

Special Topics Courses 2024-2025

Spring/Summer 2024

ARTH 3991-Z (3 CR)

AVANTE-GARDE CINEMA

Prereqs: ARTH 2101 (or FINH 2101); ARTH/MUSE 2111 (or FINH 2111); or permission of the Department

This course consists of a survey of avant-garde cinema from the late 19th century to the present. It will examine the cinematic contributions to major avant-garde schools and movements such as German Expressionism, Abstraction, Surrealism, and Situationist International, as well as styles and genres specific to film, including Soviet montage, the psychodrama, the structural film, Third Cinema, and the tone-poem. Relevant social and political issues, such as feminism, Marxism, colonialism, psychoanalysis, and existentialism, will also be addressed. [Note 1: This course is cross-listed with SCRN 3991 Avante-Garde Cinema and may therefore count as three credits in either discipline.]

BIOL 3991-Z (3 CR)

CONSERVATION PHYSIOLOGY

Prereq: Third or fourth-year standing; BIOL 2401; BIOL 2101; 3 credits from BIOL 3201, 3811 recommended

This course is designed for Mount Allison students to study collaboratively with students from Universidad de San Francisco de Quito (USFQ) to learn about the conservation of animals in each individual country. Students will learn about the climate/environmental challenges in both Canada and Ecuador, and work to understand animal physiology and use this knowledge to determine if/how animals will respond to climate change, and how we can use that information to help with conservation management. (Format: Field School)

Note: The application deadline for this field school was November 15, 2023

GENS 3991-Z (3 CR)

GLOBAL ENVIRONMENTAL CHANGE

Prereqs: Third-year standing; or permission of the Department

This course will examine the major global changes influencing earth's atmosphere, hydrosphere (including cryosphere), lithosphere, and biosphere. Lectures will investigate the causes and impacts of a variety of global change issues, including potential solutions. Tutorial/laboratory sessions will explore how scientific information about global change are communicated across diverse platforms to stakeholders.

PSYC 2991-Z (3 CR)

PERSONALITY AT WORK

Prereq: Second-year standing; PSYC 1001; PSYC 1011; or permission of the Department

Personality is essential in understanding why people think, feel, and behave the way they do at the workplace. This course will focus on the role of individual differences in predicting and

determining behavior at work. Topics include important aspects of work such as motivation, job performance, employee attitudes, leadership, teamwork, stress, turnover, personality assessment and application of personality to the psychology of work.

PSYC 2991-Q (3 CR)

CROSS-CULTURAL SEXUALITY

Prereq: Second-year standing; PSYC 1001; PSYC 1011; or permission of the Department

This course is an overview of sexuality and sex education from a cross-cultural perspective. The focus will be on social and cultural influences on sexuality. There is a specific focus on comparing the Netherlands and Canada, but we will also explore perspectives in other countries. This class will take place in Utrecht, Netherlands. (Format: Field School)

Note: The application deadline for this field school was November 15, 2023

RELG 3991-Z (3 CR)

THE CAMINO

Prerequisite: Permission of the Instructor

Taking the historic 'Way of St. James' in Northern Spain as the key point of reference, this course compares traditions of religious pilgrimage to contemporary instances of journeying, travel and human movement. How does traditional pilgrimage compare with contemporary issues from both within and beyond the traditional religious context? Students will have the opportunity to undertake a section of the Camino de Santiago pilgrimage route and along the way consider such topics as contemporary eco-tourism, political protest and, secular 'civic' religiosity.

Note: Please contact the course instructor directly for information about this field school course.

SCRN 3991-Z (3 CR)

AVANTE-GARDE CINEMA

Prereq: Third-year standing in the Interdisciplinary Drama Program; SCRN 1001; or permission of the Program Director

This course consists of a survey of avant-garde cinema from the late 19th century to the present. It will examine the cinematic contributions to major avant-garde schools and movements such as German Expressionism, Abstraction, Surrealism, and Situationist International, as well as styles and genres specific to film, including Soviet montage, the psychodrama, the structural film, Third Cinema, and the tone-poem. Relevant social and political issues, such as feminism, Marxism, colonialism, psychoanalysis, and existentialism, will also be addressed. [Note 1: This course is cross-listed with ARTH 3991 Avante-Garde Cinema and may therefore count as three credits in either discipline.]

UNST 2991-Z (3 CR)

ENTREPRENEURSHIP FOR EVERYONE

Prereq: Permission of the Instructor

This course allows students from any discipline the opportunity to explore entrepreneurship. It will allow students to pursue individual or team projects, focus on the initial phases of

entrepreneurship, and emphasize personal development as a core part of the entrepreneurial journey. Students will learn to describe basic business functions, basic financial operations required to run a business, create a business model canvas, and an entrepreneurial project plan.

Note: Inquiries can be directed to careers@mta.ca

VMCS 2991-Z (3 CR)

VISUAL POP CULTURE

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course provides an interdisciplinary critical reflection on popular culture moments from the creation of the internet to the modern day. In this course, students will analyse the role websites like Vine and Tumblr played in the development of the newer generation's visual culture, interrogate how social media apps like TikTok have affected the music industry, and explore the material culture generated via conventions and fan fiction. The course will focus on overarching themes of community and place, the transition of nerd culture from the obscure to the popular, and the impact of internet visual culture on contemporary generations. Moreover, students will discuss how popular culture has changed along with the internet and how the visuality of the internet has changed the way we communicate culturally.

VMCS 3991-Z (3 CR)

MATERIAL CULTURE AND SOCIAL MEDIA

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course presents an overview of the structure of social media platforms and how social media is enmeshed with material culture through different arenas of human behavior, including consumption, friendship networks, identity practices, life course rituals, political behavior, and exchange. Examples and case studies are drawn from a variety of social media platforms and both Western and non-Western cultural contexts.

VMCS 4991-Z (3 CR)

CREATIVITY IN ACTION

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course will enable students to design, under the supervision of a faculty member, their own creative, experiential learning, or research projects on a topic related to visual and/or material cultures. It will guide students through the process of exploring an original idea, researching and developing it, and producing a creative piece or a more traditional deliverable to showcase creative engagement, introspective and contextual reflection, or findings.

