Academic Classes Open to Visitors
Friday, October 13, 2023

**Courses marked with an asterisk (*) have limited space
and will be available to registered guests on a first-come, first-served basis.**

Chemistry

CHEM 111 03   **Intro Chemistry I & Lab**   9:00 – 9:50 AM
　　　　　　　　　Prof. Lindsey Hanson   CT 105

The study of the major concepts and theories required for an understanding of chemical phenomena. Principal topics include atomic and molecular structure, gas laws, stoichiometry, changes of state, chemical binding, solutions, and energetics in chemical reactions. Laboratory work includes quantitative measurements of solutions, synthesis, characterization of chemicals by physical and spectroscopic methods, molecular modeling, and student-assigned projects concentrating on quantitative measurements of solutions. Course intended primarily for students with little or no previous chemistry background.

CHEM 111 05 *   **Intro Chemistry I & Lab**   10:00 – 10:50 AM
　　　　　　　　　Prof. Michelle Kovarik   CT 308

The study of the major concepts and theories required for an understanding of chemical phenomena. Principal topics include atomic and molecular structure, gas laws, stoichiometry, changes of state, chemical binding, solutions, and energetics in chemical reactions. Laboratory work includes quantitative measurements of solutions, synthesis, characterization of chemicals by physical and spectroscopic methods, molecular modeling, and student-assigned projects concentrating on quantitative measurements of solutions. Course intended primarily for students with little or no previous chemistry background.

CHEM 111 07   **Intro Chemistry I & Lab**   11:00 – 11:50 AM
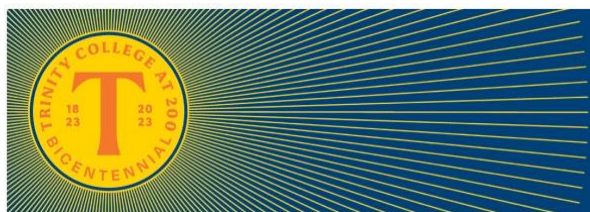　　　　　　　　　Prof. Lindsey Hanson   CT 105

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CHEM 211 01 *   **Elem Organic Chem I**   8:00 – 8:50 AM
　　　　　　　　　Prof. Timothy Curran   CT 105

A systematic study of the compounds of carbon, including methods of synthesis and correlation of chemical and physical properties with structure. Introduction to certain theoretical concepts. One laboratory per week emphasizing basic techniques and synthesis.

CHEM 211 02 *   **Elem Organic Chem I**   11:00 -11:50 AM
　　　　　　　　　Prof. Cheyenne Brindle   CT 308

A systematic study of the compounds of carbon, including methods of synthesis and correlation of chemical and physical properties with structure. Introduction to certain theoretical concepts. One laboratory per week emphasizing basic techniques and synthesis.

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Classical Studies

CLCV 232 01 **Ancient Greece on Film and TV** **1:30 – 2:45 PM**
Prof. Vincent Tomasso MECC 246

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GREK 102 01 **Intr Class & Biblical Greek II** **9:00 – 9:50 AM**
Prof. Vincent Tomasso LIB 181

The study of the major concepts and theories required for an understanding of chemical phenomena. Principal topics include atomic and molecular structure, gas laws, stoichiometry, changes of state, chemical binding, solutions, and energetics in chemical reactions. Laboratory work includes quantitative measurements of solutions, synthesis, characterization of chemicals by physical and spectroscopic methods, molecular modeling, and student-assigned projects concentrating on quantitative measurements of solutions. Course intended primarily for students with little or no previous chemistry background.

Economics

ECON 318 01 * **Basic Econometrics** **9:00 – 9:50 AM**
Prof. Diane Zannoni LIB B03

The formulation and estimation of models; topics include a review of basic concepts and results of statistical inference, single equation regression model, functional forms, problems of estimation, and simultaneous equation models. Students must also enroll in the required lab for this course.

