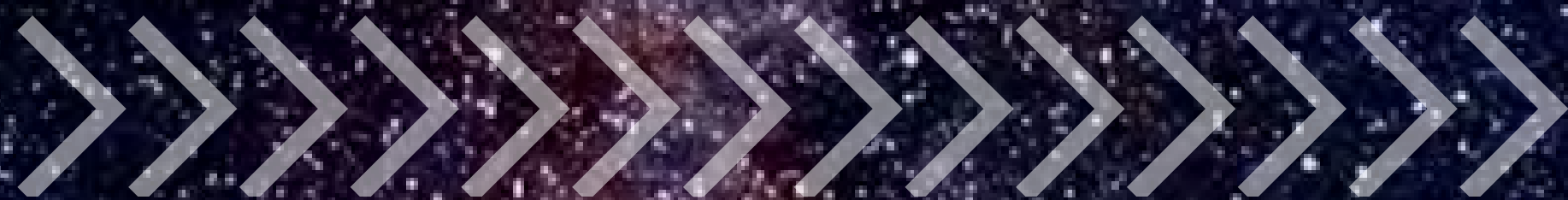


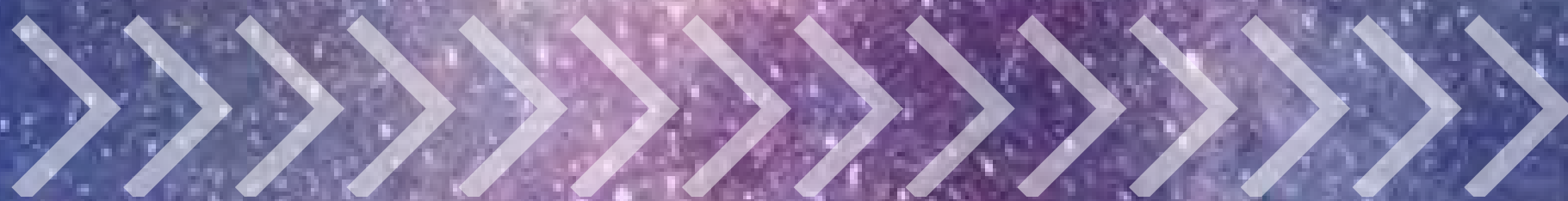
AST 10G

INTRODUCTION TO STARS, GALAXIES, AND THE UNIVERSE



Professor David Wittman

Did you know that most atoms in your body were once deep inside a massive star? That black holes really exist? That the universe is 13.7 billion years old? In this survey of modern astronomy, you will come to understand how human beings figured these things out, and practice your scientific reasoning skills in the process. We will start with a very brief orientation to our home solar system and then zoom out progressively to other stars; the bizarre stellar graveyard of white dwarfs, neutron stars and black holes; our galaxy and other galaxies; and finally cosmology, the study of the universe on the largest scales.



WHEN: MWF 11:00-11:50am

WHERE: Giedt 1006

GE credit: SE, SL, VL

CLA 110

THE ORIGINS OF RHETORIC

PROFESSOR CAREY SEAL

Issues in the development of rhetoric from its origins in ancient Greece to A.D. 430. Special attention to works of Plato, Aristotle, Cicero, and Quintilian. Role of grammar and rhetoric in schools of Roman Empire. The Christian rhetoric of Saint Augustine.

TR 12:10-1:30pm in Olson 105

GE Credit: AH,WE

COM2: MAJOR WORKS OF WESTERN CULTURE

PROFESSOR CHERI ROSS

GE CREDIT: AH, WC, WE.

TIME: TR 2:10-4:00PM

LOCATION: 107 WELLMAN

Prerequisite: completion of Entry Level
Writing Requirement.

Introduction to the methods of inquiry
applied to critical reading and the practice
of writing. Focus on texts from the
European Middle Ages to the eighteenth
century; critical analysis of the historical-
cultural developments in this period.