Creativity will be at the very core of project development and students will be encouraged to engage with their topics in interesting, insightful, and informed ways.

Fall 2024

ARTH 4991-A

Poetics of Space

Prereq: ARTH 2101; ARTH/MUSE 2111; 3 credits from ARTH at the 3000 level; or permission of the Department

This seminar is designed to critically engage with the concepts of space and perceptions about space, particularly within visual culture. Poetics of Space, is borrowed from Gaston's Bachelard's book of the same title, to explore how we perceive our world, particularly through the lens of visual art. It is about paying attention and observing the minutia of life, memory, and affect. Emphasis will be on reading, writing, and responding to visual culture and the world around us. (Exclusion: FINH 4091 Poetics of Space)

BIOC 3991-A

Research and Communication

Prereq: Third-year standing; or permission of the Department

Scientific research takes place at a number of different institutions. How is it distributed and vetted? How is research conducted? How can I search the scientific literature? This course covers the basics of research, searching databases, scientific writing, what to look for when reading articles. The course also explores the open access movement, research data management, and research impact tracking (bibliometrics/altmetrics). The course features a work-integrated learning component, where students will help an academic journal migrate to a more modern platform, making the workflow simpler and the articles more easily discoverable. [Note 1: This course is cross-listed as CHEM 3991 Research and Communication and may be taken as three credits in either discipline.] (Exclusion: CHEM 4351)

BIOC 3991-B

Metals in Medicine

Prereq: CHEM 2311; or permission of the Department

This course examines the roles metals play in biochemical systems and in medicine. Covered topics include: a review of metal oxidation states and catalytic cycles, and an overview of essential metals in the body (metal toxicity / deficiency), specific disease states involving metals, drug discoveries, and medical treatments involving metals.

[Note 1: This course is cross-listed as CHEM 3991 Metals in Medicine and may be taken as three credits in either discipline.]

BIOL 3991-A

Histology

Prereq: 3 credits from BIOL 2301, 2401; BIOL 2811; or permission of the instructor

This course focuses on histology and histopathology. Histology, or microscopic anatomy, is the branch of biology concerned with the composition and structure of multi-cellular plant and animal tissues in relation to their specialized functions. Histopathology is the study of abnormal cellular morphology and function and is a cornerstone of human and veterinary medicine. The

course covers the evolution of metazoans, and the interplay between structure and function of cellular organizational patterns to produce organs. It aims to provide students with practical skills in microscopy, tissue staining, and independent laboratory problem solving. Through an emphasis on lab skills, students will learn to identify cellular organizations, correlate structure and function, dissect plants and animals, fix “wet” tissues and prepare it for staining, paraffin embed tissues, and section and stain the tissues. (Format: Integrated Lecture and Laboratory)

BIOL 3991-B

Plants and Pollinators

Prereq: BIOL 2301; or permission of the Department

This course investigates the ecological value of commercial wildflower seed mixes, applying ecological and evolutionary theory to applied questions about native versus invasive plants, supporting wild pollinators, and public engagement in conservation. The course takes an experiential approach and works in close cooperation with a community partner, requiring students to engage in a group research project and in producing work of value to the community. (Format: Integrated lecture and laboratory 3h)

CANA 2991-A

The History of Medicine in Canada

Prereq: None

This course provides an introduction to the history of health, illness, and care in Canada. Topics such as humoral and germ theory, epidemics, professionalization of healthcare occupations, rise of the modern hospital, public health, eugenics, and wars will be explored in-depth and demonstrate how particular historical events and movements have shaped Canadian healthcare.

CHEM 3991-A

Research and Communication

Prereq: Third-year standing; or permission of the Department

Scientific research takes place at a number of different institutions. How is it distributed and vetted? How is research conducted? How can I search the scientific literature? This course covers the basics of research, searching databases, scientific writing, what to look for when reading articles. The course also explores the open access movement, research data management, and research impact tracking (bibliometrics/altmetrics). The course features a work-integrated learning component, where students will help an academic journal migrate to a more modern platform, making the workflow simpler and the articles more easily discoverable. [Note 1: This course is cross-listed as BIOC 3991 Research and Communication and may be taken as three credits in either discipline.]

CHEM 3991-B

Metals in Medicine

Prereq: CHEM 2311; or permission of the Department

This course examines the roles metals play in biochemical systems and in medicine. Covered topics include: a review of metal oxidation states and catalytic cycles, and an overview of

essential metals in the body (metal toxicity / deficiency), specific disease states involving metals, drug discoveries, and medical treatments involving metals.

[Note 1: This course is cross-listed as BIOC 3991 Metals in Medicine and may be taken as three credits in either discipline.] (Exclusion: CHEM 4351)

CLAS 3991-A

Underworld in Greece and Rome

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

This course explores Greek and Roman portrayals of the underworld and the afterlife ranging from Homer in the 8th century BC to Christian sources of the 5th century CE. It examines poetry and philosophy, art and drama, catacomb paintings and ritual practices as it seeks ancient answers to questions that continue to intrigue people today.

COMM 4991-A

Brand Management

Prereq: COMM 2211; or Permission of the Department

This course focuses on strategic brand management decisions framed within the context of brand positioning, the brand resonance pyramid, and the brand value chain. Students will learn the strategic and tactical decisions that help to build a brand. Experiential learning includes case studies, class discussions, and a brand audit. Upon completion of the course, students will have examined successful brands and have the tools to begin their own branding strategic decisions. (Format: Lecture/Team Experiential Learning Exercises/Case study 3 hours)

DRAM 2991-A

Improv Acting

Prereq: DRAM/ENGL 1701; or permission of the Department

This course explores various improvisational styles and practices. Students will learn the ways in which improvisation can benefit an actor's growth and development in both comedic and dramatic contexts and traditions.

DRAM 3991-A

Gender, Race, and Popular Culture

Prereq: DRAM 1701; third-year standing in the Interdisciplinary Drama Program; or permission of the Program Director

This course explores portrayals of race and gender in various works of popular culture (such as theatre, film, music, television, etc.). Student will develop an understanding of popular culture as both a material and representational practice, and as a contested site for the enactment of hegemony and resistance. [Note 1: This course is cross-listed as SCRN 3991 Gender, Race, and Popular Culture and may be taken as three credits in either discipline.]

