



both locally and globally. This course covers the entanglements between “Church” and “State” in precolonial and colonial Europe, and how these relationships influenced gender regulation at the advent of settler colonialism. This course further explores temporary and historical expressions of gender, sex, and sexuality that exist outside of and defy settler colonial logics. Topics include intersectional analyses of (anti)colonial gender configurations in North America and globally; critical analyses of contemporary gender discourse and its relationships to neocolonialism; and histories of religion(s) as tools of restriction as well as liberation (Format: Lecture, Scheduled Online Only).

The readings combine literary texts in English with texts from other disciplines, as well as materials from other media such as music, fine art, digital media, and performance. Discussions engage a broad range of topics including: personal ethics and the scholarly community; social and cultural engagement; and the relationship between intellectual life and the material/natural world. This course also aims to instill good work habits, study skills, and work-life balance so that students can achieve their goals in university. It develops higher-order thinking skills such as active reading practice, oral and written self-expression, memorization and other information management skills, collaboration, creative engagement in a range of media, and critical thinking skills. [Note: This course is recommended for first year students] (Format: Lecture 3 Hours)

**CANA 1991 - A (3 CR)**  
**CITIZENSHIP AND DIVERSITY IN CANADA**

Limited: First year students only

This course is a limited enrolment experimental course intended for first year students. It looks at the meaning and importance of citizenship in contemporary Canada. It is intended to provide foundational instruction that enhances student learning capacity. Some of the topics it will address include citizenship and identity, rights, the media and digital citizenship, political alienation and public life, reconciliation and First Peoples, and inequality.

**CENL 1991 - A (3 CR)**  
**COMMUNITY AND SOCIAL CHANGE**

This course explores the history and contemporary realities of the concept of social change. It helps students to understand the systemic conditions that are at the heart of the many challenges with which communities contend. Through a series of inter-disciplinary case studies, students will examine such issues such as race, climate change, media literacy, housing insecurity, educational reform, and community sustainability. The course presents these conceptual tools as preparation for community organizing and volunteer work.

**CENL 1991 - P (3 CR)**  
**INDIGENOUS COMMUNITY ASSETS**

Prereqs: Permission of the instructor

This course functions as an extension of civic life. Learners will explore Asset Based Community Development principles and practices and how their application contributes to flourishing communities. This course aims to shift how students understand themselves as learners and requires them to step out of their comfort zone and into discovery! [Note 1: This course is cross-listed with INDG 1991 Indigenous Community Assets and may therefore count as three credits in either discipline.]

**CENL 2991 - P (3 CR)**  
**RURAL AND SMALL TOWN PLACES**

This course examines the unique social, political and economic structures of rural and small town communities and recent challenges to their viability within the rapidly urbanizing Canadian context. The course is designed to introduce students to the unique set of issues, opportunities, challenges and linkages that make up the thousands of rural and small-town communities that are spread across the country. This intensive A-Term course will focus on the nature of rural and small town communities through a place-based approach, applying emerging community development concepts through the living laboratory that surrounds us here in Sackville and the Maritime region. In particular, students will focus on recent changes to the nature of communities through municipal reform and community amalgamation to evaluate the resiliency of these places and measuring them against the social science literature on community development and the nature of rurality.

**CLAS 3991 - A (3 CR)**

**MARGINALIZED CULTURES IN ANTIQUITY**

Prereq: 6 credits from CLAS, LATI, GREK; or Permission of the Department

This course looks beyond ancient Greece and Rome, providing an in-depth examination of several cultures and peoples traditionally marginalized in both ancient and modern historical narratives. Topics include, but are not limited to, Persia, Carthage, Judea, Celtic and Germanic peoples, non-Roman Italy, and Egypt. Each topic will be approached in two ways. First, we will consider how we can use the few genuine sources which survive to reconstruct the history of these peoples. With this background knowledge, we will then critically analyze how Greco-Roman sources depicted each culture in turn. Along the way, we will consider larger issues of ancient



connections in reading, writing, and literary interpretation. It allows us to consider the physical and material nature of language and literary constructs. Conversely, looking at sports and athletics through literature and literary considerations centres the artistic formations of sports and the aesthetic experiences of athletics. Woven through both sides of this joining of literature and sports are important conversations about ethics, politics, and culture. Students are expected to commit to a weekly reading/writing practice and an athletic practice for the duration of the term.