First-Year Seminars Program

FYSM 118 01 * **Sports** **9:00 – 9:50 AM**
Prof. John Alcorn HHN 105

An introduction to social science of sports. We will examine collegiate, professional, individual, team, and international sports. Specific topics are: nature and nurture in athletic prowess, stakeholders (athletes, fans, owners, media, and sponsors), dysfunctions (bias, corruption, discrimination, doping, & violence), and governance (official rules and informal honor codes). An overarching question is: What are sports for? We will review answers from various disciplines in the liberal arts, and develop our own. Students will conduct policy debates, about pay-for-play for collegiate athletes, performance-enhancing drugs, and Title IX. The seminar mixes traditional meetings and experimental components, including public debates and workshops in which students learn to create polished virtual presentations of their final projects. There will be guest visits by experts from the field.

Formal Organizations

FORG 272 01 * **Mafia** **11:00 – 11:50 AM**
Prof. John Alcorn HHN 105

In contemporary societies there is an intimate contest between two kinds of social order: The rule of law and criminal organization. A remarkable instance may be found in the workings and metamorphoses of the Mafia. From its origins in Sicily, an agrarian society on the periphery of Europe, the Mafia has acquired intercontinental dimensions and a grip on high politics and finance capital. This shadowy phenomenon has been approached and explained in very different ways by historians, anthropologists, sociologists, economists, and political scientists. It has also been the subject of literature and film. We shall discuss outstanding examples of each approach and treatment. The purposes of the course are to make sense of the Mafia, to explore a basic problem of social order and to compare the different styles of reasoning and representation that characterize the various disciplines in the social sciences and humanities. Course requirements: seminar reports, several short papers, and full attendance and participation. (Listed as both LACS 272 and ITAL 272.)

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FORG 315 *   **Prohibitions**   10:00 – 10:50 AM
Prof. John Alcorn   HHN 105

This seminar tackles two questions: Why do we outlaw some consensual behaviors by adults? And should we? Our common work will focus on prohibitions against lifestyles, markets, international migration, and making and taking life. Topics in contested lifestyles are recreational drug use and free marriage. Topics in contested markets are sex, adoption, organs for transplantation, secrecy (blackmail), and wagering on political predictions. Topics in contested ways of making and taking life are genetic engineering, abortion, and assisted suicide. Students will conduct policy debates about various prohibitions. We will devote several weeks towards the end of the semester to individual (or small-group) research projects by students. The research projects may be about topics we have covered or about other prohibitions.

Language and Culture Studies

GRMN 201 01 *   **Intermediate German I**   10:00 – 10:50 AM
Prof. Julia Assaiante   LIB 174

This course will aim for intermediate-level proficiency in understanding, speaking, and writing contemporary idiomatic German with emphasis on conversation. Essential grammar review, exercises, and oral reports will be based on the reading and discussion of such materials as edited TV broadcasts, letter-writing, and short essays.

Mathematics

MATH 207 02   **Statistical Data Analysis**   9:00 – 9:50 AM
Prof. Per Sebastian Skardal   LSC 138-9

An introductory course in statistics emphasizing modern techniques of data analysis: exploratory data analysis and graphical methods; random variables, statistical distributions, and linear models; classical, robust, and nonparametric methods for estimation and hypothesis testing; analysis of variance and introduction to modern multivariate methods. Those who successfully complete Math 107 may take Math 207 for credit due to its increased depth of coverage and breadth of topics. At the discretion of the Mathematics Department, section enrollments may be balanced.

MATH 209 01 *   **Stochastic Processes**   12:00 – 12:50 PM
Prof. Per Sebastian Skardal   MC 307

An introduction to stochastic processes, including Markov chains, queueing theory, and Monte Carlo simulations. Following the introduction of conditional probability and expectation topics will include discrete Markov chains, Poisson Processes, and continuous Markov chains. Limiting behavior, stationary distributions, hitting times, and exit distributions will be emphasized throughout, along with applications and practical considerations for Monte Carlo simulations.

Writing and Rhetoric

RHET 103 07 *   **College Writing**   11:30 AM – 12:45 PM
Prof. Lauren McGill   115V WC

An introduction to the art of expository writing, with attention to analytical reading and critical thinking in courses across the college curriculum. Assignments offer students opportunities to read and write about culture, politics, literature, science, and other subjects. Emphasis is placed on helping students to develop their individual skills.