

## Open Classes by Department

Instructor	Building	Room	Start Time	End Time	Description	Notes from Instructor
Fie, Shannon	Godfrey Hall	102	11:15 AM	12:15 PM	<b>ANTH 110 - Archaeology: Lessons from the Past</b> All human societies face challenges, including those relating to power, identity, conflict, health, sustainability, and climate change. Yet our understandings of these challenges are not neutral, and archaeology often has been complicit in constructing and perpetuating misrepresentations. In this course, we begin with an introduction to basic archaeological methods, as well as the major trends of the past. We then consider how different theoretical approaches are produced within particular historical and social contexts that affect the ways we understand the past, often to the detriment of descendant communities. Throughout the remainder of the class, we examine case studies to better understand how societies responded to specific challenges, but also how a more inclusive archaeology can provide unique lessons for addressing such issues in the present and future.	Activity Observation
Williams, Leslie	Godfrey Hall	103	11:15 AM	12:15 PM	<b>ANTH 225 - Mortuary Archaeology</b> Mortuary archaeology is the study of human funerary practices across space and time. This course will investigate the theoretical foundations of archaeology, as well as the methods archaeologists use to understand how people treat their dead. In particular, we will focus on the different ways in which the dead influence the living in both prehistoric and historic contexts. Topics to be covered include memorials and memorialization, political (mis)use of graves, mass graves, and bioarchaeology.	Off campus at the Oakwood Cemetery on Clary Street. We will meet at 11:15am by the Clary Street entrance
Williams, Leslie	Godfrey Hall	100	1:45 PM	3:35 PM	<b>ANTH 230 - Human Osteology</b> A detailed examination of human skeletal anatomy, growth, and development. Emphasis is given to techniques useful in demographic reconstruction of past populations.	
Milsted, Claire	Sanger Center for the Sciences	147	8:00 AM	9:50 AM	<b>BIOL 121 - Botany</b> The structure and function of plants emphasizing adaptations to the environment. The course focuses on the ecology, evolution, reproduction, physiology, cellular and molecular biology, and genetics of flowering plants. The course stresses scientific principles and experimental methods. Students design, perform, analyze, and report on small research projects.	Very limited seating; wear shoes and do not eat or drink in the room
Milsted, Claire	Sanger Center for the Sciences	349	11:15 AM	12:15 PM	<b>BIOL 289 - Genetics and Evolution</b> An investigation of Mendelian, population, quantitative, and molecular genetics using a problem-solving approach. Small groups of students design, perform, analyze, and report on a research project.	Limited seating
Bergstrom, Rachel	Sanger Center for the Sciences	302	10:00 AM	11:00 AM	<b>BIOL 340 - Neuroscience</b> A structure/function-based analysis of the nervous system from molecules to systems. The course will investigate cellular neuroscience, neuroanatomy, neurophysiology, neurotransmission, and sensory and motor systems organization to understand information integration within the nervous system. Laboratory exercises may include anatomy, physiological measurements of neural conduction, cell biology techniques, dissection, and experiments with mice. Students improve their understanding of a specific topic of neuroscience by working in small groups to conduct and present a research project.	
Miles, Brandon	Sanger Center for the Sciences	150	10:00 AM	11:00 AM	<b>BUSN 216 - Financial Accounting</b> Students learn the fundamentals of accounting, including the accounting equation, the accounting process, journal entries, and cash vs. accrual accounting. Some fundamentals of finance are also covered: time value of money, present value, future value, and how to value an asset using the discounted cash flow approach. For the final project, students learn to read and interpret the financial statements, and do financial ratio analysis.	
Miles, Brandon	Sanger Center for the Sciences	349	8:45 AM	9:45 AM	<b>BUSN 217 - Corporate Finance</b> This course teaches students both theoretical and practice applications of modern finance. This course covers topics such as; time value of money, bond valuation, capital budgeting, and long-term financing. Students learn how to read and analyze financial statements; calculate and analyze financial ratios; evaluate firm and stock performance price or value assets including bonds, stocks and other securities and derivatives measure and manage risk construct an investment portfolio and evaluate its performance.	
