

ARTS 1991: (3 CR)**THINKING THROUGH THE ARTS: CRITICAL AND CREATIVE PRACTICE**

This course explores questions such as: how do poetry, language, art, music, and other creative practices help us think and to understand the world around us; how creative and critical thinking help us build our intellectual capacity and form our learning skills. The course primarily engages literature and literary questions, connecting literary practices to other creative and critical practices in Arts disciplines. It builds competencies and skills that transfer to studies across disciplines and that support life beyond university. 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) (Distribution: Arts a)

COMP 1991 – A (3 CR)**ADVANCED INTRODUCTION TO COMPUTER SCIENCE**

Prereq: Inquiries can be directed to Dr. Keliher (lkeliher@mta.ca)

This course introduces concepts in computer science with a focus on programming. Topics include: basic computer architecture, binary representation of data, algorithms and programs, and various computer language paradigms. Students learn good program design in a functional language. It is aimed at students who have some previous programming experience. [Note: COMP 1991- A- Advanced Intro to Computer Science may be used as a prerequisite for COMP 1731] (Format: Lecture 3 Hours, Laboratory 1.5 hours) (Distribution: Natural Science-a)(Exclusion: COMP 1631).

DRAM 3991-A (3 CR)**PERFORMING COMEDY**

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

This course builds upon the core acting principles of committing to one's objective and reacting to one's scene partner, with a specialized focus on comedic timing and physicality. It explores the challenges of performing comedy through contemporary and classical scenes as well as through a final individual research-based performance project. (Format: Lecture/Workshop 3 Hours).

DRAM 3991 – B (3 CR)**HISTORICAL AND CONTEMPORARY THEATRE**

This course will develop a set of methodologies through examining the material conditions of several periods of theatre history. These questions and approaches will be used by students to

examine their own individual projects focusing on contemporary theatre forms. (Format: Lecture 3 Hours)

MUSC 3991- A (3 CR)

RENAISSANCE AND BAROQUE PERFORMANCE PRACTICE

Prereq: MUSC 2211; or permission of the Department

Instructor consent required (lpearse@mta.ca)

This course engages with audio, visual, and textual materials to explore approaches to the performance of European art music stemming from the Renaissance and Baroque periods. Students draw on and synthesize a variety of materials: historical treatises on ornamentation, improvisation and performance practice; contemporary recordings of early music; and recent scholarly writings on early music performance practice. It provides students with a better understanding of period-appropriate techniques, ornamentation, and styles, in their performance of early European art music. (Format: Lecture 3 Hours)

PHYS 4991 (PHYS 474 at Bishop's University) (3 CR)

RELATIVISTIC ASTROPHYSICS

Pre-req: fourth year standing in a Physics Major, Minor, or Honours

Topics include: Cosmology, inflation, dark energy, compact objects, relativistic fluid dynamics, gravitational lensing and gravitational waves.

Format : Telepresence lecture (this course is delivered via telepresence technology by Dr. Valerio Faraoni at Bishop's University)

For more information contact Dr. David Hornidge (dhornidge@mta.ca)

POLS 3991 – A (3 CR)

PROBLEMS IN CONTEMPORARY INTERNATIONAL RELATIONS

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

Inquiries can be directed to Dr. Devine (jtdevine@mta.ca)

PSYC 3991-A (3 CR)

SPORT PSYCHOLOGY

Prereq: Third year standing; PSYC 1001, 1011; 6 credits from PSYC at the 2000 level; or permission of the Department (gouellette@mta.ca)

This course presents an overview of sport psychology within the framework of psychological science. Sports psychology involves the study of psychological variables that impact participation and performance in athletics; it incorporates theories and research from many areas of psychology, including personality, social, cognitive, and clinical. The course reviews and applies relevant theories and research to the context of performance in sport and participation in physical activity as well as to coaching. Course content bridges theory and empirical study with practical applications to health and sport. (Format: Lecture 3 Hours)

PSYC 4991-A (3 CR)

ADV. IN NEUROTECHNOLOGY

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

This course explores recent advancements in technology, from neuroimaging to brain-mind interfaces, that provide new insights into the human mind, novel treatments for neurological disorders, and enhancements of mental capacities. Discussions include: strengths and limitations of technologies for understanding the mind and brain, how these technologies can support and enhance human lives, the ethical implications of use of these technologies, and areas of future research and application. (Format: Seminar 3 Hours)

RELG 3991 – (3 CR)

FIELD COURSE IN RELIGIOUS STUDIES

Prereq: Instructor consent required; Completion of RELG 3901, Approaching the Ultimate: Themes and Theories in Religious Studies, is recommended before registering for this course. This course provides students with an intensive field experience, during which they pursue research on a topic to be chosen by the Instructor. [Note: This course requires attendance at a multi-day off-campus field camp and students will be liable for some field trip costs. In 2019 Fall, the course will take place in Haida Gwaii, British Columbia. Please contact the Department for more information.] (Format: Field course)