**GENS 3991**

**INDG 2991 - A (3 CR)**  
**INDIGENOUS DRUMMING**

**PHYS 3991 - A (3 CR)**

**THE PHYSICS OF FLIGHT**

Prereqs: MATH 1151; PHYS 1551; or permission of the Department

This course examines the physical principles involved in flight, with a particular emphasis on the practical questions facing a pilot such as the conditions for lift, stalling, aerofoil design, aircraft performance and stability during flight.



Revolution, and contemporary political theory. In examining these ideas, we hope to better understand the legacy of slavery and what freedom can mean for us today.

**PSYC 3991 - A (3 CR)**

**MOTIVATION AND EMOTION**

Prereq: Third-year standing; PSYC 1001; PSYC 1011; 6 credits from PSYC at the 2000 level; or permission of the Department

This course discusses two fundamental questions from the perspective of psychology of motivation and emotion: "what causes behaviour" and "why does behaviour vary in intensity?" Topics include psychological needs, social needs, intrinsic and extrinsic motivation, cognitions, goal setting and emotions. (Format: Lecture 3 hours)

[Note 1: This course is cross-listed as CENL 3991 Religion, Community, Identity and may therefore count as 3 credits in either discipline.]

**RELG 3991 - B (3 CR)**

**THE WAYS OF PILGRIMAGE**

Prereq: 6 credits from RELG; or permission of the Department

This course compares traditions of religious pilgrimage to contemporary instances of journeying, travel and human movement. The notion of pilgrimage will be explored broadly with attention to its philosophical, spiritual and cultural significance. This sense of pilgrimage will then be compared to contemporary issues from both within and beyond the traditional religious context. Topics include such diverse examples as the traditional Camino de Santiago pilgrimage route, contemporary eco-tourism, political protest and, secular “civic” religiosity.

**ARTS 2991 - A (3 CR)****ART AND ATHLETICS**

This course explores the intersections of the arts and athletics, considering how the two realms contribute to personal identity, community development, and ethical engagement. Discussion topics will include physicality and intellectual life, ethical and aesthetic issues, and political and social contexts at the intersection of the arts and athletics. Artistic media will include literature, painting, photography, music, film and television, as well as some depictions in media from ancient cultures. Several sports will be included, with specific texts focusing on gridiron football, boxing, weightlifting, and figure skating. The central sport for the course is gridiron football. Opportunities will also be created for students to work independently on other sports, including running and swimming. We will frequently discuss the way art and athletics engage in activism and social justice: how both can serve – and serve together – as agents

definitions of the family. This course will explore the repercussions of historical laws and policies implemented by the settler colonial government that continue to influence contemporary state definitions of who constitutes family in Canada.

**CANA 4991 - A (3 CR)**

**CITIZENSHIP AND DEMOCRACY IN CANADA**

Prereq: CANA 1001; CANA 1011; 3 credits from CANA at the 2/3000 level; or permission of the Program Director

This seminar explores controversies with regard to democracy and citizenship in Canada. It is an experimental course that looks to build a collaborative space within which we can address deeply significant matters of contemporary Canadian public life. Some of the key issues it addresses include decolonization and reconciliation, alt.right populism, digital democracy, and contemporary conflicts regarding rights and responsibilities.

**CENL 1991 - A (3 CR)**

**EDUCATION, MENTORSHIP, AND ATHLETICS**

This course is an introduction to community engaged learning (CENL) for students who wish to connect mentoring and community work in the K-12 education system. It is well-suited to individuals who already volunteer as coaches and mentors, or those who are considering careers in sports or recreation administration, and education. It explores what CENL means in the context of K-12 education, examines the skill sets and knowledge which university students bring to CENL, and investigates the many benefits of young adult-youth mentorship. Participants will travel to a local school every Friday, over a six week period, to work with Grades 3-8 students. Through the supervision of activities and informal mentoring, participants will have an opportunity to apply previous knowledge and experience they may have along with insights gained from course readings and discussion.

**CHEM 4991 - A (3 CR)**

**ANALYTICAL ENVIRONMENTAL CHEMISTRY**

Prereqs: CHEM 3421; CHEM 3521 (or CHEM 4521 20/WI); or permission of the Department.