Livingston, Corbin	Sanger Center for the Sciences	249	8:00 AM	9:50 AM	<b>CHEM 117 - Chemistry</b> Why is chemistry important to other sciences, technology, and society? What processes do chemists use when dealing with real problems? What conceptual models do chemists use to understand and explain their observations? The focus of this course is on the reasons for doing science, the intellectual and instrumental tools used, the models developed to solve new problems, and the assertion that chemistry has a tremendous effect on your personal life and on the decisions made by society. Along the way, we cover atoms, molecules, ions, and periodic properties; chemical equations, stoichiometry and moles; Lewis structures and VSEPR model of bonding; reactivity and functional groups; states of matter and intermolecular forces; relationships between structure and properties.	

Labby, Kristin	Sanger Center for the Sciences	249	1:45 PM	3:35 PM	<b>CHEM 117 - Chemistry</b> Why is chemistry important to other sciences, technology, and society? What processes do chemists use when dealing with real problems? What conceptual models do chemists use to understand and explain their observations? The focus of this course is on the reasons for doing science, the intellectual and instrumental tools used, the models developed to solve new problems, and the assertion that chemistry has a tremendous effect on your personal life and on the decisions made by society. Along the way, we cover atoms, molecules, ions, and periodic properties; chemical equations, stoichiometry and moles; Lewis structures and VSEPR model of bonding; reactivity and functional groups; states of matter and intermolecular forces; relationships between structure and properties.	
Train, Brian	Sanger Center for the Sciences	402	1:35 PM	2:35 PM	<b>CHEM 300 - Protein Biochemistry</b> the fundamental chemical level, how do cells maintain and extract information from DNA to build and utilize proteins? Considerable emphasis on the chemical basis of biological information storage and processing, structure and function of proteins, enzyme catalysis theory, and quantitative analysis of enzyme kinetics.	At
Gummer, Natalie	Morse-Ingersoll Hall (MI)	213	2:50 PM	3:50 PM	<b>CRIS 265 - Topics in Critical Identity Studies: Speculative Activism</b> All activism is founded on hope. It begins with a belief that society not only should change, but that it has the capacity to do so. Yet it's difficult to confront so many overwhelming issues in the world without losing hope and giving up your own joy in the process. Speculative Activism is a course designed to confront the burnout inherent in existing in our current world, acknowledging the ways in which all progress starts with internal healing and the creation of community. We will focus on methods of personal healing and reflection, while building strategies that can be utilized beyond the classroom. The course will end with a collaborative worldbuilding project that will allow students to imagine what a better world means to them, on a societal and an individual level. It aims to provide students with the tools they need to confront the world without burning themselves out in the process.	
Kiani, Sohaib	Sanger Center for the Sciences	116	10:00 AM	11:00 AM	<b>DSDA 385 - Machine Learning Capstone</b> introduction to the three types of machine learning: 1) supervised learning, 2) unsupervised learning, and 3) reinforcement learning. Students work individually or in teams on real world datasets from different fields to implement machine learning algorithms/approaches and evaluate their performance, including presentations of work oriented to audiences in the related field. Students study professional, ethical, and social issues related to data science. Python is used as the main programming language in this course.	An
Phan, Diep	Sanger Center for the Sciences	150	8:45 AM	9:45 AM	<b>ECON 199 - Principles of Economics</b> This course takes an analytical approach to economic reasoning and contemporary economic issues. It introduces microeconomic and macroeconomic theories with applications to relevant issues such as employment, growth, international trade and finance, monetary and fiscal policy, and environmental issues.	Very limited seating
Grube, Laura	Morse-Ingersoll Hall (MI)	208	2:50 PM	3:50 PM	<b>ECON 380 - Economics Senior Seminar on the Wealth and Well-Being of Nations</b> This capstone course is for all majors in the department of economics. As the title suggests, the central question raised in this course is, "What are the nature and causes of wealth and well-being?" This is among the discipline's most important questions, and it is therefore a fitting one to pursue in this capstone course. Economists have addressed this question with a wide variety of intellectual tools and paradigms, and it is the source of continuing debate and discovery.	This Very limited seating
Grube, Laura	Sanger Center for the Sciences	150	1:35 PM	2:35 PM	<b>ECON 380 - Economics Senior Seminar on the Wealth and Well-Being of Nations</b> This capstone course is for all majors in the department of economics. As the title suggests, the central question raised in this course is, "What are the nature and causes of wealth and well-being?" This is among the discipline's most important questions, and it is therefore a fitting one to pursue in this capstone course. Economists have addressed this question with a wide variety of intellectual tools and paradigms, and it is the source of continuing debate and discovery.	This
Derosier, Joseph	Morse-Ingersoll Hall (MI)	110	10:00 AM	11:00 AM	<b>FREN 110 - French in the Francophone World</b> This course continues to develop oral comprehension, speaking, reading, and writing skills in French through readings and discussions of cultural materials from France and other Francophone countries. These include literary texts, media, and other forms of expression on contemporary issues. It offers an intensive review of the fundamentals of French grammar with the goal of increasing vocabulary, grammatical precision and the four linguistic skills: listening comprehension, speaking, reading, and writing French.	This Syllabus link <a href="#">here</a> .