SPAN 2991-A (3 CR)

INDIGENEITY IN THE AMERICAS

Prereq: Instructor consent required (jmartine@mta.ca)

This course introduces the Indigenous people of Latin America (Abya Yala) under the perspective of 'buen vivir' (good Living, Indigenous vision of the world). Through readings, discussions, and videos, it explores a new epistemology where 'other worlds are possible', against the patriarchal, racist, sexist, and classist vision of society and the exploitation of natural resources, in search of the liberation and care of Mother Earth. (Format: Lecture 3 Hours)

UNST 3991-A (3 CR)

COMMUNITY ENGAGED LEARNING: PRINCIPLES AND PRACTICE

Prereq: Second year standing; Instructor consent required (mfox@mta.ca or fblack@mta.ca)

This course is for students interested in working with children at the Grade 5-8 level and in learning about community development through experiential learning. Working with faculty at Mount Allison and Marshview Middle School, students help design and run project-based learning programs for students at Marshview Middle School (MMS), exploring such topics as community gardening and food security; culinary arts; outdoor education; and more. [Note: This course requires a criminal record check and completion of the Pupil Protection Protocol (Policy #701), with assistance of the instructor.] (Format: Community-based Research, Applied Learning Wednesday afternoons/3 Hours)

UNST 1991 (3 CR)

KEYS TO UNDERSTANDING IN THE SOCIAL SCIENCES

This course explores how we can interpret and understand the world around us through the social sciences (politics, economics, sociology, geography, environmental studies, gender studies, commerce, and international relations). The course fosters interdisciplinary analysis, helping students see connections between their courses, and the relevance of their studies to global issues and topics. Intended for first-year students, this course aims to help students transition to university-level work in the social sciences, and supports students as they develop good work habits, study skills, work-life balance, and information management skills. The course includes readings, lectures, small group tutorials, and experiential learning components. (Format: Lecture 3 Hours)

2020 Winter Term Special Topics Courses

BIOL 3991 - A (3 CR)

ECOTOXICOLOGY

Prereq: BIOL 2101 and permission of the instructor (jliefer@mta.ca)

This course examines how natural toxins and anthropogenic pollutants like industrial waste or microplastic residues affect ecosystems. It focuses on sources of these toxins, including the physiology of toxin production by organisms and explores how toxins are transported through natural environments and food webs as well as how organisms and ecosystems respond to them. (Format: Lecture 3 Hours)

CLAS-2991-A (3 CR)

THE ARCHAEOLOGY OF BUILDINGS AND LANDSCAPES: TECHNIQUES AND TECHNOLOGIES

This course introduces the range of techniques and technologies applied to archaeological sites, standing buildings, and cultural landscapes around the world. Topics such as research designs, survey and mapping, and architectural and stratigraphic analysis will be covered with an emphasis on hands-on learning in the classroom and local field sites. (Format: Lecture 3 Hours)

HIST 1991 - A (3 CR)

INTRO. TO NORTH AMERICAN ENVIRONMENTAL HISTORY

This course thematically examines the historiography of North American environmental history with emphases on the quickening pace of change during the 19th and 20th centuries. Themes to be explored include agriculture and natural resources, parks and conservation, tourism, technologies and high modernism, art, food, urban environments, and Indigenous-Settler relationships. The class themes also integrate the intersection of socio-economic, racialized, and gendered identities. This course focuses on Canada and the United States but also considers other transnational and global environmental interactions because nature does not easily align itself with human-imposed political boundaries. Students will have the chance to explore a variety of material, visual, and textual sources. (Format: Lecture 3 Hours)(Distribution: Humanities)

HIST 3991 (3 CR)

WOMEN AND WAR IN THE EIGHTEENTH CENTURY

This course thematically examines the relationship between women and war in eighteenth-century. Themes to be examined include perceived gender suitability for women in nursing and other caregiving and domestic roles in eighteenth-century European armies, women's political and societal activities on the home front during wartime, and the impact of war on women living theatres of war. (Format: Lecture 3 hours)

INDG 2991- A (3 CR)

INTRODUCTION TO THE MI'KMAQ LANGUAGE

An introductory course for students with no or minimal knowledge of the Mi'kmaq language. Students will explore the connections between land, place, culture, and language while learning vocabulary and sentence patterns. This course will help students understand the importance of Mi'kmaq not only as a language but as a window to a vibrant culture. (Format: Lecture 3 Hours)

PHIL 4991- A (3 CR)

PHILOSOPHY OF MUSIC

Music is a fascinating topic for philosophical reflection. This course will provide an advanced introduction to the philosophy of music with an emphasis on the analytical and empirical traditions. Questions raised may include: What is music? What is the nature of musical works? What is the relationship between music and the emotions? Are some musical tastes better than others? If so, how and why? If not, how should we evaluate music and our musical preferences? Do animals make music? What is the relationship between music and psychology? How and why did music evolve? (Format: Seminar 3 hours)

