

## 2018 Fall Term Special Topics Courses

### **BIOL 3991-A (3 CR)** **MARINE MAMMOLOGY**

Prereq: Third year standing; Instructor consent required (amorash@mta.ca)

This course examines the physiology and ecology of marine mammals. Topics include the evolution of the major marine mammal groups, special adaptations for aquatic life, social dynamics of marine mammals, the role of marine mammals in oceanic ecosystems, and general population biology. Students use this knowledge and recent research in the field to explore conservation/management issues. (Format: Lecture 3 hours)

### **CANA 4991-A (3 CR)** **ABORIGINAL LEGAL AND POLITICAL ISSUES**

Prereq: Third year standing; Instructor consent required (krjohnston@mta.ca)

Political and legal issues are integral to the examination and understanding of Aboriginal rights and relationships with the Settler State. This course examines the legal institutions and practices of Indigenous cultures and how they might be and have been incorporated into the mainstream system. It also examines historic and contemporary Indigenous politics. Topics may include the politics of genocide and (de)colonization, self-determination, gender, identity, land claims, court decisions, as well as international law and borders. (Format: Lecture 3 Hours)

### **CLAS-3991-A (3 CR)** **DIGITAL METHODS IN THE HUMANITIES**

Prereq: Second-year standing, three credits CLAS, HIST, LATI, GREK; or permission of the Department (cforstall@mta.ca).

This course introduces students in arts and letters to basic computational tools and resources that can make their research more effective, and provides transferrable skills that will be useful across disciplines. It surveys current Digital Humanities research projects in several domains, including analysis of poetry, novels, and visual art. The class format combines discussion and critique of published research with hands-on workshops in which we replicate model experiments. It introduces basic techniques of programming in a beginner-friendly environment. No previous coding experience is required. (Format: Interdisciplinary research methods seminar 3 Hours)

**PRACTICING DRAMATURGY**

Prereq: Third year standing; Instructor consent required (vstpierre@mta.ca)

This course introduces students to the practice of dramaturgy and the wide-range of activities performed by the contemporary dramaturg. Combining the study of the theoretical underpinnings of dramaturgy, and the historical development of the role of dramaturg, with practical dramaturgical projects, this class begins





This course examines dynamics of Indigenous history in Canada, especially the ways in which it problematizes the Canadian national narrative, the contributions its study can make to reconciliation, and its significance in addressing issues related to treaty and aboriginal rights in Canada today (the key tests under Sparrow, for instance, of Indigenous rights are historical).

**ECON 3991 (3CR)**

**MATHEMATICAL ECONOMICS**

Prereq: Third year standing; 6 credits in ECON or 6 credits in MATH; or permission of the Department;



continue to preoccupy people in the Maritime provinces. (Format: Lecture 3 Hours)

**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; This study incorporates theories and research from many areas of psychology, including personality, social, cognitive, and clinical. This 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 3991-B (3 CR)**  
**SOCIAL NEUROSCIENCE**

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

This course explores the emerging discipline of social neuroscience with a focus on the interaction between environment, behavior, and biology. Methods include research in social psychology, neuroendocrinology, neuroimaging (e.g., fMRI, PET), and neurophysiology (e.g., EEG). Topics include emotion, behavioral regulation, motivational systems, perceptions of self and others, social hierarchies, and social learning. (Format: Lecture 3 Hours)

**SOCI 4991 (3 CR)**  
**ECONOMY AND SOCIETY**

Prereq: 6 credits from SOCI 3001, 3011, 3301, 3311, or permission of the Department (fantonelli@mta.ca)

This course explores the work of Max Weber with a focus on his theory of rationalization. As economies become more compl



**UNST 3991 / UNST 4991 (3 CR)**

**COMMUNITY AS CLASSROOM**

This course is for students interested in working with children at the Grade 5-8 level and in learning about community development. Working with community partners and faculty in geography and environment, sociology, and religious studies, students help design and run project-based learning programs for students at Marshview Middle School, 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 3 Hours).