Derosier, Joseph	World Affairs Center (WAC)	207	2:50 PM	3:50 PM	<b>FREN 215 - Advanced French Language and Ecocriticism: Vivre vert</b> This is an advanced language and composition course with a twist: the course focuses on environmental writing, activism, and culture in French and Francophone literature, culture, media, and film. Students revise and perfect grammar and composition through exploring the zero waste movement spearheaded by Zero Waste France and the governmental projects to reduce waste. As students work through media, literature, film, government documents, and public-facing educational projects, they move toward final projects to draft a proposal and create presentations to make Beloit "plus vert" ("more green"). This course covers complex grammar points, oral expression, vocabulary building, and writing for diverse audiences. It particularly emphasizes written expression through structured writing assignments, in order to build confidence in communication skills, productive collaboration, and the ability to address, respond to, and solve local problems.	This Syllabus link <a href="#">here</a> .

Walsh, Lisl	Morse-Ingersoll Hall (MI)	207	10:00 AM	11:00 AM	<b>GLAM 140 - Beginning Latin I</b> In this class, students master the basic vocabulary and forms of the language of the Caesars, Cicero, and the citizens of the Roman Empire. Latin is an advantageous starting point for learning any of the modern Romance languages (including Spanish, French, Italian, Portuguese, and Romanian), and an education in Latin literature was once considered the backbone of a liberal arts education. This course is designed to enable a disciplined student to deal as soon as possible with Latin texts in a competent and sure manner.	
Walsh, Lisl	Morse-Ingersoll Hall (MI)	209	11:15 AM	12:15 PM	<b>GLAM 204 - Roman Civilization</b> Ancient Rome produced great works of literature, art, and architecture, and was the model for the American Republic. Yet its people enjoyed the blood sports of the arena and engaged in the ruthless conquest and subjugation of much of the Mediterranean world. This course explores the history and culture of this seemingly contradictory civilization, from its origins as an Etruscan kingdom through the rise of the Republic and its transition into Empire. Through a critical and integrated analysis of literary and material culture, students develop a picture of what it meant to be Roman, and consider what it might mean to see ourselves as the inheritors of a Roman tradition.	Very limited seating
Walsh, Lisl	Sanger Center for the Sciences	130	2:50 PM	3:50 PM	<b>GLAM 249 - Statistical Approaches to Latin Poetry</b> This intermediate-level Latin course helps students to refine, review, and/or deepen their understanding of Latin grammar, syntax, and vocabulary, but its focus is to introduce students to basic statistical concepts and techniques in the process of studying and making arguments about ancient Latin poetry. Students explore how to represent and study texts as sets of quantitative and qualitative data, how to use quantitative analysis of these data to find patterns in texts, how to develop and test hypotheses about texts using data analysis, and how to develop persuasive arguments that use quantitative data as evidence for textual interpretation.	Very limited seating
Christison, Akiko	World Affairs Center (WAC)	10	11:15 AM	12:15 PM	<b>JAPN 200 - Third-Year Japanese I</b> These courses aim to expand students' basic skills in the Japanese language and deepen their knowledge of Japanese culture. New speech styles and new Kanji are introduced. Students will read simple essays and write short compositions. Classes will be taught in Japanese.	
Harris, Katherine	Sanger Center for the Sciences	301	1:35 PM	2:35 PM	<b>MATH 108 - Pre-Calculus</b> The mathematics necessary for calculus: algebraic manipulations; radicals and exponents; logarithmic, exponential and trigonometric functions; graphing and analytical geometry; theory of polynomials; complex numbers, and how such mathematics is developed.	
Harris, Katherine	Sanger Center for the Sciences	302	8:45 AM	9:45 AM	<b>MATH 110 - Calculus I</b> An introduction to differential and integral calculus. Limits and continuity, derivatives and integrals of polynomial, trigonometric, exponential, and logarithmic functions, applications of derivatives to optimization and approximation, the Mean Value Theorem, and the Fundamental Theorem of Calculus.	