POLS 3991-B (3 CR)

COMPARATIVE WELFARE STATES

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

This course provides an introduction to the study of welfare states through a comparative lens with a particular focus on Western democracies. The first part of the course provides an introduction to welfare states and welfare regimes. The second part examines challenges facing the welfare state. The third and final part of the course introduces students to comparative welfare attitude research. This course examines the history of the welfare state, the current state of the welfare state, welfare regime types, globalization and the welfare state, demographic challenges to the welfare state, provides a brief introduction to select welfare policies, welfare, migration and citizenship, welfare state retrenchment and finally there is a particular focus on comparative welfare attitude research. This is a writing intensive course. (Format: Lecture/Seminar 3 Hours)

POLS 4991 (3 CR)

ADVANCED PUBLIC POLICY ANALYSIS

Prereq: POLS 3141 – Canadian Public Policy and Instructor consent required
(mlevesque@mta.ca)

This course surveys a limited range of current approaches and techniques of public policy analysis and evaluation. Its objectives are: to develop a student's understanding of various approaches to public policy analysis including various concepts and how they conceive the

study of public policy; and to further sharpen these skills through the detailed examination of a specific policy of the student's choice, that is, students conduct a major piece of primary research. At the end of the course, students are able to critically discuss the merits and the application of the different approaches. [Note: This course counts as a Canadian politics course (31/41 series).] (Format: Lecture 3 Hours)

POLS 4991-B (3 CR)

THE POLITICS OF FRACKING

Prereq: 3 credits from POLS or INLR at the 3000 level; or permission of the Department
The purpose of this course is to examine the politics of fracking through an international relations lens. The course introduces students to hydraulic fracturing, energy security issues, environmental issues, and national and international anti-fracking movements. Additionally, the course explores policies relating to unconventional gas development in North America, Western Europe, Eastern Europe, Africa and Asia, public attitudes towards unconventional gas development, and national and international anti-fracking movements. This is a writing and research-intensive course. (Format: Lecture/Seminar 3 Hours)

PSYC 3991 (3 CR)

PERINATAL HEALTH PSYCHOLOGY

Prereq: Third-year standing; PSYC 1001; PSYC 1011; 6 credits from PSYC at the 2000 level
This course explores the biopsychosocial factors and experiences of women and men during the transition to parenthood, from preconception to three years postpartum. It integrates knowledge from health and behavioural sciences such as: psychoneuroendocrinology, obstetrics and gynecology, maternal-fetal medicine, psychiatry, nursing, midwifery, developmental and clinical health psychology. Topics include: access to prenatal care, infertility, complicated grief after pregnancy or perinatal loss, perinatal mood disorders (e.g., depression, anxiety, psychosis) and infant brain development, fetal growth, preterm birth, developmental origins of health and disease or DOHaD (e.g., fetal programming by epigenetic processes after environmental exposures such as parental lifestyle, nutrition, smoking, alcohol, obesity, and/or endocrine disruptor chemicals/toxins), attachment theory and early parenting. (Format: Lecture 3 Hours)

PSYC 4991 (3 CR)

AGING & ENVIRONMENTAL PSYCHOLOGY

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

This seminar aims to provide students with an introduction to gerontology and to expose them to a series of topics related to aging and environmental psychology structured in four themes: An Introduction to Gerontology, Key Topics in Gerontology, Aging and the Environment, and Controversies and Diversity in Aging. (Lecture: 3 Hours)

RELG 1991 (3 CR)

INTRODUCTION TO COMPASSIONATE COMMUNITIES

This course allows students to explore the concepts of community and compassion as a response to social need as they work out why and how they should be involved in the communities around them. (Format: Lecture 3 hours) (Distribution: Humanities-a)

SOCI 3991 (3 CR)

CRITICAL BORDER STUDIES

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

This course explores the use of borders as comprehensive political tools to maintain and reinforce multiple social boundaries and inequalities symbolically and materially. The course examines how borders are mobilized in and through international and national laws, social institutions and relations to differentially regulate and control the movement of people and condition their access to jobs, resources, and services. It shows how borders have become essential tools for the articulation of the contemporary global order, involving constantly transforming practices, designed for particular means at particular moments, and spurring resistance of various kinds. (Format: Lecture: 3 Hours)

UNST 3991-A AND UNST 4991-A (3 CR)

COMMUNITY AS CLASSROOM

Prereq: Second year standing; Instructor consent required (mfox@mta.ca or fblack@mta.ca)

This course is for students interested in working with children at the Grade 5-8 level and in learning about community development through experiential learning. Working with faculty at Mount Allison and Marshview Middle School, students help design and run project-based learning programs for students at Marshview Middle School (MMS), exploring such topics as community gardening and food security; culinary arts; outdoor education; and more. [Note: This course requires a criminal record check and completion of the Pupil Protection Protocol (Policy #701), with assistance of the instructor.] (Format: Community-based Research, Applied Learning Wednesday afternoons/3 Hours)