Bachelor of Public Safety (Honours) (Co-op) Pathway for Police Foundations

Honours Degree

4 Years

Ottawa Campus

Program Code: 1600C03FWO

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.

This pathway is for graduates of the Police Foundations Ontario College Diploma program. Graduates of this program receive credit for 9 courses in the degree, reducing the time to degree completion to 3 years.

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.

SUCCESS FACTORS

This program is well suited for students who:

- Respond positively to challenges.

- React to stressful situations by using thoughtful and analytical measures.

- Like to work in a team environment.

- Can work independently and contribute to problem-solving teams.

- Want to work with a wide variety of people and ideas throughout their career.

- Have an interest geo-political trends and the dynamics of our democratic society.

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, 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 criminal behaviour within the broader context of social trends in today`s society consistent with current scholarly thinking.

Program of Study

Level: 03	Courses	Hours
SEC1000	Principles of Public Safety Protection	42.0
SEC1001	Principles and Practice of Emergency Management	42.0
SEC1003	Extraordinary Threats to Public Order	42.0
SEC1012	Awareness and Training	42.0
SEC1017	Hazard Risk Management	42.0
SEC1023	Legislative Applications and Policies in Security and Emergency Management	42.0

Level: 04	Courses	Hours
GEP1001	Cooperative Education and Job Readiness	18.0
ITS0001	Information Technology Systems	42.0
SEC1004	Critical Infrastructure Protection	42.0
SEC1005	Principles and Practice of Natural Hazard Mitigation	42.0
SEC1014	Business Crisis and Continuity Management	42.0
SEC1016	Management of Crises	42.0
WKT0014	Career Preparation in Public Safety	28.0
Level: 05	**Courses**	**Hours**
BUS0005	Facility Management	42.0
GIS0002	Introduction to Geographic Information Systems	42.0
ISS0001	Information Technology Security Concepts	42.0
SEC1008	Public Safety Policy	42.0
SEC1009	Incident Management Systems	42.0
Elective: choose 1	**Courses**	**Hours**
BIO2200	Botany	56.0
ECO2000	Environmental Economics	42.0
ENL2025	Interpersonal Communication	42.0
FLS3101	French as a Second Language - Beginner 1	42.0
FLS3102	French as a Second Language - Beginner 2	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
PHI2002	Ethical Decision Making	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
Co-op: 01	**Courses**	**Hours**
WKT0015	Co-Op Work Term I	
Co-op: 02	**Courses**	**Hours**

WKT0016	Co-Op Work Term ll	
Level: 06	**Courses**	**Hours**
GIS0003	Applied Geographic Information Systems (Gis)	42.0
ISS0002	Information Technology Security Design	42.0
QUA2001	Statistics for the Social Sciences	42.0
SEC1007	Counter Economic Espionage	42.0
Elective: choose 1	**Courses**	**Hours**
BIO2200	Botany	56.0
ECO2000	Environmental Economics	42.0
ENL2025	Interpersonal Communication	42.0
FLS3101	French as a Second Language - Beginner 1	42.0
FLS3102	French as a Second Language - Beginner 2	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
PHI2002	Ethical Decision Making	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
Level: 07	**Courses**	**Hours**
MGT0094	Strategic Leadership and Decision-Making	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
SOC2000	Introduction to Sociology	56.0
Elective: choose 1	**Courses**	**Hours**
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
PHI4004	Technology, Society and the Environment	42.0
PHI4100	Survival in the Information Age: Risk and the Media	42.0
PHY4000	Black Holes, Big Bangs and the Cosmos	42.0
SOC4001	Global Perspectives	42.0
Level: 08	**Courses**	**Hours**
QUA0001	Applied Research	42.0
SEC1020	Threat Risk Assessment Practicum	42.0
SEC1021	Emergency Planning and Exercise Management	42.0
SEC1022	Security Systems Management and Design	42.0
Elective: choose 1	**Courses**	**Hours**
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
PHI4004	Technology, Society and the Environment	42.0
PHI4100	Survival in the Information Age: Risk and the Media	42.0
PHY4000	Black Holes, Big Bangs and the Cosmos	42.0
SOC4001	Global Perspectives	42.0

Fees for the 2023/2024 Academic Year

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

Further information on fees can be found by visiting the Registrar`s Office website at https://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 2024/2025 Academic Year

Program Eligibility

- Graduates of Police Foundations Ontario College Diploma, with an overall GPA of 2.7 (70%).