This experiential course exposes students to the concepts and techniques of sample collection, sample preparation, and measurement used for the analysis of trace chemical species in complex mixtures in environmental media (e.g., water, air, soil, and biota). Hypothesis development, experimental design, as well as data analysis and interpretation are emphasized. Students may be involved in field measurements. (Format: Integrated Lecture/Laboratory, 6 Hours)

**DRAM 2991 - A (3 CR)**

**PHYSICAL THEATRE - MASK**

Prereq: Permission of the instructor

This course introduces students to the theory and practice of physical theatre acting through the creation and use of neutral and character mask in the tradition of Jacques Lecoq and Philippe Gaulier.

**FINA 2991 - B (3 CR)**

**BEADWORK: CULTURE AND HISTORY**

Prereqs: INDG 1001; 3 credits from CANA or FINA or FINH; or permission of the Program Director

Through an exploration of traditional and contemporary forms of Indigenous beadwork and beadworking techniques, through meaning-making and object-making, the course will illuminate the inherent cultural values surrounding beading in Indigenous culture. Students will learn and apply bead-working techniques to demonstrate learned skills through various projects, which may include sample charts of beadwork techniques, bracelets, key chains, earrings, or other items. [Note 1: This course is cro5(s, 8iW\*nBT/F1 11.04 Tf1 0 0 1 316

FREN-3991 - A (3 CR)

### EVOLUTION AND GENDER

Prereqs: FREN 2601; or permission of the Department

This course examines the rhetorical intersections between various discourses dealing with gender and evolutionary thought. Key oppositions are explored in various traditions of representation. These include fixism vs. transformism, existentialism vs. essentialism and idealism vs. materialism. Textual and non-textual sources will be used to demonstrate how gender tropes (and precursors to these) are conceptualized across medicine, literature and philosophy, among other disciplines. Special attention will be paid to events, discoveries, and behaviours that challenge or disrupt epistemological boundaries.

### **GENS 3991 - B (3 CR)**

#### **REMOTE SENSING**

Prereq: GENS 2441; or permission of the Department

This course examines the principles of remote sensing of the environment, and provides an overview of the range and diversity of sensor platforms currently deployed around the world. Students will be introduced to software for viewing and processing remote sensing imagery, and apply various image analysis techniques in order to answer applied questions about the state of the environment. (Format: Lecture 3 Hours, Laboratory: 1.5 Hours).

### **HIST 3991 - A (3 CR)**

#### **CLIMATE CHANGE AND THE HISTORY OF TECHNOLOGY**

Prereq: 6 credits from HIST at the 1/2000 level; or permission of the Department

This course starts from the present need to shift away from a fossil-fuel based economy and asks: What can we learn about energy transitions from considering past ones? Topics will include the history of coal and oil, the Green Revolution, and electrification, among others.

### **INDG 2991 - A (3 CR)**

#### **LEARNING TO DESIRE: A CRITICAL EXPLORATION OF INDIGENEITY**

Prereq: 3 credits from CANA 1001, 1011, INDG 1001; or permission of the Program Director

This course will see learners reflect on what has shaped and informed their identities. Damage narratives are perpetuated about Indigenous peoples in a variety of areas. This course will explore how damage has informed a frame of reference for Indigenous peoples and how it may affect the conceptual map of those it subjects. This course acknowledges damage but struggles for desire-based understandings. Moving from 'decolonial' strategies in academia to a new emergence, this course aims to utilize reframing (Smith, 2021) as the foundation. An important assessment tool will be reflection, as students consider positioning, how truth and knowledge are maintained and how our bodies react to and struggle against these knowings. This course takes caution and acknowledges the triggering effects discussions of identity can have on people and will incorporate supportive techniques as learners and instructors move through course objectives. Ultimately, this course aims to take the learner on a journey from damage to desire.

### **INDG 2991 - B (3 CR)**

#### **BEADWORK: CULTURE AND HISTORY**

Prereqs: INDG 1001; 3 credits from CANA or FINA or FINH; or permission of the Program Director

Through an exploration of traditional and contemporary forms of Indigenous beadwork and beadworking techniques, through meaning-making and object-making, the course will illuminate the inherent cultural values surrounding beading in Indigenous culture. Students will learn and apply bead-working techniques to demonstrate learned skills through various projects, which may include sample charts of beadwork techniques, bracelets, key chains, earrings, or other items. [Note 1: This course is cross-listed with FINA 2991 Beadwork: Culture and History and may therefore count as three credits in either discipline.]