Bookman, Joe	Hendricks Center for the Arts	132	10:15 AM	12:05 PM	<b>MDST 100 - Introduction to Film Art</b> Exploring the work of filmmakers from around the globe, this introductory-level course examines the formal elements of filmmaking as well as the various forces—political, technological, cultural, and economic—that give rise to specific kinds of cinematic art. The course format combines lectures, discussions, student presentations, and film screenings.	Film Screening Day
Bookman, Joe	Mayer Hall	Wood	1:35 PM	2:35 PM	<b>MDST 251 - The Video Essay</b> This course examines the video essay, an emerging form of digital art and academic discourse, which has lately come into its own as a powerful new mode of media expression. First and foremost, it explores ways in which the literary essay—a form that dates back centuries, if not millennia—has come to inform various cinematic and videographic impulses. It provides students an opportunity to develop skills as writers, video makers, and cultural critics.	
Bailey, Alicia	Neese Performing Arts Center	SCST	8:45 AM	9:45 AM	<b>PART 140 - Stagecraft</b> A beginning stagecraft course that introduces students to the basic aspects of technical theatre production and construction of theatrical scenery. Students learn the safe operation and handling of tools used in the construction, painting, assembly, and deconstruction of scenery.	Visitors are welcome, but not permitted use of shop tools
Barolsky, Daniel	Sanger Center for the Sciences	302	11:15 AM	12:15 PM	<b>PART 150 - Performing Arts Historiography</b> This course explores how and why it is that we, as individuals and communities, read, write, and interpret histories to justify our love of or identification with musics and sounds. The purpose of this course is to learn how we can use music history (including the methods and tools of musicology and music historiography) to empower and liberate our sense of self, our identities, our communities, and our values.	Discussion of Threepenny opera
Tedesco, Matthew	Sanger Center for the Sciences	150	2:50 PM	3:50 PM	<b>PHIL 100 - Logic</b> An investigation of the formal structure of reasoning and the logical relationships that underlie good arguments. Many college courses explore and investigate the reasons to take something to be so; logic explores the correctness or strength of reasoning itself. This course will have a particular emphasis on the major historical methods for symbolically representing and analyzing deductive arguments: Aristotelian logic, propositional logic, and predicate logic. Some attention may also be paid to informal logical fallacies.	

Tedesco, Matthew	Morse-Ingersoll Hall (MI)	209	1:35 PM	2:35 PM	<b>PHIL 224 - Environmental Ethics</b> An examination of ethical questions related to the environment and our place in it. Special emphasis on issues concerning our moral responsibility to beings and entities that are physically, metaphysically, and/or temporally distant from us. These may include distant persons, nonhuman animals, natural objects, species, and ecosystems, as well as future iterations of these.	Very limited seating
Fredriksson, Klara	Sanger Center for the Sciences	302	1:35 PM	2:35 PM	<b>POLS 110 - U.S. Federal Government and Politics</b> Introduction to U.S. government and politics at the national and state levels. Provides background on guiding principles, constitutional guarantees, the federal system, major institutions, and mechanisms that link citizens to officials. Covers both federal and state levels and their interaction in topics such as elections and political executives, which include the president and governors. Illustrative use of public policy materials, especially health policy, as well as current events and issues.	Lecture and group discussions
Fredriksson, Klara	Morse-Ingersoll Hall (MI)	107	8:45 AM	9:45 AM	<b>POLS 110 - U.S. Federal Government and Politics</b> Introduction to U.S. government and politics at the national and state levels. Provides background on guiding principles, constitutional guarantees, the federal system, major institutions, and mechanisms that link citizens to officials. Covers both federal and state levels and their interaction in topics such as elections and political executives, which include the president and governors. Illustrative use of public policy materials, especially health policy, as well as current events and issues.	Lecture and group discussions
Toral, Pablo	Morse-Ingersoll Hall (MI)	209	8:45 AM	9:45 AM	<b>POLS 160 - International Politics</b> Introduction to the workings of the international political and economic systems from both a practical and theoretical perspective. Offers a brief history of the key events which have shaped international politics, introduces the major theoretical approaches of the discipline, and explores mechanisms for conflict and cooperation.	Alumni will lead class discussion
Dougherty, Beth	Morse-Ingersoll Hall (MI)	208	11:15 AM	12:15 PM	<b>POLS 160 - International Politics</b> Introduction to the workings of the international political and economic systems from both a practical and theoretical perspective. Offers a brief history of the key events which have shaped international politics, introduces the major theoretical approaches of the discipline, and explores mechanisms for conflict and cooperation.	Discussing mass atrocity crimes