Additional Requirements:

Prior to co-ops, all students will be required to obtain a clear and current Police Records Check for the Vulnerable Sector. Failure to complete this requirement will prevent students from participating in the work term components of the program.

Admission Requirements for 2023/2024 Academic Year

Program Eligibility

- Graduates of Police Foundations Ontario College Diploma, with an overall GPA of 2.7 (70%).

Additional Requirements:

Prior to co-ops, all students will be required to obtain a clear and current Police Records Check for the Vulnerable Sector. Failure to complete this requirement will prevent students from participating in the work term components of the program.

Application Information

BACHELOR OF PUBLIC SAFETY (HONOURS)(CO-OP)
Program Code 1600C03FWO
Pathway for Police Foundations

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.force.com/myACint/ .

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 September 21, 2017. 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.

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 https://www.algonquincollege.com/coop .

Successful completion of all courses, including mandatory cooperative education (Co-op) Work Terms, is a requirement for graduation.

Contact Information

Program Coordinator(s)

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

- Graham Newbold, mailto:newbolg@algonquincollege.com , 613-727-4723, ext. 7341

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

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

BUS0005 Facility Management

Public safety professionals may manage the integration of fire protection, safety, maintenance, operations, business continuity management (BCM) and asset security within a facility. Through applied exercises, students demonstrate their understanding of the relationships within an organization and the need for a safe and cost-effective environment for the occupants. Students explore components that contribute to safety within a facility: fire and security detection, access control systems, high-rise fire management, industrial fire management, HVAC systems and evacuation procedures. Students learn about WHMIS and life saving measures. Through scenarios and the writing of RFPs and SOPs, students simulate the process for the contracting and management of security officers.

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

ENL2025 Interpersonal Communication

Effectively communicating with others, both professionally and personally, is an art that requires conscious development. Students address the techniques related to interpersonal communication challenges in the diverse workplace. Focus is on communication barriers, verbal and non-verbal communication, listening, team work, and relational dynamics. Through role play, analysis, and case studies, students engage in simulated and authentic interpersonal communication situations.

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

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8

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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

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

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

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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

GIS0002 Introduction to Geographic Information Systems

Aspects of Geographic Information Systems (GIS) are applied daily, using diverse tools - from

smartphones to state-of-the-art technology - to help manage natural disasters. GIS provides its users with the ability to visualize, organize, as well as, analyze their data in order to extract pertinent and valuable information. Students familiarize themselves with basic theoretical concepts and hands-on application of GIS. Main themes explored are: cartographic preparation and presentation, key elements of geographic/spatial analysis, plus the querying and management of spatial data.

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

GIS0003 Applied Geographic Information Systems (Gis)

Advanced Geographic Information System (GIS) skills are essential for Public Safety management professionals. Students will explore the various aspects of advanced spatial analytical methods and tools that help address related practical issues. Through projects, students formulate interest-based spatial questions relating to public safety, and design an innovative approach to answer these questions.

Prerequisite(s): GIS0002
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): ISS0001
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 design and build a basic network structure including, layered communications and IP addressing to industry standards, with emphasis on TCP/IP protocol suites and Ethernets.

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

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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

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

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

MGT0094 Strategic Leadership and Decision-Making

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

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

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Prerequisite(s): PHl1000
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

PHI4004 Technology, Society and the Environment

Environmental issues have come to occupy a central place in the marketplace, politics, policy, and

society at large. Owing largely to the many environmental consequences that have accompanied industrialization, we humans have been forced to rethink the complex relationship between technology, society and the environment. Students investigate philosophical concepts and theories surrounding technology, society and the environment including: the "naturalness" of technology, sustainability and animal rights. Students critically examine course material by focusing on questions such as: What is nature, and what role do/should humans occupy in it? What do we owe non-human organisms? What do we owe future generations? Students engage in various peer-oriented learning activities throughout the course.

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

PHI4004 Technology, Society and the Environment

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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

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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

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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

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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

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Prerequisite(s): none

Corerequisite(s):none

QUA0001 Applied Research

Public safety practitioners use applied research 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. The intent of such research is to improve existing bodies of knowledge for practical application within the sector. Students conduct research, make recommendations and present research posters using appropriate format and citation techniques.

