

Tuesday, January 31 Schedule

<p>8:00 – 9:15</p>	<p>Antonio Merlo ECON 432, POLITICAL ECONOMY Tuesday 8:00AM - 9:15AM · James Baker Hall 102 [8]</p> <p>Analyzes income redistribution, taxation, the production of public goods, and other actions of the public sector as determined by a political process simultaneously with the economic process of exchange and production. Investigates the connection between public policies and the political forces that shape them.</p>
<p>9:25 – 10:40</p>	<p>Beth Beason-Abmayr BIOC 335, CELLULAR AND MOLECULAR ANIMAL PHYSIOLOGY Tuesday 9:25AM - 10:40AM · Rayzor Hall 123 [60]</p> <p>This course takes a functional approach to investigate animal physiology from a cellular and molecular perspective. Using an integrated and comparative approach, students learn how animals maintain homeostasis, including how they meet their energy needs, take up and transport oxygen, and maintain hydration and salt balance. Students will read primary literature to explore physiological adaptations for survival in extreme environments.</p> <hr/> <p>Jane Grande-Allen BIOE 615, BIOENGINEERING AND CARDIAC SURGERY Tuesday 9:25AM - 10:40AM · BioScience Research Collaborative 286 [9]</p> <p>This course will address biomaterials and medical devices relevant to cardiac and vascular surgery and interventional cardiology in adult and pediatric patients. Mechanical and design considerations, notable successes and failures, and ethical issues will also be discussed, as will differences in cardiac disease and care due to health disparities.</p> <hr/> <p>Mike Wolf MATH 212, MULTIVARIABLE CALCULUS Tuesday 9:25AM - 10:40AM · Herzstein Hall 212 [35]</p> <p>Study of gradient, divergence, and curl, Lagrange multipliers, multiple integrals, as well as line integrals, conservative vector fields, Green's theorem, Stokes's theorem, and Gauss's theorem.</p>
<p>10:50 – 12:05</p>	<p>Zach Ball CHEM 320, ORGANIC CHEMISTRY II Tuesday 10:50AM - 12:05PM · Dell Butcher Hall 210 [18]</p> <p>A continuation of CHEM 211 that is in greater depth than CHEM 212.</p> <hr/> <p>Jeff Hartgerink CHEM 212, ORGANIC CHEMISTRY II Tuesday 10:50AM - 12:05PM · Howard Keck Hall 100 [43]</p> <p>Continuation of CHEM 211 with an emphasis on aromatic compounds, reactivity and biologically relevant molecules.</p>

	<p>Adrienne Simoes Correa EBIO 372, CORAL REEF ECOSYSTEMS Tuesday 10:50AM - 12:05PM · Herring Hall 129 [34]</p> <p>This three credit lecture course introduces students to a complex, dynamic and sensitive ecosystem: coral reefs. We will explore the biotic and abiotic components of coral reefs; how reef organisms interact with each other and the environment, and the factors that contribute to reef construction and decline over time and space.</p> <p>Jim Brown ECON 200, MICROECONOMICS Tuesday 10:50AM - 12:05PM · Herring Hall 100 [34]</p> <p>Intermediate level analysis of theories of household behavior, including demand for consumer goods, labor supply, and savings/investment decisions, and producer behavior including the supply of output and demands for labor, capital and other production inputs. Emphasizes individual and interactive decision making under resource constraints. Analyzes equilibria in competitive and noncompetitive markets, and discusses topics in welfare economics.</p> <p>Luay Nakhleh COMP 182, ALGORITHMIC THINKING Tuesday 10:50AM - 12:05PM · Herzstein Hall AMP [35]</p> <p>Algorithms are the engines of a great majority of systems, natural and artificial alike. This course introduces algorithmic thinking as a discipline for reasoning about systems, taming their complexities, and elucidating their properties. Algorithmic techniques, along with their correctness and efficiency, will be taught through reasoning about systems of interactions, such as markets, that are ubiquitous in our highly connected world.</p>
<p>1:00 – 2:15</p>	<p>Martin Blumenthal-Barby GERM 122, HISTORY THROUGH GERMAN CINEMA Tuesday 1:00PM - 2:15PM · Rayzor Hall 204 [60]</p> <p>The course presents an overview of German history via contemporary German feature films from World War I, through the Weimar and Nazi periods, the postwar years as a Divided Germany into East and West and finally a look at the new generation in Post-unification Germany. Taught in English. All films are subtitled in English.</p> <p>Anthony Brandt MUSI 379, CREATIVITY UP CLOSE Tuesday 1:00PM - 2:15PM · Moody Center for the Fine Arts 103</p> <p>This inter-disciplinary course explores creativity in human behavior and society. Seminars focus on the neuroscience, psychology, sociology and economics of creativity. Students develop hands-on creative projects in oral history, music, industrial design and video.</p>

Jim Brown

ECON 200, MICROECONOMICS

Tuesday 1:00PM - 2:15PM · M D Anderson Biological Lab 131 [3]

Intermediate level analysis of theories of household behavior, including demand for consumer goods, labor supply, and savings/investment decisions, and producer behavior including the supply of output and demands for labor, capital and other production inputs. Emphasizes individual and interactive decision making under resource constraints. Analyzes equilibria in competitive and noncompetitive markets, and discusses topics in welfare economics.