DRAM 3991-P**Edinburgh Fringe**

Prereq: Permission of the Instructor

This A-Term course brings students abroad to Edinburgh's International Fringe Festival, International Film Festival, and to London, UK for experiential learning in theatre and film. Students selected for this course will see a wide range of theatre and film from across the globe and engage directly with international artists. This experience will provide students with global perspectives of the performing arts beyond what is possible in the classroom. The course will comprise an experiential research project that will be completed on the Mount Allison campus during the fall term. [Note 1: This course is cross-listed as SCRN 3991 Edinburgh Fringe and may be taken as three credits in either discipline.]

ECON 2991-A**Food Economics**

Prerequisite: Second-year standing; or permission of the Department

This course will start with a discussion of the role of grains in our socio-economics structures and will end with cake. In between we will visit grocery stores and food banks to understand how families put food on their plate, hear presentations from farmers and food producers about our agri-food industry, discuss the industrial-agricultural processes that leave many growers with out a subsistence living, and study the environmental and health impacts of our existing fast-food lifestyles. This course will be experientially or work-integrated learning based and students will expect to contribute actively towards a final project that engages our community.

ENGL 3831-A**Queer Literature in Canada**

Prerequisite: 6 credits from ENGL at the 2000 level; or permission of the Department

This course explores Canadian and Indigenous literature concerned with queer sexuality/identities and gender variance. Looking to works of fiction, poetry, and drama, the course attends to topics such as queer history/the 'queer archive,' queer horror, gender performativity, chosen families, and Two-Spirit identities. (Format: Seminar)

ENGL 3951-A**You Are the Universe: Literature, Nature, and Self**

Prerequisite: 6 credits from ENGL at the 2000 level; or permission of the Department

We are all made of stardust—you, me, animals, plants, and every other living organism. How does this knowledge affect how we relate to and treat one another and the natural world? This course explores this question and others through a range of fiction, poetry, criticism, literary non-fiction, music, and film from the eighteenth century to the present.

ENGL 4701-A**Culture of Los Angeles**

Prereq: Third-year standing; permission of the Department. Preference is given to students pursuing a course-based Honours

In this seminar course, we will explore representations of Los Angeles in literature, film, and popular music, and we will critically assess various meanings imposed on the city as well as the reasons used to justify those meanings. (Exclusion: 22/FA Literature of Los Angeles)

FINA 1991-A**Drawing Explorations**

Prerequisite: None

This introductory course explores the application of drawing materials, techniques, and theories in a studio context. Aimed at students with an interest in drawing but not necessarily extensive experience, the course provides opportunity to develop skills related to observation; personal reflection; narrative; and image construction. The course also introduces students to the basics of studio critique and analysis of artworks. (Format: Studio 6 hours)

Note: This course is open to non-fine arts majors

FREN 3991-A**Immigration et Mobilités**

Prereq: FREN 2601; or permission of the Department

This course explores the literary representation of immigration as a social phenomenon. Through the analysis of four works of fictions published in the first two decades of the twenty-first century and the narrative situations that the protagonists encounter throughout the plot, students will deepen their knowledge of specific dynamics particular to Francophone Literature. Furthermore, the reading of novels will give an overview of the way literature reflects the most current debated issues related to traveling abroad, geographical and imaginary borders as well as intercultural dialogue in contemporary societies.

GENS 3991-A (3 CR)**Sky Eyes: Reading Landscapes**

Prereq: GENS 1401; GENS 2441; or permission of the Department

The purpose of this course is to learn tools and techniques for identifying and interpreting landforms and landscapes. Remotely sensed data (e.g., satellite imagery) will be analyzed using one or more image processing software packages. The goals include being able to identify and characterize various landforms (e.g., estimate size) and being able to identify potential natural hazards (e.g., likelihood of a slope failure). Students who complete the course should be able to assess and solve actual challenges related to human interactions with landscapes, such as picking a landing site for an aircraft, picking a route for a hiking trail, avoiding a hazard area, etc.

HIST 3991-A

Public History and Popular Culture

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

Only a very small minority of the population gains its knowledge of history through formal academic study. Our historical consciousness is largely shaped by representations of the past that are created outside the classroom walls; in other words by various forms of public history. This course is concerned with evaluating and critiquing the products of popular culture we encounter in our everyday lives--ranging from movies and bestselling novels to computer games and Youtube videos--as vehicles for communicating historical knowledge to a mass audience. It pays particular attention to the role of popular culture in creating dominant narratives and reinforcing traditional hierarchies; as well as its potential for recovering the forgotten histories of minority communities, and democratizing and decolonizing our collective memory. The course content is international in scope, and designed to appeal to students from a variety of disciplines.

INDG 2991-A

Residential School Legacy

Prereq: Second-year standing; or permission of the Department

This course provides an overview of similarities and differences in residential schools over time and space with a focus on commemoration initiatives that involve community, archives, libraries and museums in addition to interactive mapping of these initiatives for education and awareness. (Format: Seminar 3 hours)

INDG 3991-B

Exploring Indigenous Feminisms

Prereq: Third-year standing; or permission of the Department

This course considers themes, topics and concepts related to Indigenous Feminisms, which is an emerging field with powerful voices and views about the programme and identity of Indigenous Feminisms itself. (Format: Seminar 3 hours)

MUSE 4991-A

Virtual Feminist Museum

Prereq: ARTH 2101 (or FINH 2101); ARTH/MUSE 2111 (or FINH 2111); 3 credits from ARTH or MUSE at the 3000 level; or permission of the instructor

This course asks students to examine museological objects as encounters, forming new relations beyond canonical categorizations of style, period, medium and movement, while also critically analyzing museum structures. The term "virtual feminist museum" was coined by art historian Griselda Pollock to describe an encounter between a museum object and an audience that cannot be actualized. Taking inspiration from Pollock and projects like the Museum of Transgender Hirstory & Art, rather than attempting to categorize a comprehensive and universal history or seeking to merely use the language of diversity this course asks students to make their own virtual exhibition using audio, digital or experimental methods. Additionally, students will interrogate the relations between objects and observe how interpretations can influence our understanding of culture.