ECH 1

Design of Coffee

Professors Tonya Kuhl and
William D. Ristenpart



Non-mathematical introduction to how chemical engineers think, illustrated by elucidation of the process of roasting and brewing coffee. Qualitative overview of the basic principles of engineering analysis and design. Corresponding experiments testing design choices on the sensory qualities of coffee.



Lecture M 6:10 PM - 7:00 PM SciLec 123
Lab T 10:00 AM - 11:50AM Everson 126

GE Credit: SE, SL, VL



PROFESSOR CHRISTOPHER MEISSNER

DEVELOPMENT AND APPLICATION OF ANALYTICAL
MODELS TO EXPLAIN THE NATURE AND
FUNCTIONING OF ECONOMIES SINCE THE
INDUSTRIAL REVOLUTION. EXAMPLES WILL BE
DRAWN FROM A VARIETY OF SOCIETIES, INCLUDING
ENGLAND, CHINA, GERMANY, AND INDIA.

MWF 1:10-2:00PM
235 WELLMAN

GE CREDIT: SS



ECN 162

International Economic Relations

Learn about international trade and monetary relations, trade policy, exchange rate policy, policies toward international capital migration and investment. Emphasis on current policy issues.

GE: SS, WC.

Professor Deborah Swenson
TR 1:40-3:00pm in Olson 105

ENL 40

GE Credit: AH,WE

Weird, Eerie, Fantastic, and Magical Literature

1880 to Present

Professor Gregory Dobbins

The focus of this course will be on 'Weird' and 'Eerie' Literature, a strain of Horror/Occult/Esoteric/Science Fiction which may concern the supernatural and/or the extraterrestrial.

Weird and Eerie Literature raises a crucial question: is that which is understood in rational and realistic terms to be "natural" really that-- or is it actually something else entirely?

We will be reading various works by writers like Edgar Allan Poe, Ambrose Bierce, Oscar Wilde, Arthur Conan Doyle, W.B. Yeats, Charlotte Perkins Gilman, M.R. James, Arthur Machen, H.P. Lovecraft, Shirley Jackson, Daphne DuMaurier, and Thomas Ligotti.

TR 3:10-4:30pm in 207 Olson

HIS 110

THEMES IN WORLD HISTORY: Race & Color in the Pre- Modern Islamic World

TR 10:30-11:50 AM
273 SSH

This course explores the question of race in the pre-modern Islamic World with a view to construct a critical language about relationships of power affected by skin color in pre-modern non-western contexts without rejecting the specificity of the modern concepts of race and racism that developed in the historical context of European colonialism. Feel free to contact the professor by e-mail if you have any questions about this course: btezcan@ucdavis.edu.

GE CREDIT: AH OR SS, WC, WE





LATIN AMERICAN SOCIAL REVOLUTIONS

HIS 165

PROFESSOR MARIAN SCHLOTTERBECK

**Major social upheavals
since 1900 in selected
Latin American nations;
similarities and
differences in cause,
course, and
consequence.**

TIME: TR 1:40-3:00pm

LOCATION: Hickey Gym 290

GE Credit: AH or SS, WC, WE

HMR 1

HUMAN WRONGS HUMAN RIGHTS

PROFESSOR KEITH WATENPAUGH

MW 10:00-11:50AM | 1001 IN SHREM ART MUSEUM

Introduction to Human Rights and the problems they seek to address. Using key episodes of inhumanity like slavery, genocide, and racism, examines how international movements for social justice led to the emergence of the international Human Rights system.



GE CREDIT: AH OR SS, WC, WE

IST8C

INTRO TO DATA SCIENCES

Professor Carl Stahmer

TR 9:00-10:20am

DSI Classroom (360 Shields)

Data Science is a broad term that encompasses a wide range of methods and practice. This course serves as an introduction to the history and current state of the art of Data Science, particularly as it is applied to humanities and social science research.

Touchstone theoretical, cultural, and technical advances that have lead to our understanding of Data Science as a discipline will be introduced and discussed, and students will be introduced to a range of Data Science methods through case studies, demonstration, group activities, and discussion.