Peter Lwigale

BIOC 443, ADVANCED CONCEPTS AND CRITICAL ANALYSIS IN MODERN DEVELOPMENTAL BIOLOGY

Tuesday 1:00PM - 2:15PM · George R Brown Hall W211 [16]

An advanced undergraduate and graduate level course, dedicated to analysis and evaluation of scientific inquiry into animal development. Textbook based lectures and discussions based on primary scientific literature are used to exemplify and evaluate concepts and methodology.

Philip Ernst

STAT 310, PROBABILITY AND STATISTICS

Tuesday 1:00PM - 2:15PM · Duncan Hall 1064 [25]

Probability and the central concepts and methods of statistics including probability, distributions of random variables, expectation, sampling distributions, estimation, confidence intervals, and hypothesis testing.

Michael Orchard

ELEC 332, ELECTRONIC SYSTEMS PRINCIPLES AND PRACTICE

Tuesday 1:00PM - 2:15PM · Abercrombie Engineering Lab B209 [1]

This course covers the theory and techniques necessary to realize modern, high performance electronic systems. Design considerations for systems utilizing high speed, high frequency analog and digital integrated circuits will be covered. SECTION 001: Topics will include measurement and simulation techniques, signal integrity, printed circuit layout, mixed signal systems, rf circuits, and EMI/EMC considerations. Topics will be lectured and illustrated by a series of laboratory exercises.

Brian Riedel

SWGS 201, INTRODUCTION TO LESBIAN, GAY, BISEXUAL, AND TRANSGENDER STUDIES

Tuesday, 1:00PM - 2:15PM · Mechanical Engineering Building 128 [54]

Introduction to Lesbian, Gay, Bisexual, & Transgender Studies - An introduction to the interdisciplinary examination of sexual desires, sexual orientations, and the concept of sexuality, with a focus on the construction of lesbian, gay, bisexual, and transgender identities. The course looks at how identities interact with other social phenomena such as government, family, popular culture, scientific inquiry, and especially gender, and highlights the complexity and variability of sexualities of both across historical periods and in relation to race, class, ethnicity and nation. The course also introduces the concept of engaged research and the public service component of LGBT activity.

<p>1:00 – 3:50</p>	<p>Renata Ramos BIOE 320, SYSTEMS PHYSIOLOGY LAB MODULE Tuesday 1:00PM - 3:50PM · Ryon Engineering Lab B22 [70]</p> <p>Exploration of physiologic systems through measurement of biologic signals. EEG, ECG, EMG pulmonary function tests, etc. are performed and analyzed. Students will explore physiologic concepts through computer simulations, data collection, and analysis.</p>
<p>2:30 - 3:45</p>	<p>Mike Gustin BIOC 368, CONCEIVING AND MISCONCEIVING THE MONSTROUS IN FICTION AND IN ART, IN MEDICINE AND IN BIOSCIENCE Tuesday 2:30PM - 3:45PM · Moody Center for the Fine Arts 205</p> <p>However various the forms of life, we draw boundaries between the "normal," the "not normal," and the "monstrous." From the Biosciences to the Arts - from the cyclopean eye to Frankenstein - monsters illuminate (whether in fact or in fiction) who we are, how we perceive, and what we fear.</p> <hr/> <p>Deborah Harter HUMA 368, CONCEIVING AND MISCONCEIVING THE MONSTROUS IN FICTION AND IN ART, IN MEDICINE AND IN BIOSCIENCE Tuesday 2:30PM - 3:45PM · Moody Center for the Fine Arts 205</p> <p>However various the forms of life, we draw boundaries between the "normal," the "not normal," and the "monstrous." From the Biosciences to the Arts - from the cyclopean eye to Frankenstein - monsters illuminate (whether in fact or in fiction) who we are, how we perceive, and what we fear.</p>