MUSC 3991-A**Baroque Performance Practice**

Prereq: MUSC 2511; or permission of the Department

This course explores the possibilities for the historically engaged performance of music from the Baroque era (1600-1750). Looking at varied styles of instrumental and vocal music from this period, and drawing on works of diverse composers, this course applies approaches to ornamentation, vibrato, text-music relationships, tempo and meter, and tuning and temperament to culminate in a group performance project. The course will consider ideas from primary source documents and translate them into practical strategies for historically informed performance.

PHIL 4211-A**Philosophy of Bodies**

Prereq: Permission of the Department

This course will explore the ways in which bodies have been included and excluded from Western philosophy. The course will cover issues such as: the perceived hierarchy between mind and body in the history of Western philosophy; the idea of normal vs. abnormal bodies; the connection between our bodies and their environment, including microorganisms; and food politics. (Format: Seminar 3 hours)

PHYS 3991-A**Physics of Flight**

Prereq: 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. Beginning from a kinetic theory of gasses and working through to the Navier-Stokes relations, this course will also introduce topics and technologies such as UAVs, computational fluid dynamics simulations, and considerations for transonic and supersonic flight.

POLS 3991-A**Soviet and Post-Soviet Politics in Comparative Perspective**

Prereq: POLS 1001; 6 credits from POLS at the 2000 level; or permission of the Department

This comparative politics course considers the Union of Soviet Socialist Republics (USSR) from its beginnings in the Russian Revolution to its demise in 1991, and the 15 independent states that emerged in its wake. Beginning with a critical examination of the Soviet regime's formal and informal institutions and political culture, it considers the causes and consequences of the Soviet collapse and compare the post-Soviet trajectories of Russia and the other Soviet successor states. The course covers Marxist-Leninist ideology, economic planning, management of ethnic and religious diversity, tools of state surveillance and repression, nationalism and ethnic conflict, secession and de-facto states, economic 'shock therapy,' the rise of so-called 'oligarchs' and clan politics, 'colour revolutions,' 'competitive authoritarianism' resurgent patriarchy and neo-traditionalism, and regional wars including Russia's ongoing invasion of Ukraine.

POLS 3991-B**The Politics of Migration: Global Comparative Perspectives**

Prereq: POLS 1001; 6 credits from POLS at the 2000 level; or permission of the Department

This course compares and contrasts immigration policies and regulations around the world. Topics may include economic needs, environmental and demographic changes, security concerns and political factors that shape both immigration and refugee policies. Students may explore debates around refugee and asylum procedures, citizenship naturalization, and border controls.

PSYC 3991-A**Evolution and Human Behaviour**

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

This course explores contemporary knowledge human psychology and behaviour, especially social behaviour, from an evolutionary perspective. Topics include foraging, cooperation, mating strategies, etc. Themes will be discussed with an interdisciplinary approach and include research by anthropologists, biologists, psychologists, and other disciplines. Students will gain experience reading and evaluating primary research articles.

PSYC 4991-A**Psychological effects of meditation**

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

This is an advanced course in psychology that will focus on how meditation affects the mind and brain. While meditation is documented to have been around for several millennia, this course will focus on recent scientific research on how meditation affects our thinking, feeling, attention, memory, and brain activity. Several forms of meditation and meditative techniques will be considered, and their individual effects on our psychology will be discussed. The aim of this course is to help develop a deeper understanding of the influence of meditation on our psychology, while also advancing a critical analysis of research design and interpretation.

PSYC 4991-B**Neurobiology of Learning and Memory**

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

This seminar course will examine current research related to the neurobiology of learning and memory. How do we measure learning and memory? Which regions of the brain are involved in learning and memory? What changes take place within the nervous system that allow for learning and the formation of memories? What roles do neurotransmitters, synaptic plasticity, long-term potentiation, and epigenetic changes play?

Note: A background in biopsychology is strongly recommended

SCRN 3991-A**Gender, Race, and Popular Culture**

Prereq: Third-year standing in the Interdisciplinary Drama Program; SCRN 1001; or permission of the Program Director

This course explores portrayals of race and gender in various works of popular culture (such as theatre, film, music, television, etc.). Student will develop an understanding of popular culture as both a material and representational practice, and as a contested site for the enactment of hegemony and resistance. [Note 1: This course is cross-listed as DRAM 3991 Gender, Race, and Popular Culture and may be taken as three credits in either discipline.]

SCRN 3991-P**Edinburgh Fringe**

Prereq: Permission of the Instructor

This A-Term course brings students abroad to Edinburgh's International Fringe Festival, International Film Festival, and to London, UK for experiential learning in theatre and film. Students selected for this course will see a wide range of theatre and film from across the globe and engage directly with international artists. This experience will provide students with global perspectives of the performing arts beyond what is possible in the classroom. The course will comprise an experiential research project that will be completed on the Mount Allison campus during the fall term. [Note 1: This course is cross-listed as SCRN 3991 Edinburgh Fringe and may be taken as three credits in either discipline.]

SCRN 4001-A**True Crime**

Prereq: Third-year standing; SCRN 1001; SCRN/ENGL 2001; or permission of the Department

This course examines a range of true crime events as depicted on screen. It explores the ways in which our understandings of real-life crime are habitually filtered through the media in the form of films, TV series, docuseries, podcasts, news and social media. Through various case studies, this course explores the 'true crime' phenomenon through a variety of critical frameworks, including the ethics of representation; the legal system; criminal profiling; criminal psychology; historical and contemporary journalism; fan culture; social history and discrimination. By interrogating the complex relationship between true crime and popular culture, students will gain critical insights into the field of true crime.

SPAN 3991-A**Literature Against Fascism**

Prereq: SPAN 3101; or permission of the Department

Writers from the Hispanic world have a long tradition of representing the socio-political problems of their time. This course attempts to provide an overview of this theme from the Spanish Civil War to the armed conflicts and dictatorships in Latin America. Delivered in Spanish.

VMCS 2991-A

Food Practices

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course explores the relationships between food and belonging. Focused especially on the study of recipes connected with contemporary East Asian communities around the globe, the class combines hands-on study with the analysis of important scholarship that helps us understand ways that food practices (including, for instance, cultivation, cooking, and storage) shape our sense of connection within social groups including families, friends, classmates, neighbours, and religious communities.

