

Environmental science is an interdisciplinary study of how the earth works, human interaction with the earth and how to address the existing environmental problems. Students explore natural capital and the degradation. Students engage in case studies, critical thinking and analysis of alternatives in exploring solutions and trade-offs in trying to address degradation.

Prerequisite(s): ENL1100 and PHI1000  
Corerequisite(s):none

**SEC0012 Introduction to Organized Crime**

Organized crime poses a significant threat to public safety due to its complex and far-reaching impact on society. This course introduces students to some of the history, structure, and operations of criminal organizations, focusing on domestic and international groups involved in illicit activities. Students will explore factors which precipitate organized crime and develop an understanding of law enforcement strategies, techniques, and/or policy measures used to combat organized crime. Students will also examine the challenges public safety professionals face in responding to organized crime and the critical role of interagency and international cooperation in countering these threats.

Prerequisite(s): none  
Corerequisite(s):none

**SEC0016 Emerging Issues in Emergency Management - Applied Research**

Public safety practitioners use applied research projects to extend knowledge and link theory to practice. Students explore the use of qualitative, quantitative and mixed methods research in disaster and emergency management with a particular focus on role of case study methodologies in the discipline. Building on a special topic and theoretical approach previously identified, students develop appropriate research approaches and tools to explore a case study that addresses a public safety or emergency management question. Students conduct research, make recommendations and present research using appropriate format and citation techniques.

Prerequisite(s): QUA2001 and SEC1013  
Corerequisite(s):none



**SEC1000 Introduction to Public Safety Protection**

Protecting the public is the first and most important function of government. Students explore notions of risk, organizational roles and responsibilities, protective measures, and authoritative bases for protecting the public interest. Students examine public safety in the context of major sectors and industries in order to understand the practical application of public safety protection.

Prerequisite(s): none

Corerequisite(s):none

**SEC1001 Principles and Practice of Emergency Management**

Emergency management principles inform the practices and application within the field. Students examine historical influences and contributions within emergency management. Students explore principles of emergency management across a range of stakeholders and organizations and examine the legislative authorities and standards that serve to guide current practice. An analysis of integral components and processes allows students to construct the general framework of emergency management.

Prerequisite(s): none

Corerequisite(s):none

**SEC1003 Terrorism and Weapons of Mass Destruction**

Terrorism, as a human-caused threat, has a long and persistent history. Students examine definitions, history and causes of terrorism to develop an understanding of how the terrorism threat has changed over time. Students gain insight into terrorism trends, methodologies, and tactics, as well as the threat posed by and responses to weapons of mass destruction.

Prerequisite(s): SEC1000 and SEC1001

Corerequisite(s):none

**SEC1004 Critical Infrastructure Protection**

Critical infrastructure is essential for the health, safety, security and economic well-being of Canadians and the effective functioning of government. Students examine the contexts for critical infrastructure, including the role of governments and supporting policies. Notions of "critical", interdependency, systems theory, probability theory, risk assessment methodologies, sector analysis, and mitigation strategies aimed at resiliency are examined.

Prerequisite(s): SEC1000

Corerequisite(s):none

**SEC1005 Principles and Practice of Natural Hazard Mitigation**

The potential impacts of natural hazards can affect many facets of a community. Mitigation, as a fundamental principle of a comprehensive emergency management program, serves to increase the resiliency and reduce the vulnerability of communities that can occur as a result of natural hazard events. Through discussions, presentations, lectures case studies and assignments, students develop an understanding of natural hazards and their impacts. Students will develop strategies aimed at minimizing negative effects on communities. The role of stakeholders and an evaluation of mitigation specific to natural hazard type will be examined.

Prerequisite(s): SEC1001 and SEC1017 and SEC1023

Corerequisite(s):none

**SEC1007 Counter Economic Espionage**

Businesses and all levels of government in Canada are under increasing threat of attack and economic espionage both by foreign governments and business competitors (who may be assisted by their national governments). Canada is a prime target because of its industrial strength, valuable research and development, resource wealth and close alliance with major allies, particularly the United States. Students examine the reasons why economic espionage and attacks are used to

gain advantage and how states and companies try to protect their intellectual property. Through case studies and class discussion, students identify the nature of the threat and the role of the Canadian security and intelligence apparatus.

Prerequisite(s): SEC1003  
Corerequisite(s):none

### **SEC1008 Public Safety Policy**

Public safety policy informs direction and action at all levels of government. Students develop a fundamental understanding of policy -- its objective, benefits and limitations. An overview of the policy process at all levels of government is discussed, along with emergency management and security-specific policies at the federal, provincial and local levels of government.

