

# ISEM 301

## Great Issues Seminars: Spring 2020

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

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

**\*Section 4 – W 3:30 – 5:30 / First 8 Weeks (Jan. 15 – Mar. 13)**

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.

***Idaho: A Jazz Tradition*** – Katherine Skinner (College of Letters, Arts & Social Sciences)

**\*Section 5 – TR 4:30 – 5:20 / First 8 Weeks (Jan. 15 – Mar. 13)**

This seminar is linked with the Lionel Hampton Jazz Festival, which is held annually at the University of Idaho and celebrated its 50<sup>th</sup> anniversary in 2017. The seminar will explore jazz music, its musical elements/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 2020 Lionel Hampton Jazz Festival, Feb. 28-29. (<http://www.uidaho.edu/class/jazzfest>)

***Water, Water Everywhere...*** – Patricia Colberg (College of Engineering)

**\*Section 9 – W 3:30 – 5:30 / First 8 Weeks (Jan. 15 – Mar. 13)**

The primary objective of this seminar is to challenge participants to consider a comprehensive understanding of the complexities of the global water crisis from a variety of perspectives: historical, engineering, scientific, legal, socio-political, economic, and environmental. The overall goal of this course is to engage students in a topic that is broad enough to allow divergent thinking, while insuring the incorporation of multidisciplinary perspectives. Questions we will address include: What is our water footprint? Who owns the water? Is access to clean drinking water a human right?

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

**\*Section 11 – MWF 3:30 – 4:30 / First 8 Weeks (Jan. 15 – Mar. 13)**

**\*Section 12 – MWF 3:30 – 4:30 / Second 8 Weeks (Mar. 23 – May 15)**

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.

***HON: Discovery & Inventions That Shape & Society*** – Eric Aston (College of Science)

**\*Section 15 – TR 2:00 – 2:50 / First 8 Weeks (Jan. 15 – Mar. 13)**

Human history is punctuated with many and diverse technological advancements, as well as radically destructive events and eras, that helped to establish civilizations and catalyze change in societies. Student participants will contribute their ideas for discussions on particular technologies and their societal and international impacts via oral presentation and written reports.

***Inequality Here & Abroad*** - Eric Stuen (College of Business & Economics)

**\*Section 17 – MW 10:30 – 11:20 / First 8 Weeks (Jan. 15 – Mar. 13)**

This seminar explores the great issue of inequality. Inequalities in income, wealth, health and education will be the focus. It integrates economics and philosophy to help you understand the issue of inequality in both empirical and ethical terms. Trends regarding inequality in the US and between countries will be studied. The course also features research about the various policies in the United States that affect inequality.

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

**\*Section 19 – / Second 8 Weeks (Mar. 23 – May 15)**

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 & 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 Tuesday, April 28, 2020.

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

**Section 21 – W 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.

***Domesticated Animals & Society*** – Matt Doumit (College of Agricultural & Life Sciences)

**Section 22 – T 3:30 – 4:20**

A description will be forthcoming

***Organic Agriculture*** – Alison Detjens (College of Agricultural & Life Sciences)

**Section 24 – T 3:30 – 3:20 / Second 8 Weeks (Mar. 23 – May 15)**

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

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

**\* Section 25 – TR 5:00 – 6:15 / First 8 Weeks (Jan. 15 – Mar. 13)**

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) / First 8 Weeks (Jan. 15 – Mar. 13)**

**\*Section 34 – Online (WWW) / Second 8 Weeks (Mar. 23 – May 15)**

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.

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

**\*Section 37 – R 3:30 – 4:20 / First 8 Weeks (Jan. 15 – Mar. 13)**

This seminar covers the rise of the information age, including information storage, processing, and communications, and their impacts on society. We study the impact of a range of information technologies on society, such as improved communication, facial recognition, data analysis, autonomous vehicles, drones, and machine learning. Topics include recent developments and events currently in the news. There are weekly readings and students are required to give a small team presentation.

***Art & Ecology*** – David Roon (College of Science)

**\*Section 40 – W 3:30 – 5:20 / First 8 Weeks (Jan. 15 – Mar. 13)**

All the way back to the Lascaux cave paintings, humanity has utilized a combination of artistic and scientific inquiry to better understand human impacts on the biosphere. Whether it's an academic illustration in a scientific journal, a gigantic fish built from plastic bottles on the beaches of Rio de Janeiro, or a sculpture in a Cleveland stream-bed that filters polluted water, Conservation Art educates us, challenges us to rethink our manner of existing, and allows for direct intervention in the functioning of ecosystems. Students in this course will research the history of Conservation Art. They will also work collaboratively to create personalized work at this intersection. The seminar will emphasize critical thinking, and exploring issues including scientific credibility, otherness, sustainability in making, and the role of human beings as global ecological citizens.

***Women's Suffrage Centennial*** – Katherine Aiken (College of Letters, Arts & Social Sciences)

**\*Section 42 – W 3:30 – 5:20 / First 8 Weeks (Jan. 15 – Mar. 13)**

A description will be forthcoming