VMCS 3991-A

The Picture Book Project

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course examines children's literature read in schools, libraries, homes, and other literacies learning contexts in our rural region. Studying these materials together with scholarship produced by experts in fields such as Disability Studies, Queer Studies, and Women and Gender studies, class members will leverage their learning about the ways picture book representations of diverse lives matter to collaboratively imagine, design, and implement an intergenerational literacies initiative with innovators in our Tantramar community.

VMCS 4991-A

The Visual Culture of Anime

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

There is an anime for everything. A human family that transforms into animals? Check. Animals that act like humans? Check. Cells in a human body that are humans? Check. But what is it that makes anime as a visual form so appealing to international audiences? This course explores the visual culture represented in and supporting anime, with specific emphasis on the portrayal of school/education themes, food culture, and romantic relationships. We will also explore anime franchises as they resurface in North American popular culture and fan media. All readings and anime will be in English or contain English subtitles. The delivery form will be seminar and students are encouraged to fully participate in guided class discussions through informed, pertinent commentary and by moderating sessions in groups.

Winter 2025

ARTH 3991-A

Art & The Anthropocene

Prereq: ARTH 2101 (or FINH 2101); ARTH/MUSE 2111 (or FINH 2111); or permission of the Department

This course will examine the epoch of the Anthropocene through the lens of contemporary art. The Anthropocene epoch is a proposed geological age during which human activity has been the dominant influence on geological processes. Drawing together the power of representation and the understanding that matter is making us as much as we are making it, this course will

examine how art functions to index, critique, mobilize, inform, and perform various issues involved with the naming and insinuated responsibility of the Anthropocene.

BIOC 3991-A

Oxygen Cascade Biology

Prerequisites: BIOC 2001; or permission of the Department

This seminar course will examine aspects of the “Oxygen Cascade”, which encompasses the physiological and biochemical processes involved in the uptake, transport, and delivery of oxygen in animals. It will cover the regulation of oxygen cascade components at the molecular, cellular, and physiological levels in response to various biotic and abiotic stressors. [Note 1: This course is cross-listed as BIOL 3991 Oxygen Cascade Biology and may be taken as three credits in either discipline.]

BIOC 4991-A

Applications of Instrumental Analysis

Prereq: CHEM 3421; or 6 credits from BIOC 3001, 3521; or permission of the Department

This course seeks to apply principles of instrumental analysis to current research activities within the Department of Chemistry and Biochemistry. Students will lead interviews of faculty members to identify opportunities or challenges that may be addressed using a combination of analytical principles and instrumentation. Following the faculty interviews, students will prepare an oral presentation summarizing their discovery and other relevant information. With the guidance of the course instructor, students will conduct a literature review and then prepare a research proposal wherein they identify an analytical objective, and the resources required to complete the project from an analytical perspective. This course will include demonstrations of a wide variety of topics in instrumental analysis along with considerations in sample collection, sample processing, data collection and data analysis. Qualitative and quantitative applications will range from strategies for elemental speciation to profiling natural products, amino acids, lipids, peptides, proteins and nucleic acids. [Note 1: This course is cross-listed as CHEM 4991 Applications of Instrumental Analysis and may be taken as three credits in either discipline.]

BIOL 3991-A

Introduction To Bioinformatics

Prereq: BIOL 2811; or permission of the Department

This course introduces the fundamental concepts, technologies, and applications of bioinformatics. Students will explore the role of bioinformatics across biological disciplines, learn about cutting-edge sequencing and computing technologies, and gain exposure to the sub-disciplines of the field including genome assembly, transcriptomics, and metagenomics. The course will involve critical analysis of bioinformatic studies as well as hands-on experience with UNIX (no previous coding experience required), quality control, and best practices in data processing and analysis.

BIOC 3991-B

Oxygen Cascade Biology

Prerequisites: BIOC 2001; or permission of the Department

This seminar course will examine aspects of the “Oxygen Cascade”, which encompasses the physiological and biochemical processes involved in the uptake, transport, and delivery of oxygen in animals. It will cover the regulation of oxygen cascade components at the molecular, cellular, and physiological levels in response to various biotic and abiotic stressors. [Note 1: This course is cross-listed as BIOC 3991 Oxygen Cascade Biology and may be taken as three credits in either discipline.]

BIOL 3991-C

Scientific Communication

Prereqs: Third-year standing; 3 credits from BIOL 1001, 1501; or permission of the Department.

This course will teach upper year students in biology and related fields the fundamentals of science communication. Topics will cover ideas relating to how we perceive and construct knowledge in the biological sciences (e.g., learning theory and rhetorical studies), as well as build practical skills in public engagement (e.g., live programming and media science) and academic communications (e.g., professional scientific writing and presentations). Examples will be drawn from the biological sciences, and students will have the opportunity to tailor assignments to areas of biology that interest them. Evaluation will be based on assignments, projects, and class participation. (Format: Lecture/Seminar 3 hours and Lab)

BIOL 4991-A

Advanced Human Physiology

Prereq: BIOL 3211; or permission of the Department

This course integrates the fundamental systems of human physiology and applies them to complex human physiological questions. Students will learn in-depth anatomy and physiology and will use problem-based learning to study the relationships between systems. Students will complete independent research on areas of clinical physiology with a focus on integrating multiple physiological systems to understand the process of homeostasis from a wholistic view. (Format: Integrated lecture and laboratory 3h)

CHEM 4991-A

Applications of Instrumental Analysis

Prereq: CHEM 3421; or 6 credits from BIOC 3001, 3521; or permission of the Department

This course seeks to apply principles of instrumental analysis to current research activities within the Department of Chemistry and Biochemistry. Students will lead interviews of faculty members to identify opportunities or challenges that may be addressed using a combination of analytical principles and instrumentation. Following the faculty interviews, students will prepare an oral presentation summarizing their discovery and other relevant information. With the guidance of the course instructor, students will conduct a literature review and then prepare a research proposal wherein they identify an analytical objective, and the resources required to complete the project from an analytical perspective. This course will include demonstrations of a wide variety of topics in instrumental analysis along with considerations in

sample collection, sample processing, data collection and data analysis. Qualitative and quantitative applications will range from strategies for elemental speciation to profiling natural products, amino acids, lipids, peptides, proteins and nucleic acids. [Note 1: This course is cross-listed as BIOC 4991 Applications of Instrumental Analysis and may be taken as three credits in either discipline.]