Fredriksson, Klara	Sanger Center for the Sciences	202	10:00 AM	11:00 AM	<b>POLS 215 - U.S. Parties, Campaigns, and Elections</b> Investigates the nature and functioning of political parties and elections, and their roles in representative government. Special attention given to campaigns, with fieldwork required.	Very limited seating; alumni guest lecturer
Toral, Pablo	Morse-Ingersoll Hall (MI)	209	10:00 AM	11:00 AM	<b>POLS 237 - International Law and Organization: European Union</b> A review of the history of the European Union (EU). Addresses the politics of identity, such as the meaning of being European and the challenge of nationalism, treaty law, and integration theories. Includes a simulation of an EU summit.	Alumni will lead class discussion
Dougherty, Beth	Morse-Ingersoll Hall (MI)	108	2:50 PM	3:50 PM	<b>POLS 265 - Nationalism and Ethnic Politics</b> An exploration of the central concepts and theoretical debates surrounding nationalism and ethnic politics. Study of the meaning of the "nation," the construction of national identity, the sources of ethnic conflict, secession, intervention, the management of protracted social conflict, and conflict resolution.	Discussing race and the nation
Nickel, Allison	Sanger Center for the Sciences	202	1:35 PM	2:35 PM	<b>PSYC 235 - Sensation and Perception</b> This course examines the anatomy and function of human sense organs. Different theories of perception are presented, and the interrelationships between physical stimuli, physiological events, and psychological perceptions are addressed.	
Dalbo, George	Sanger Center for the Sciences	349	10:00 AM	11:00 AM	<b>SOCI 100 - Introduction to Sociology</b> Examination of the major sociological paradigms, theories, and processes shaping the relationship between society and individuals. Elements emphasized include the following: social structure, institutions and roles, culture, sex and gender, social class and stratification, social change, methodology, race and ethnicity, socialization. The goal is to develop the sociological imagination, which is an analytical perspective examining the interplay between structure and agency.	
Dalbo, George	Godfrey Hall	102	1:35 PM	2:35 PM	<b>SOCI 290 - Topical Studies in Sociology: Sociology of Collective Memory</b> This course will examine the interdisciplinary research in the growing field of memory studies, with a particular focus on social or collective memory. Some of the questions this course may study include: How do societies and groups establish and maintain their collective identities? How do they remember and memorialize their histories and important turning points? How are traditions (re)invented over generations? How are collective memories transformed over time? What is the role of memorials, museums, and other institutions? What is the meaning of "home" for diasporic and migrant communities? What is heritage and how is it understood by groups? How are wars and other instances of mass violence commemorated? How does trauma shape collective memories? Through diverse case studies, we will explore how collective memory is created, transmitted, contested, and continually (re)shaped.	

Dalbo, George	Morse-Ingersoll Hall (MI)	109	11:15 AM	12:15 PM	<p><b>SOCI 290 - Topical Studies in Sociology: Sociology of Education</b></p> <p>This course will examine sociological theories of education to understand how social inequalities are reproduced and ameliorated through primary and secondary schooling in the United States. We will critically analyze the role of education, especially public schooling, and the structure of schools on individuals and society. The course will focus on how socioeconomic class, race, gender, sexuality, language, religion, and dis/ability influence and are influenced by educational environments. Topics may include the history and development of schooling; school segregation; school culture; curriculum and instruction; private and parochial schools; home and unschooling movements; the interaction between home, society, and educational institutions; school reform movements, assimilation; and education systems outside the United States. Analyzing case studies, we will move from macro to micro, structures to people, and analysis to advocacy, seeking to probe the connections among research, policy, and practice.</p>	
Lopez, Sylvia	World Affairs Center (WAC)	202	2:50 PM	3:50 PM	<p><b>SPAN 215 - Advanced Spanish Language and Hispanic Health</b></p> <p>Students study advanced grammatical structures and vocabulary to expand and strengthen their lexical and grammatical understanding of the language while completing writing assignments that explore health topics in the Spanish-speaking world and how culture impacts health. While engaging with the writing process, students also have the opportunity to build their confidence in listening, reading, speaking, and conducting research.</p>	Limited seating