Prerequisite(s): QUA2000 and SEC1013
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 determined 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

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

SEC1000 Principles of Public Safety Protection

Security professionals apply the principles of public safety protection in order to protect personnel, assets and information. Students develop an applied physical security approach to external and internal threats to both public and private sectors based on fundamental principles and concepts of protection. Students use case examples, research and class discussions to study preventive and reactive measures in all sectors and for specific areas such as transportation and retail. Students examine and analyze key issues in executive protection, loss prevention and the role of security officers.

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 will situate emergency management in its evolution as well as examine historical influences and contributions. Students explore principles of emergency management across a range of stakeholders and organizations and are provided with an overview of the legislative authorities and standards that serve to guide current practice. An analysis of integral components and processes that will allow students to construct the general framework of emergency management.

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

SEC1003 Extraordinary Threats to Public Order

Democratic societies face extraordinary threats such as terrorism, violent extremism, information security predicts and weapons of mass destruction. Students explore the nature of these threats and put into context counter measures and mitigation strategies. Students examine current and past examples of such extreme threats focusing on preventive and reactive responses. Students assess the reliability of future threats with respect to mitigation strategies.

Prerequisite(s): none
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 will 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 will be examined.

Prerequisite(s): SEC1000 and SEC1017
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
Corerequisite(s):none

SEC1007 Counter Economic Espionage

Businesses and all levels of government in Canada are under increasing threat from economic espionage both by foreign governments and business competitors (who may be assisted by their national governments). Canada is a prime target for economic espionage because of its industrial strength, valuable research and development, resource wealth and close alliance with major allies, particularly the United States. Students will examine the reasons why economic espionage is used to gain advantage over competitors and how states and companies try to protect their intellectual property from being stolen. 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 help address the challenge of appropriate response. Students explore the nature of response challenges within the context of incident management systems. The key elements of incident management systems as well as the application of these elements through a number of different models are examined.

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

SEC1012 Awareness and Training

Awareness is a key pillar for effective public safety programs in the workplace and in society in general. Through projects with our public and private sector community partners, students research and apply principles of adult learning and instructional techniques to develop public safety 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. This course explores 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

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 explore the unique nature of crises, and identify similarities and differences

19

between crises and disasters, as well as the underlying nature of crisis-prone organizations and the strategies to help them become crisis-resilient. Students investigate the diverse strategies used by private and public-sector organizations to manage crisis, and explore related 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 will be introduced to 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 crisis 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 to the class and community partners.

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

SEC1021 Emergency Planning and Exercise Management

Exercises are planned to ensure effective response and management of emergencies and other crisis situations. These help response agencies ensure proper coordination, promote continuous learning and encourage them to modify or amend procedures. Agencies use table-top exercises to plan, promote and coordinate response measures among first responders and to hone effective decision-making skills.

Prerequisite(s): SEC1018
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 also guided by multiple and often concurrent policies issued by federal, provincial, municipal governments and where applicable, by international organizations. Students use research, case studies and class discussions to develop familiarity with relevant legislation and policies, preventative and reactive measures, and 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

SOC2000 Introduction to Sociology

When working with individuals and groups it is important to understand both the background and influences present. Students develop a familiarity with sociological theories and methodological approaches used to study individual and group behaviours. Students also examine variables that include culture, social class, race, and gender and how these variables may impact work with diverse individuals and groups.

Prerequisite(s): ENL1100
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 anad discussion boards, students will develop the necessary knowledge, attitude, and skills to become an authentic ally within society.

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

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Prerequisite(s): none
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 ENL2025 and INV0001 and ISS0001 and PHI1000 and PHI2002 and SEC1000 and SEC1001 and SEC1003 and SEC1004 and SEC1005 and SEC1008 and SEC1010 and SEC1012 and SEC1014 and SEC1016 and SEC1017 and SEC1023 and SOC2000 and WKT0014
Corerequisite(s):none

WKT0016 Co-Op Work Term II

Co-op provides an experiential opportunity which is directly related to the field of study. The second work term focuses on an expanded role with a higher level of responsibilities in the workplace. Students returning from co-op work term two contribute expanded knowledge and abilities to their program of study. Although centred with public and private institutions located in Eastern Ontario, co-op employment opportunities are sought throughout Canada and abroad.

Prerequisite(s): WKT0015
Corerequisite(s):none