COMM 4991-B

International Management

Prereq: COMM 4311; or permission of the Department

This course deals with the challenges of working in international environments and managing strategic issues that arise in rapidly growing international organizations of different sizes and sectors. The course aims to help students develop an international leadership mindset while considering the specific features of local environments. The topics covered in the course may include understanding institutional contexts across the world, international business strategies, internationalization of small and medium-sized enterprises (SMEs), organization design for international organizations, international business negotiations, and people management in international firms. The central theme of the course is adapting to the ever-increasing international diversity of organizations through fostering managerial and cultural intelligence. (Format: Lecture/Seminar/Field project 3 Hour).

DRAM 2991-B

Playwriting And Dramaturgy

Prereq: DRAM 1701; or permission of the Department

This course will allow students to delve into the nuts and bolts of dramatic structure in order to understand what makes for a "good" play, why we tell certain stories, and how playwrights craft their work. Learning opportunities will include play analysis, creative writing, and direct engagement with professional Canadian playwrights. [Note 1: This course is cross-listed as ENGL 2991 Playwriting and Dramaturgy and may be taken as three credits in either discipline.]

DRAM 2991-C

Verbatim Theatre

Prereq: DRAM/ENGL 1701; or permission of the Department

This course introduces students to verbatim theatre, which assembles the spoken words of real people into works of drama. Students will study a variety of verbatim theatre texts to understand how the medium challenges power and interrogates notions of truth, authenticity, and perspective.

DRAM 3991-A

Queer Performance

Prereq: DRAM 1701; third-year standing in the Interdisciplinary Drama Program; or permission of the Program Director

This course aims to dismantle heteronormative performance traditions and allow students to express themselves authentically and truthfully. Students will develop a strong understanding and foundation of "self" based on Queer theatre history, diverse identities, lived experiences,

and other socio-cultural considerations with an emphasis on defining and expressing “Queer” identities and forms on the stage.

ECON 4991-B

Historical Origins of Economic Growth

Prereq: ECON 1001; ECON 1001; or permission of the Department

Economic growth examines the significant variation in levels of income, education, and health across countries. Key questions include: Why are some countries so rich while others are so poor? Why do some grow quickly while others grow slowly? This course explores the historical origins of economic growth, focusing on factors such as culture, institutions, geography, and the enduring impacts of colonialism. It also considers historical factors influencing the economic growth of Canadian Indigenous populations.

(Exclusion: ECON 3501)

ENGL 2991-B

Playwriting And Dramaturgy

Prereq: ENGL 1201; or permission of the Department

This course will allow students to delve into the nuts and bolts of dramatic structure in order to understand what makes for a "good" play, why we tell certain stories, and how playwrights craft their work. Learning opportunities will include play analysis, creative writing, and direct engagement with professional Canadian playwrights. [Note 1: This course is cross-listed as DRAM 2991 Playwriting and Dramaturgy and may be taken as three credits in either discipline.]

ENGL 3911-A

Fluid Identities: Androgyny & Hybridity in Gothic Literature

Prereq: 6 credits from ENGL at the 2000 level; or permission of the Department

This course explores the ways in which the Gothic destabilizes fixed categories of gender, sexuality, race, and species, reimagining and often celebrating more fluid and hybrid identities. It will examine how the Gothic genre (in the form of poetry, fiction, film, art, and music), from its origins to contemporary works, reflects and influences broader societal discussions about identity and belonging.

ENGL 3991-A

Indigenous Literature in Canada

Prereq: 6 credits from ENGL at the 2000 level; or permission of the Department

This course explores a range of Indigenous literatures produced in Canada. Looking to examples of Traditional Orature, Wonderworks, Indigenous Futurism, Documentary, and other exciting genres, the course attends to topics such as cultural preservation/reclamation, survivance, decolonization, Two-Spirit identities, and the ongoing legacy of settler-colonialism.

(Format: Seminar)

ENGL 3991-A**Ecologies of the Book**

Prerequisite: ENGL 2201; ENGL 2301; or permission of the Department

This course examines the way books are part of physical, material, and natural ecologies, starting with the earliest form of the codex book—the medieval manuscript. We will consider the evolution of the codex from earlier text forms and explore the way the physical structure of the manuscript reshaped human thought in medieval European cultures. The forms of medieval literature, including encyclopedias, bestiaries, herbals, and poetry, and the materials of the book, including parchment, illumination, and bindings, will be discussed in their relation to nature and the human body. From there, we will look at related cultural forms from the medieval era, including cosmological objects such as prayer beads, enclosed gardens, reliquaries, altar panels, stained glass, and cathedral architecture. The course will also consider the ways in which the natural world itself functioned as a text in the medieval era, participating in knowledge-making work that supported human cognition. With this thorough examination of the ecological networks of medieval books, we will extend the discussion to consider the ways in which the roots of our contemporary cultures of knowledge are also part of these ecologies, and what that might mean for living in a time of climate change. We will also discuss the physicality of books and literature: that is, how they are forms of knowledge that are intimately connected to our bodies and the ecologies we inhabit.

ENGL 4231-A**True Stories**

Prereq: Third-year standing; permission of the Department. Preference is given to students pursuing a course-based Honours

This seminar will interrogate the popular “based on a true story” proclamation, examining how a handful of dynamic twenty-first century literary works represent the truth. The course will situate these works in dialogue with several topics, including the rise of autofiction, the resurgence of the historical novel, the journalistic drive for accuracy, and the challenges posed by hypermediation. The overall aim is to appreciate the literary and theoretical material in the process of gaining a deeper understanding of literature’s capacity to transmit knowledge at the present moment.

FINA 3991-A**Repeatable**

Prereq: FINA 1921; FINA 1931; 12 credits from studio courses at the 2000 level; 6 credits from studio courses at the 3000 level; or permission of the Department

This course focuses on making unique images, objects, or installations using the techniques and practices of repeatable images and objects. Participants utilize printmaking techniques and three-dimensional multiples to complete singular art projects. The course emphasizes technical exploration and critical discussion in the development of new artworks.

