

# ISEM 301

## Great Issues Seminars: Spring 2019

Courses marked with an asterisk (\*) run for a partial term (first or second half of semester)

*The Holistic Athlete* – Katie Brown and Colin Whitaker (College of Agriculture & Life Sciences)

**\*Section 01 – Online (WWW), Late 8 Weeks**

This seminar is open to all students regardless of whether they consider themselves athletes. Students will learn how nutrition, physical activity, sleep, psychology, clothing, ethics, etc. are interrelated and affect holistic personal development and healthy lifestyles. Students will learn about the science behind these aspects and will explore how to apply this knowledge to their own holistic health and development, and to their own field of study.

*The Politics of War: Global Conflict in the 20<sup>th</sup> Century* – Patrick Wilson (College of Natural Resources)

**\* Section 03 – W 9:30 – 11:20, Early 8 Weeks**

The course is an exploration of the most tumultuous period in human history. Using political science, history, and economics it examines the politics leading to World War I and World War II, the social dislocation of the intervening years, and the strategic considerations that shaped both of wars. An interrogative learning environment will offer an opportunity to experience and explore the international and national communities that shaped how global citizens understood their place, and their nation's, in a system unraveling under complex pressures.

*Inspiring Lives of Scientists* – George Newcombe (College of Natural Resources)

**\*Section 04 – W 2:30 – 3:20, Early 8 Weeks**

The life stories of great scientists and scholars are inspiring in part because their remarkable insights are often rejected or ignored when first proposed. Their life stories are about persistence and courage in the face of opposition, as much as they are about particular discoveries. Three subjects of this course were central to the development of evolutionary theory (Charles Darwin), genetics (Gregor Mendel), and microbiology and medicine (Louis Pasteur) in the 19<sup>th</sup> century. Two (Alice Kober and Michael Ventris) were scholars who, by 1952, had largely deciphered Linear B, an unknown script of an unknown language discovered earlier in the century in Crete. Each student is expected to make a 10-minute presentation on a scientist of their choice, with student presentations starting in the fourth week.

*Uldaho: A Jazz Tradition* – Kate Skinner (College of Letters, Arts and Social Sciences)

**\*Section 05– TTH 4:00 – 5:20, Early 8 Weeks**

This seminar is linked to the Lionel Hampton Jazz Festival, which celebrated its 50<sup>th</sup> anniversary in 2017. The seminar will explore jazz music, its musical elements and characteristics, its history, its cultural relevance throughout the 20<sup>th</sup> and 21<sup>st</sup> centuries, and how it has influenced all forms of current popular music. Students will learn how to become active jazz listeners and will exercise this skill by participating in several events at the 2018 Lionel Hampton Jazz Festival, Feb. 23-24.

*The Internet of Things (IoT): Energy, Communications & Microelectronics* – Mohsen Guizani (College of Engineering)

**\*Section 10– Online (WWW), Late 8 Weeks**

The primary objective of this seminar is to engage students into discussions of issues related to the topic of global energy crises and the new era of the Internet of Things (IoT) and the future impact of such technologies on societies. This will provide a more comprehensive understanding of the complexities of the global IoT and its impact on our lives from a variety of perspectives: engineering/scientific, historical, legal, socio-political, economic, and environmental. This seminar will engage students in discussions that encompass multidisciplinary topics of the new technology age.

*ISEM 301 Seminars, Spring 2019 - 2*

*Global Leadership Talent Needed* - Jan Rauk (College of Business and Economics)

**\*Section 11 - MWF 1:30-2:20pm (2/25 – 4/12)**

**\*Section 12 – MWF 1:30-2:20pm (1/9 - 2/21)**

In this seminar we will explore today's workplace "megatrends" that influence global market trends. In so doing, we will learn about different styles and types of Global Leadership, and why they are essential for success in business community today. As we look at global leadership, we will review the ten top behaviors that global leaders should possess including: cultural self-awareness, invite the unexpected, results through relationships, frame-shifting, expand ownership, develop future leaders, adapt and add value, core value/ flexibility, influence across boundaries, and third-way solutions. Students will be presented with multi-disciplinary perspective and be expected to attend "international" events sponsored and presented on campus.

*Privacy in the Internet Age* – Norman Pendegraft (College of Business)

**\*Section 13 – TR 8:00 – 9:15am, Early 8 Weeks**

**\*Section 16 – TR 8:00 – 9:15am, Late 8 Weeks**

What is privacy, and how has the Internet changed our views on the matter? What should public policy be? Current events constantly remind us of these questions. Are we willing to forgo privacy for convenience? For social belonging? For national security? These are important questions. The course will try to help students understand the technology and other social issues involved, using a number of historical and contemporary cases as a basis for our conversation.