Prerequisite(s): none  
Corerequisite(s):none

### **SEC1009 Incident Management Systems**

The ability to provide a well-organized and coordinated response can help minimize impacts and contribute to safe and efficient incident resolution. As standardized on-scene response management concepts, incident management systems exist to address the challenge of appropriate response. Students explore the nature of response within the context of incident management systems. The key elements and application of incident management systems are examined through different models.

Prerequisite(s): SEC1001  
Corerequisite(s):none

### **SEC1012 Awareness and Training**

Awareness and training are key pillars for effective public safety programs in the workplace and the community. Through group projects, students research and apply principles of adult learning and instructional techniques to develop public safety awareness and training programs.

Prerequisite(s): none  
Corerequisite(s):none

### **SEC1013 Emerging Issues in Emergency Management - Special Projects**

Emergencies and disasters occur within the context of continually evolving cultures and systems. As patterns of risk change in time and space, new issues can emerge that need to be considered by decision makers. Students explore contemporary and emerging issues in the field applying theoretical perspectives with particular emphasis on the social construction of disaster and emergency. Students select a case study to explore in depth and develop a research project which will be continued in their Applied Research course.

Prerequisite(s): SEC1005  
Corerequisite(s):none

### **SEC1014 Business Crisis and Continuity Management**

Crisis and continuity management have become increasingly critical areas of competence for public safety professionals in the private and public sectors. Students explore concepts relating to emergency and crisis management, contingency planning, and organizational continuity. In addition, recovery issues facing a private sector organization in its internal operations and interface with the public sector safety and emergency management community are explored. Basic skills, knowledge elements, and concepts are identified, discussed, developed, integrated and applied.

Prerequisite(s): SEC1017  
Corerequisite(s):none

**SEC1016 Management of Crises**

Every crisis or disaster is unique but there are general principles that enable their management. Students explore the fundamental principles, issues, and strategies related to the management of crises. Students identify similarities and differences between crises and disasters. They explore the underlying nature of crisis-prone organizations and crisis-resiliency strategies. Students investigate the diverse strategies used by private and public-sector organizations. They explore case studies to highlight international best practices of crisis management.

Prerequisite(s): SEC1001  
Corerequisite(s):none

**SEC1017 Hazard Risk Management**

The ability to understand community-specific risks is fundamental to being able to identify vulnerability and prepare for, respond to, and recover from emergencies and disasters. Participants examine sound risk management principles such as hazard identification, risk analysis and impact analysis, as well as related nomenclature. Legislative, standards and best practice approaches to hazard identification and risk assessment are also considered.

Prerequisite(s): none  
Corerequisite(s):none

**SEC1018 Public Safety and Emergency Management Operations**

An Operations Centre is where organizations, agencies and governments coordinate response and recovery actions in crisis situations. Operations Centres allow public safety and more specifically, emergency management professionals to coordinate information flow to make informed decisions in emergency response efforts. Students examine the Command Post operations at the incident or disaster scene, as well as at an Emergency Operation Centre (EOC) away from the scene.

Prerequisite(s): SEC1009  
Corerequisite(s):none

**SEC1019 Security Systems Management and Planning**

The management and planning of security systems are essential elements of a community's or organization's risk mitigation strategy. Security systems are used to control and manage access, provide intrusion and video surveillance, and display security and life safety activities at guard stations and security operations centres. Students review organizations' risk mitigation strategies, architectural layouts, zoning plans and operational needs to develop technical and functional requirements and plans. Further, students evaluate the security of security system data transmission and storage. Students develop a cost-benefit analysis for implementation using estimating and budgeting tools.

Prerequisite(s): ISS0002 and SEC1004  
Corerequisite(s):none

**SEC1020 Threat Risk Assessment Practicum**

Threat Risk Assessments (TRA) identify the likelihood and impact of threats to personnel, assets and information in the workplace and community. TRAs list priorities for counter measures using cost benefit analysis. As members of teams, students conduct TRAs on facilities in the community consolidating previous learning. Students write a comprehensive report and present recommendations.

Prerequisite(s): SEC1017  
Corerequisite(s):none

**SEC1021 Emergency Planning and Exercise Management**

Public safety exercises are planned to ensure effective response and management of emergencies and other crisis situations. Exercises assist response agencies to achieve proper coordination, to

promote continuous learning and to evolve procedures. Students use table-top exercises to plan, promote and coordinate response measures among simulated responders to hone effective decision-making skills.

Prerequisite(s): none

Corerequisite(s):none

### **SEC1022 Security Systems Management and Design**

Security is an essential management function that takes into account the technical requirements, component plans, device schedules, technical specifications and system implementation statements of work that are implemented in the design of facility's security systems. In this course, students will appreciate that security system designs are based on a community's or organization's requirements taking into account their goals, policies, cultures and management. Students study security system designs including access control, alarms, photo imaging and visitor management, voice intercom and integrated life safety systems. In teams, students develop detailed security system designs and solutions.