Experience in print media is recommended.

(Format: Studio 6 hours)

FINA 3991-B**Painting in the Expanded Field**

Prereq: FINA 1921; FINA 1931; 12 credits from studio courses at the 2000 level; 6 credits from studio courses at the 3000 level; or permission of the Department

This course examines the idea of “Painting in the Expanded Field”, an idea that relates to the production of painting in relationship to constructed or existing three-dimensional spaces and materiality. Students experiment with colour and process-based methods, non-traditional means of painting, found materials, alternative colour sources, installation, and textile/fibre-based practices. (Format: Studio 6 hours)

FINA 3991-C**Performance: The Body**

Prereq: FINA 1921; FINA 1931; 12 credits from studio courses at the 2000 level; 6 credits from studio courses at the 3000 level; or permission of the Department

This course explores performance art practices, through individual and group actions in a studio context. Engaging performance art in technical, critical, and theoretical ways, the course investigates the diverse possibilities of performance art and its direct relationship to (time-based) digital technologies. Exploring performance as a distinct discipline and tool, students expand the use of performance in an intricate way, primarily using their voices, their bodies, and immediate digital platforms. (Format: Studio 6 hours)

FINA 3991-D**Colour: Sequenced and Bound**

Prereq: FINA 1921; FINA 1931; 12 credits from studio courses at the 2000 level; 6 credits from studio courses at the 3000 level; or permission of the Department

This course explores the language of colour photography transitioning from gallery walls to book form. The course introduces practical strategies for generating ideas, shaping and completing a body of work, and methods of book making. The course focuses on the development of students’ technical, conceptual, and critical skills in relation to creating narrative through editing, sequencing, pairing images, and the interplay of subject and bookmaking. Experience in photography is recommended. (Format: Studio 6 hours)

FREN 3991-A**Enfances Littéraires**

Prereq: FREN 2601; or permission of the Department

This course will examine literary representations of childhood among a selection of authors from the 20th and 21st centuries, with a special focus on characters encountering new cultures and languages as they grow up.

FREN 3991-B**Music, Literature and Diaspora**

Prereq: FREN 2601; or permission of the Department

This course questions the function of music as a footbridge between Francophone literature and Afro-diasporic studies. Whether it be praise for traditional librettists and storytellers or a narrative strategy consisting of model fictions following a folktale pattern, or even the incorporation of urban rumor and gossip, orality has long been central to this esthetic in Francophone fiction. However, a recent writing practice also brings forward a dialogue between fiction and specific musical genres such as Jazz, Blues, Rumba or Reggae. Sometimes the novel is related to a popular song by intertextuality. At other times the plot is framed like a harmonic where narrative sequences and musical composition alternate. Another strategy consists of building up a fiction in a mimetic relationship with a musical scene, for example when a musician is a narrator or a main character of the novel. Through the reading of four Francophone novels, students will analyze the richness of these practices from a stylistic point of view as well as in their discursive effect.

GENV 3991-A**Geography of Finance**

Prereq: Third-year standing; GENV 1201; or permission of the Department

This seminar course will introduce students to the spatiality of money and finance through an exploration of the global economic geographies of financial flows through its many actors, intermediaries, and instruments. Topics include: bank bailouts, cryptocurrencies, international and national debt, disaster governance and development finance, financial inclusion and exclusion, fintech, microcredit, pension and hedge funds, public finance, student loans, regulation, and sub-prime lending and foreclosures. Students will gain an understanding of the theoretical debates about geographies of money, finance, and power, and be able to demonstrate knowledge of the financialization of everyday life.

GENS 3991-A**Environmental Change: Forest Responses**

Prereq: Third-year standing; GENS 2421; or permission of the Department

This seminar class will examine long-term change in global forests past, present and future. The objective of this course is to explore how present-day tree species have dispersed and organized into various forest communities throughout the Holocene (last 12,000 years) in response to a range of environmental changes. Methods of paleo-forest analysis will be investigated, that provide evidence of forest ecosystem shifts during recent millennia. Cumulative effects of human activities throughout the Anthropocene will also be investigated to assess how forests have been altered. Finally, anticipated forest response to contemporary climate changes will be estimated using published models and knowledge of past events, to forecast how future forests may be reorganized.

INDG 2991-B**Cartography and Reconciliation**

Prereq: Second-year standing; or permission of the Department

This course focuses on treaty-based relationships and the residential school legacy in the context of reconciliation with Indigenous Peoples. It includes relevant readings and case studies to explore the usefulness of a critical cartographic approach such as cybercartography as an umbrella for relevant work in a variety of disciplines, including history, public history, geography, archival studies, sociology, development ethics, and multidisciplinary work in Indigenous Studies (including Indigenous cartographies). (Format: Seminar 3 hours)

MUSC 3991-A**Introduction to Composition and Sound for Video Games**

Prereq: Second-year standing; Registration in the B.Mus. or B.A. Major or Minor in Music, or B.Sc. or B.A. Major in Computer Science, or Joint Major in Computer Science and Music; or permission of the Department

Working in music and sound for video games means not only composing music or designing sounds, but also creating interactive systems. This course provides students with the opportunity to create their own interactive sonic video game or sound installation using the Unity game engine.

MUSC 3991-B**Contemporary Music in Film**

Prereq: Second-year standing; or permission of the Department

This course introduces students to the history of 20th and 21st century contemporary music in film. Students will become familiar with basic film music concepts, and be able to identify the primary ways in which music is used for the moving image. As well, the course provides an overview of the primary avenues in which contemporary and experimental music has been used in film, from Ligeti and Wendy Carlos in the works of Stanley Kubrick, to modern horror and the devised instruments of Mark Korven in *The Witch*, to the work of Hildur Guðnadóttir and Hans Zimmer in more cinematic blockbusters such as *Dune*. [Note 1: This course is cross-listed with SCRN 3991 Contemporary Music in Film and may therefore count as three credits in either discipline.]