*Teach to Learn: Money Skills* - Karin Hatheway Dial (College of Business and Economics)

**\*Section 19 – W 2:30-3:20pm, Late 8 Weeks**

Society is strengthened when its citizens are financially literate. Understanding personal bookkeeping, budgeting and financial strategy can bolster society's citizens on both a personal and professional level. This class will help direct a face-to-face simulation called "Your Life's Passport" by playing the vendor part of the live simulation and selling day-to-day goods and services to participants. The participants are inmates from a local correctional facility. Students will learn and teach personal budgeting to others (adult and juvenile offenders). By learning to take ownership of their own personal finances, students will be able to compare and contrast their own financial circumstances to other cultural populations. (This course includes a required field trip to North Idaho Correctional Institution in Cottonwood, date TBD.)

*Active Learning: History & Design* – Cassidy Hall (College of Education, Health and Human Sciences)

**Section 20 – M 8:30 – 9:20**

This course will explore both the pedagogical and classroom design perspectives of active learning while modeling active learning instructional strategies in both low-tech and high-tech forms. The course will begin with an exploration of the history of active learning and end with the current demand for flexible learning spaces and technology rich active learning spaces. It will also include perspectives and guest lectures from faculty and staff currently involved with the Classroom Strategic Planning Workgroup and the Active Learning Discussion Circle who will share the story of how current active learning spaces on campus have evolved and are used. The course will require attendance at the University of Idaho's Active Learning Symposium April 30, 2018.

*Competition, Values and You* – Shaw (College of Education, Health and Human Sciences)

**Section 21 – T 6:00 – 6:50**

This course applies sociology, history, literature, film, political sciences, physical education, and cultural studies to explore the central role of competition and its effect on social and moral values in America, especially as they exist in sport and athletics. This seminar examines the relationship of competition in sports as it relates to and affects gender, race, class, ethnicity, consumerism, media, and other topics.

**NEW!** *Disparities in Obesity Health* – Megan Nelson (College of Education, Health and Human Sciences)

**Section 22– Online (WWW)**

This course will explore health disparities relevant to the US and discuss environmental, social, behavioral, and cultural factors associated with health disparities. The seminar will cover disparities in obesity, physical activity, inactivity, food access, and stress. Students will explore individual-level, community-level, and state-level strategies needed to lessen the gap in these health disparities. The seminar will provide a multidisciplinary approach to understanding health disparities, factors that contribute to health disparities, and strategies to less the health disparities that impact our nation’s health and escalating healthcare costs.

*Blue Revolution: Future Fish*—Madison Powell (College of Agricultural and Life Sciences)

**Section 23 – M 4:30 – 5:20**

Current projections forecast the world’s population to reach 9.7 billion by the year 2050, placing tremendous responsibility on both plant and animal industries to expand to meet the world demand for food. The “blue revolution” refers to the explosive growth of aquaculture (the culture of aquatic plants and animals) over the past 20 years. This course seeks to provide students with a broader understanding of challenges of increasing the world’s food supply, while demonstrating that effective solutions must be comprehensive and require a multidisciplinary approach.

*Building Our Energy and Environmental Policy*—Steven Beyerlein and Dev Shrestha (College of Engineering)

**\* Section 25 – TR 5:00-6:15 p.m., Early 8 Weeks**

This course will cultivate a working knowledge of the current energy situation and will engage students in policy review/formation surrounding the UI campus, Moscow, Idaho and the nation. This will involve opportunities to interact with campus energy staff, state energy policymakers, utility representatives, and sustainability experts from regional industry. This course will promote a 360° view of the connection between energy production, energy utilization, and social as well as political behaviors. Students will learn about the status of current energy supply and demand, why energy plays such an important role in modern society, and how personal as well as collective action will determine the future energy landscape.

*Innovation in Contemporary Art & Design* – Greg Turner-Rahman (College of Art and Architecture)

**\*Section 33 – Online (WWW), Early 8 Weeks**

**\*Section 34 – Online (WWW), Late 8 Weeks**

This course requires students to attend lectures from design luminaries and innovative thinkers hosted by the College of Art and Architecture and in allied disciplines outside the college. Students would be asked to attend three lectures, read up-to-date texts about design culture or design thinking, and meet to discuss the lectures and seminar themes in an attempt to synthesize connections to their own creative practices and processes.

**NEW!** *HON: Music in Society* – Garrison (CLASS)

**Section 35– W 11:30 – 12:20**

This course examines the role of music in society, focusing on the cultural history of specific cities each spring. Students discuss musical concepts such as form, texture, rhythm melody, timbre, style, and genre. They experience great music firsthand by attending Auditorium Chamber Music Series concerts and Metropolitan Opera simulcasts. They explore whether music is a “universal” art and how it contributes to identity.

**NEW!** *Organic Farming* – Jodi Johnson-Maynard (College of Agricultural & Life Sciences)

**\*Section 36 – W 2:30 – 5:20, Late 8 Weeks**

This course is an overview of organic agricultural systems, practices used, relationship to environmental quality and contributions to regional, national, and global food security.

**NEW!** *Information and Society* – Terence Soule (College of Engineering)

**Section 37 – TR 2:00-2:50**