Prerequisite(s): SEC1019

Corerequisite(s):none

### **SEC1023 Legislative Applications and Policies in Security and Emergency Management**

Security and emergency management must adhere to legal and legislative frameworks within Canada and internationally. These sectors are guided by multiple and often conflicting policies issued by federal, provincial, municipal governments and international organizations. Students use research, case studies and class discussions to develop familiarity with relevant legislation and policies, preventative and reactive measures. Students also examine the roles and legal powers of lead agencies in security and emergency management, such as the Canadian Security Intelligence Service, RCMP and the Canadian Forces.

Prerequisite(s): none

Corerequisite(s):none

### **SOC2001 Anti-Racism: Theory and Practice**

Anti-racism is the practice of identifying, challenging, and changing the values, structures, and behaviours that perpetuate systemic racism. Students explore concepts of anti-oppressive practice, anti-racist pedagogy, diversity, and inclusion at the personal, societal, and institutional levels. Students develop an understanding of historical and present-day groups and figures that challenge oppressive structures in Canadian society. Through various learning activities and discussion boards, students will develop the necessary knowledge, attitude, and skills to become an authentic ally within society.

Prerequisite(s): none

Corerequisite(s):none

### **SOC2001 Anti-Racism: Theory and Practice**

Anti-racism is the practice of identifying, challenging, and changing the values, structures, and behaviours that perpetuate systemic racism. Students explore concepts of anti-oppressive practice, anti-racist pedagogy, diversity, and inclusion at the personal, societal, and institutional levels. Students develop an understanding of historical and present-day groups and figures that challenge oppressive structures in Canadian society. Through various learning activities and discussion boards, students will develop the necessary knowledge, attitude, and skills to become an authentic ally within society.

Prerequisite(s): none

Corerequisite(s):none

### **SOC2006 Sociology of Disaster**

Disasters have had varied and devastating impacts on the communities that they afflict, and often

the degree of impact is the culmination of a range of social factors and conditions. Understanding these social dimensions has important implications across a range of emergency management activities and functions. Students explore the ways in which disasters impact individuals, communities, and societies. In analyzing the social structures, social behavior, processes, and inequalities, students develop an understanding of the factors and conditions that shape and inform disaster vulnerability, preparedness, response, recovery, and community resiliency. By drawing on theories of sociology, research findings, and case studies, students gain a deep understanding of the complex nature of social factors and disasters. Students critically evaluate and understand the social dimensions of disaster management and develop strategies for promoting resilience.

Prerequisite(s): SEC1001

Corerequisite(s):none

### **SOC4001 Global Perspectives**

Sociology, through its exploration of the organization of society and the connections between people and their surroundings, provides new ways of looking at the world. Using fundamental knowledge in the field of sociology, students analyze globalization and its impact on Canadian society. Students take opposing views to debate the opportunities and challenges that come with globalization.

Prerequisite(s): SOC2000

Corerequisite(s):none

### **SOC4001 Global Perspectives**

Sociology, through its exploration of the organization of society and the connections between people and their surroundings, provides new ways of looking at the world. Using fundamental knowledge in the field of sociology, students analyze globalization and its impact on Canadian society. Students take opposing views to debate the opportunities and challenges that come with globalization.

Prerequisite(s): SOC2000

Corerequisite(s):none

### **SOC4001 Global Perspectives**

Sociology, through its exploration of the organization of society and the connections between people and their surroundings, provides new ways of looking at the world. Using fundamental knowledge in the field of sociology, students analyze globalization and its impact on Canadian society. Students take opposing views to debate the opportunities and challenges that come with globalization.

Prerequisite(s): SOC2000

Corerequisite(s):none

### **WKT0014 Career Preparation in Public Safety**

Using a guided workshop format, students review their experience and education to date and look ahead to the requirements for employment in their public safety sectors. Students prepare professional job search documents and a formal or informal portfolio after completing a self-assessment of professional and personal strengths. Through discussions about workplace ethics and opportunities for membership in professional associations, students prepare for graduation and employment.

Prerequisite(s): none

Corerequisite(s):none

### **WKT0015 Co-Op Work Term I**

The first co-op placement provides students with experiential opportunities within the field. Students attain entry-level positions that enable the application of principles and concepts

developed during their studies. Students returning from Co-op Work Term I bring additional practical considerations to subsequent study. Although centred with public and private institutions located in Eastern Ontario, co-op employment opportunities may be sought throughout Canada.

Prerequisite(s): ENL1100 and INV0001 and PHI1000 and PHI2002 and SEC1000 and SEC1001 and SEC1004 and SEC1005 and SEC1008 and SEC1010 and SEC1014 and SEC1017 and SEC1023 and SOC2000 and WKT0014

Corerequisite(s):none