MUSE 3991-A**Diversity in Museums**

Prereq: ARTH 2101 (or FINH 2101); ARTH/MUSE 2111 (or FINH 2111); or permission of the Department

This course presents a series of case studies that interrogate how museums attempt to diversify the gallery walls. By examining how museums and galleries present and interpret gender, disability, race, sexuality and other marginalized voices, students will question how successful museums are at including a multiplicity of diverse people and narratives. What does a diverse museum look like? How can museums aim to not only include more diverse voices but also implement systemic changes? (Exclusion: MUSE 4991 Diversity in Museums)

POLS 4991-A**Democracy and Authoritarianism**

Prereq: 3 credits from POLS 3200, 3211, 3221, 3231, 3241, 3251; or permission of the Department

This course examines the institutions that make up democratic and authoritarian regimes around the world. It investigates the processes of democratization and de-democratization. It will explore the causes of democratic backsliding and authoritarian trends within democracies.

PSYC 3991-A**Developing Changemakers: The Psychology of Agency in Action**

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

This lecture course will focus on agency: the sense that we control our own thoughts, emotions, and actions. The course examines psychological approaches to how we can make change in the world and in our own lives.

PSYC 3991-B**Social Cognition**

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

This course examines how people make sense of their social world: how they perceive, represent, interpret, and remember information about themselves and about other individuals and groups. It explores topics such as: representation, recall, and use of social knowledge, controllability of thought processes, effects of feelings and desires, stereotype activation and use, and cultural influences.

PSYC 4991-C**Unusual Experiences at Life's End**

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

This course focuses on the extraordinary things that can happen when someone is approaching death (e.g., dying persons seeing and interacting with deceased loved ones that no one else present can see), at the time of death (e.g., clocks and watches stopping at the exact time of a person's death), or after death (e.g., a person sensing or feeling that a loved one who has died is present). In this course, we will compare various types of end-of-life experiences (e.g., near-death experiences, deathbed visions, terminal lucidity, after-death communications), look at current research in this area, examine possible explanations (e.g., psychological and medical theories) for these experiences, and discuss the implications of these experiences for the dying, their families, and those who work with the dying and their families.

PSYC 4991-D

Science Inquiry in Higher Education

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

This course focuses on topical issues within higher education. Students will explore and engage in discussions of topics including the role of academic institutes, artificial intelligence in education, scientific plagiarism, ethics, academic freedom, etc. Students will have the opportunity to develop professional skills including scientific writing, speaking, and research design.

SCRN 3991-A

Madness and Monstrosity

Prereq: Third-year standing in the Interdisciplinary Drama Program; SCRN 1001; or permission of the Program Director

This course examines themes of 'madness' and 'monstrosity' as depicted in film, television, and the media. Students will discover the ways in which historical notions of hysteria and monstrosity, gender inequality, the patriarchy, and prejudicial medicine continue to infiltrate representations of mental illness on screen. Through frameworks such as gothic feminism, the medical humanities, social (in)justice, neurodiversity, and the concept of the 'other', this course interrogates both historical and contemporary notions of mental illness, neurodiversity, gender and cultural norms through the lens of screen media.

SCRN 3991-B

Contemporary Music in Film

Prereq: Third-year standing in the Interdisciplinary Drama Program; SCRN 1001; or permission of the Program Director

This course introduces students to the history of 20th and 21st century contemporary music in film. Students will become familiar with basic film music concepts, and be able to identify the primary ways in which music is used for the moving image. As well, the course provides an overview of the primary avenues in which contemporary and experimental music has been used in film, from Ligeti and Wendy Carlos in the works of Stanley Kubrick, to modern horror and the devised instruments of Mark Korven in *The Witch*, to the work of Hildur Guðnadóttir and Hans Zimmer in more cinematic blockbusters such as *Dune*. [Note 1: This course is cross-listed with MUSC 3991 Contemporary Music in Film and may therefore count as three credits in either discipline.]

VMCS 2991-B

Introduction to Anime

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course is an introduction to a critical approach to anime as a form of media, industry, and a cultural artefact. We will build upon our individual understandings of the Japanese style of animated film through discovery of a history of the medium and its place in Japan's society. Importantly, we will also consider the transnational and transcultural dimensions of anime as a global form of media. Anime has had a strong impact on worldwide audiences, and we will take

some time to better understand and explore the positionality of global fans and Japanese otaku alike. This course involves a critical understanding of anime as form and object, but it does not include instruction in the creation of anime or manga.

VMCS 3991-A

Happiness and Culture

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course considers how diverse objects shape the ways humans think about and pursue happiness. In this course we will work with a range of material culture (including board games, toys, puzzles, trading cards, and pop-up books), exploring if and how an object-based approach can enrich our understandings and experiences of happiness.

VMCS 3991-B

Professional Development

Prereq: 3 credits from VMCS 1201, 1301; or permission of the Department

This course is designed to provide students with an opportunity to build their professional profile and sharpen their visual and material literacy, intercultural communication skills, social media engagement, cultural heritage understanding, and project management essentials. Through class presentations and hands-on, customised workshops, students will receive practical training that is key in today's global economy and digital age. The course has a weekly unscheduled complement that will expose students to career opportunities and postgraduate study/volunteer options.

WGST 2991-A

Reproductive Justice

This course introduces the key tenets of reproductive justice with a focus on contemporary movements for bodily autonomy. Rooted in Black feminist praxis, reproductive justice incorporates an intersectional approach to sexual health and well-being with a focus on political action. This course will outline the historical development of reproductive justice, highlight key social movements and organizations, and consider contemporary struggles for trans rights, parenting, birth care, and abortion care within a reproductive justice framework.

WGST 2991-B

Feminism Beyond Borders

Prereq: Second-year standing; or WGST 1001; or permission of the Program Director

This course explores transnational feminist praxis with, within, and beyond the institution of the modern nation-state. Course materials draw from the rich history of anti-racist, anticolonial, and anti-imperial feminist theory and practice. Specific course topics vary from year to year, but include: transnational surrogacy, sex work, migrant labour, care work, prisons, mining, tourism, climate action, war, militarization, and more. Course materials include scholarly texts as well as videos, blog posts, visual and performance art, and materials produced by and for transnational feminist activism. (Format: Lecture/Discussion)