This course is not a technical practicum, and no programming experience (or even a desire to be a programmer) is required. Students who complete the course will have an understanding of the scope and limits of Data Science methods, learn how to evaluate Data Science outputs, and be well situated to pursue further coursework in Data Science methods.

MAT 17B

CALCULUS FOR BIOLOGY & MEDICINE

PROFESSOR FRANCISCO ARSUAGA

MWF 10:00-10:50AM - 166 CHEM

R 5:10-6:00PM - ROESLER 55

Introduction to integral calculus and elementary differential equations via applications to biology and medicine. Fundamental theorem of calculus, techniques of integration including integral tables and numerical methods, improper integrals, elementary first order differential equations, applications in biology and medicine.

MAT 21C

CALCULUS

Sequences, series, tests for convergence, Taylor expansions. Vector algebra, vector calculus, scalar total differentials. Applications to maximum and minimum problems in two or more variables. Applications to physical systems.
GE credit: QL, SE.

PROFESSOR FU LIU

MWF 10:00-10:50AM IN BAINER 1132
T 6:10-7:00PM IN YOUNG 192

MUS 116

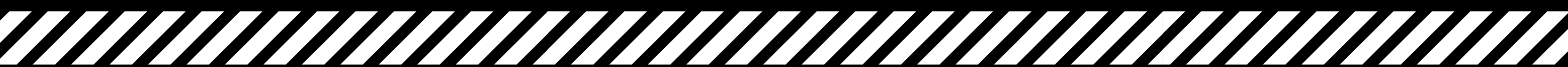
THE MUSIC OF THE BEATLES



GE credit: AH, VL, WC

Professor Christopher Reynolds

Survey of music of The Beatles, focusing on the songs of Lennon and McCartney. Emphasis on understanding their evolution as musicians, composers and cultural figures. Discussion of their musical influences in wider cultural contexts.



MW 12:10-2:00pm

203 Music

An abstract collage featuring various musical instruments and Latin American motifs. It includes a large, stylized guitar, a conga drum, a maraca, and a sombrero. The background is a mix of dark blue, brown, and orange tones with intricate patterns.

MUS127

MUSIC OF LATIN AMERICA

Professor Pablo Ortiz

GE credit: ArtHum | AH, WC

Examination of music from Latin America. Characteristic music (i.e., tango, bossa nova, salsa, musica motena, musica andina) as well as its implications in other musical genres.

When: TR 9:00-10:50am

Where: 203 Music

SAS 70A - Lecture
BIS 98 - Discussion

Genetic Engineering in Medicine, Agriculture, and Law

Historical and scientific study of the impact of genetic engineering in medicine, agriculture, and law, including examination of social, ethical, and legal issues raised.

Note that SAS 70/BIS 98 counts as 2 UHP Courses.
See full description for details.

For additional information about the course, see
<http://openwetware.org/wiki/Harada:Classes>

PROFESSOR JOHN HARADA
TR 3:10-7:00pm in 227 Olson
W 6:10-8:00pm in TBA

SOC2

SELF AND SOCIETY

Professor Robert Faris

Exploration of how self and identity are formed and transformed by socialization and social interaction in relation to roles, groups, institutions, power, and social change. Consideration of how people make decisions, fall in love, and come to blows.

GE Credit: ACGH, DD, SS

Time: MW 12:10-2pm

Location: 1130 Bainer

S O C 1 9 5

Farm to Fork: Food, Agriculture and Society

(Comparative Perspectives: Israel, California and Palestine)

PROFESSOR RAFI GROSLIK

This course examines agriculture and food as a lens through which to gain insight into our identities, the shape of our local communities and nations, as well as the emergence of a global society. Based on case studies from USA, Israel and Palestine, we will explore how food and agriculture are related to culture, politics, health and environment.

We will examine the social, cultural, economic and political dynamics of food systems and food consumption. We will discuss some of the major issues and controversies in sociology of agriculture and sociology of food, and relate these to contemporary debates on globalization, industrialization, MacDonaldization, inequality, social justice, labor rights and environmental sustainability.

Time: TR 10:30-11:50am

Location: SocSci 2234