Wednesday, February 1 Schedule	
8:00 – 8:50	<p>Lesa Tran CHEM 122, GENERAL CHEMISTRY II Wednesday 8:00AM - 8:50AM · Brockman Hall [12]</p> <p>A continuation of CHEM 121. Either CHEM 122 or CHEM 152 may be taken as prerequisites for higher study in chemistry, but only one may be taken for credit. Students must also register for CHEM 124 General Chemistry Laboratory II. The course and the co-requisite lab are graded jointly.</p>
9:00 – 9:50	<p>Esther Fernandez SPPO 332, APPROACHES TO HISPANIC LLITERATURES Wednesday 9:00AM - 9:50AM · Humanities Building 328 [40]</p> <p>Introduction to Hispanic Literature where students will become familiar with the methodology of literary analysis to approach different genres and develop original and critical interpretation of texts. Course will give a wide and solid literary and analytical context for more advance courses in Spanish and Latin American literature.</p>
	<p>Jason Hafner PHYS 102, ELECTRICITY & MAGNETISM (WITH LAB) Wednesday 9:00AM - 9:50AM · Herzstein Hall AMP [35]</p> <p>A calculus-based introduction to electricity and magnetism. Includes classes and lab exercises on electric and magnetic fields, Maxwell's equations in integral form, and AC and DC circuits.</p>
	<p>Matthias Henze RELI 122, THE BIBLE AND ITS INTERPRETERS Wednesday 9:00AM - 9:50AM · Humanities Building 117 [40]</p> <p>An introduction to the Hebrew Bible/Old Testament. Compares modern-critical reading with early Jewish and Christian, often fanciful interpretations.</p>
	<p>Sandy Parsons PSYC 202, INTRODUCTION TO SOCIAL PSYCHOLOGY Wednesday 9:00AM - 9:50AM · Sewell Hall 309 [72]</p> <p>Overview of topics in social psychology. Includes conformity and social influence, attitude formation and change, aggression, altruism, relationships, liking and loving, and prejudice and stereotyping, as well as applications to other disciplines (e.g. law, marketing, the workplace, etc.).</p>
	<p>Lora Wildenthal HIST 108, WORLD HISTORY SINCE 1492 Wednesday 9:00AM - 9:50AM · Humanities Building 119 [40]</p> <p>Class will explore the last 500 years of world history. The focus will be four long-term processes that have shaped the world today: struggles between Europeans and colonized peoples; forms of producing and exchanging goods; formation and spread of the modern state; and the development of 'bourgeois' ways of living.</p>

<p>9:00 – 11:50</p>	<p>Reto Geiser ARCH 412, ADVANCED SEMINAR IN ARCHITECTURE Wednesday 9:00 - 11:50AM · M D Anderson Hall 154 [5]</p> <p>Small, focused, advanced discussion, workshop and/or design based courses on topics of recent research in architecture, delivered by RSA full time or visiting faculty.</p>
<p>10:00 - 10:50</p>	<p>Matthew Elliot MECH 211, ENGINEERING MECHANICS Wednesday 10:00AM - 10:50AM · Mechanical Engineering Building 128 [54]</p> <p>The study equilibrium of static systems, the dynamics of a particle and particle systems, and rigid-body dynamics.</p> <hr/> <p>Jason Hafner PHYS 102, ELECTRICITY & MAGNETISM (WITH LAB) Wednesday 10:00AM - 10:50AM · Herzstein Hall AMP [35]</p> <p>A calculus-based introduction to electricity and magnetism. Includes classes and lab exercises on electric and magnetic fields, Maxwell's equations in integral form, and AC and DC circuits.</p> <hr/> <p>Kristi Kincaid CHEM 122, GENERAL CHEMISTRY II Wednesday 10:00AM - 10:50AM · Brockman Hall [12]</p> <p>A continuation of CHEM 121. Either CHEM 122 or CHEM 152 may be taken as prerequisites for higher study in chemistry, but only one may be taken for credit. Students must also register for CHEM 124 General Chemistry Laboratory II. The course and the co-requisite lab are graded jointly.</p> <hr/> <p>Gary Woods ELEC 305, INTRODUCTION TO PHYSICAL ELECTRONICS Wednesday 10:00AM - 10:50AM · Duncan Hall 1064 [25]</p> <p>Survey of devices and physical principles that are used in modern electronic systems such as cellphones: diodes, transistors, integrated circuits; scaling and Moore's Law; transmission lines; signal integrity; antennas.</p>
<p>11:00 - 11:50</p>	<p>Carl Caldwell HIST 102, MODERN EUROPE, 1789-PRESENT Wednesday 11:00AM - 11:50AM · Humanities Building 117 [40]</p> <p>Course provides an introduction to European history between the French Revolution and the collapse of the Soviet system in 1989-1990. The course examines industrialization, the development of the nation-state, World War One, fascism and communism, World War Two, European integration, decolonization and the Velvet Revolutions of 1989.</p> <hr/> <p>Amelie Carlton ECON 203, MACROECONOMICS Wednesday 11:00AM - 11:50AM · Sewell Hall 309 [72]</p>