**INLR 4991- B (3 CR)**

**AFRICAN POLITICAL DEVELOPMENT**

Prereqs: 3 credits from POLS or INLR at the 3000 level; or permission of the Department

This seminar delves into the political and economic trajectories that have shaped the African continent from the pre-colonial era to the present. The course will examine social formations in Africa prior to colonization, and will then proceed to analyze how imperialism has shaped state formation, ethnic conflict, and class relations into the present period. The second portion of the course will then analyze specific country cases in order to identify the dynamics driving neoliberalism, underdevelopment, and military rule on the continent. [Note 1: This course is cross-listed with POLS 4991 African Political Development and may therefore count as three credits in either discipline.]

**MATH 3991 - A (3 CR)**

**COMBINATORICS**

Prereq: MATH/COMP 2211; or permission of the Department

This course focuses on combinations and arrangements of discrete structures. Enumerative topics will include combinatorial proofs, counting with repetitions, recursion, and generating functions. Design Theory topics will include latin squares, designs, and error-correcting codes.

**PHIL 3991 - B (3 CR)**

**SCIENCE AND DEMOCRACY**

Prereq: 3 credits from PHIL; 3 credits from PHIL at the 2000 level; or permission of the Department

This course pursues a simple but highly debated question: what is the proper place of science in a democratic society? Through this pursuit, we will examine how science and technology have shaped and been shaped by democratic societies.

**POLS 4991- A (3 CR)****DEVELOPMENT AND SOCIAL JUSTICE**

Prereqs: 3 credits from POLS or INLR at the 3000 level; or permission of the Department

This course focuses on the shifts from state led development to neoliberalism in Latin America and the Middle East. It roots the origins of economic models at times in responses to and at others in the continuation of the legacies of imperialism and colonialism in the global south. Students will consider how such economic models were wedded to political regimes, and how these regimes reflected class and political interests all the while marginalizing the poor and the working class. We also examine social movements' struggles (workers; landless peasants; women; environmentalists; indigenous communities) in the two regions and explore whether alternatives to these economic models are being discussed. The focus will be on select cases from the Middle East and Latin America.

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**POLS 4991- C (3 CR)****RACE AND RECOGNITION**

Prereqs: 3 credits from POLS 3001, 3011; or permission of the Department

This course will examine the philosophical roots of the concept of recognition and its relation to freedom and justice. We will also examine the question of indigenous rights and the claim that the politics of recognition have served to advance colonialism. Are an anti-colonial or postcolonial politics of recognition possible, or must the politics of recognition be rejected as part of the settler colonial legacy?

**PSYC 3991 - B (3 CR)****EXERCISE AND COGNITIVE FUNCTION**

Prereqs: Third-year standing; PSYC 1001; PSYC 1011; 6 credits from PSYC at the 2000 level; or permission of the Department

This course addresses the physiological and psychological changes that occur in the context of acute and chronic exercise in various populations. It will introduce selected principles, research findings, and theories relevant to how exercise affects cognition. Topics will include cardiovascular fitness, measurement issues, cognitive performance, sex differences, aging and cognitive decline.

**PSYC 3991 - C (3 CR)****INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY**

Prereqs: Third-year standing; PSYC 1001; PSYC 1011; 6 credits from PSYC at the 2000 level; or permission of the Department

This course provides information about Industrial and Organizational Psychology (I/O psychology), which studies human behaviour in the workplace using the science-practitioner model. Topics include the appropriate use of people or human resources such as job analysis, performance appraisal, selection, placement, understanding employee behaviour and enhancing the well-being of the employees such as job attitudes, counterproductive work behaviour, health and workplace stress. (Format: Lecture 3 hours)

**PSYC 4991 - A (3 CR)**

**ADVANCED TOPICS IN ORGANIZATIONAL PSYCHOLOGY**

Prereqs: Third-year standing; 6 credits from PSYC at the 2000 level; or permission of the Department

Recommended prereq: PSYC 2301 (not required)

This course is an advanced course including topics from Organizational Psychology such as job satisfaction, person-environment fit, work-life balance, personality at workplace, motivation, performance and selection. (Format: Seminar 3 hours)

**PSYC 4991 - B (3 CR)**

**PSYCH**