	<p>Analyzes aggregate performance of the national economy including output, inflation, interest rates, employment, the business cycle, monetary and fiscal policy, and more generally the appropriate role of government in influencing aggregate economic performance. Introduces both the traditional aggregative only approach to Macroeconomics and the more recent New Classical and New Keynesian micro-foundations approaches.</p> <p>Frank Jones MATH 222, HONORS CALCULUS IV Wednesday 11:00AM - 11:50AM · Herman Brown Hall 227 [17]</p> <p>Study of gradient, divergence, and curl, Lagrange multipliers, multiple integrals, as well as line integrals, conservative vector fields, Green's theorem, Stokes's theorem, and Gauss's theorem.</p> <p>Michael Orchard ELEC 431, DIGITAL SIGNAL PROCESSING Wednesday 11:00AM - 11:50AM · Duncan Hall 1070 [25]</p> <p>Methods for analysis of discrete-time signals and design of discrete-time systems including topics of: discrete-time linear systems, difference equations, z-transforms, discrete convolution, stability, discrete-time Fourier transforms, analog-to-digital and digital-to-analog conversion, digital filter design, discrete Fourier transforms, fast Fourier transforms, multi-rate signal processing, filter banks, and spectral analysis.</p>
12:30 – 1:50	<p>Sandy Parsons PSYC 353, PSYCHOLOGY OF EMOTION AND MOTIVATION Wednesday 12:30PM - 1:50PM · Herring Hall 129 [34]</p> <p>Study of motives and emotions as causes of human behavior; includes biological motives, aggression, emotions and emotional expression, and individual differences in motivation.</p>
1:00 – 1:50	<p>Lesa Tran CHEM 122, GENERAL CHEMISTRY II Wednesday 1:00PM - 1:50PM · Brockman Hall [12]</p> <p>A continuation of CHEM 121. Either CHEM 122 or CHEM 152 may be taken as prerequisites for higher study in chemistry, but only one may be taken for credit. Students must also register for CHEM 124 General Chemistry Laboratory II. The course and the co-requisite lab are graded jointly.</p>
1:00 – 4:50	<p>Charles Dove HART 480, SEMINAR ON FILM AUTHORSHIP: THE NEW HOLLYWOOD Wednesday 1:00PM - 4:50PM · Media Center 100 [56]</p> <p>This seminar covers the concept of authorship in Hollywood cinema since 1968. Filmmakers include Francis Ford Coppola, David Lynch, The Coen Brothers, and Charlie Kaufman.</p>
2:00 – 2:50	<p>Amelie Carlton ECON 203, MACROECONOMICS</p>

	<p>Wednesday 2:00PM - 2:50PM · James Baker Hall 116 [8]</p> <p>Analyzes aggregate performance of the national economy including output, inflation, interest rates, employment, the business cycle, monetary and fiscal policy, and more generally the appropriate role of government in influencing aggregate economic performance. Introduces both the traditional aggregative only approach to Macroeconomics and the more recent New Classical and New Keynesian micro-foundations approaches.</p>
2:00 – 3:15	<p>Ruth Turley SOCI 301, SOCIAL INEQUALITY Wednesday 2:00PM - 3:15PM · Herring Hall 129 [34]</p> <p>This course investigates the causes and consequences of social inequality in the U.S., focusing on inequality by class, race, and gender. We will discuss different measures of inequality, the extent of inequality, as well as classical and modern theories for why it has been increasing since the 1970s. In addition, we will discuss how much inequality is justifiable and which redistributive programs work.</p>
2:00 – 4:50	<p>Niki Clements RELI 406, CHRISTIANITY AND LATE ANTIQUITY Wednesday 2:00PM - 4:50PM · Humanities Building 226 [40]</p> <p>This advanced seminar treats the formation of Christianity as an institutional power in relation to the Roman Empire. Starting with the Edict of Milan in 313 CE, which put an end to persecution of Christians, and closing with the Council of Chalcedon in 451 CE, which established normative Christian doctrine, we will move through this development in seven roughly chronological units.</p>
2:30 – 5:00	<p>Diane Wolfthal HART 344, CAPITALISM AND CULTURE Wednesday 2:30PM - 5:00PM · Herring Hall 126 [34]</p> <p>This seminar will examine the way European culture, especially art, was shaped by the rise of the monetary economy and capitalism, beginning in the late Middle Ages and continuing into modern times.</p>
3:00 – 5:50	<p>Ian Schimmel ENGL 301, INTRODUCTION TO FICTION WRITING Wednesday 3:00PM - 5:50PM · Weiss College 146 [78]</p> <p>A course that teaches the fundamentals of fiction writing, and includes a mixture of reading and writing assignments. The goal is for each student to produce two short stories possessing imaginative ingenuity, structural integrity, and literary merit by the end of the semester.</p>

Updated 1/26/17