

FALL 2019
NON-CATALOG COURSE DESCRIPTIONS

CHEM 297 TOPICS: SCIENTIFIC COMPUTING

A course covering the use of the Python programming language for the processing, analysis, and visualization of scientific data, simulations, and the automation of scientific data management. This course will expose students to a variety of scientific computing libraries including NumPy, SciPy, pandas, matplotlib, SymPy, scikit-image, and scikit-learn. No prior programming experience is required. Prerequisites: One year of high school chemistry with a grade of "B" or higher is required or instructor approval; CHEM 117 or 120 recommended.

CIVT 202 DIVERSITY AND THE PSYCHOLOGY OF PREJUDICE

Is prejudice primarily a problem of the past? Are we all prejudiced? Do our differences have to divide us? In this seminar course, we will explore responses to diversity. We will consider evidence regarding prevailing forms of prejudice, stereotyping, and discrimination in the United States. We will examine psychological theories and research about the causes and consequences of prejudice and about ways to reduce prejudice.

CIVT 203 (RE)CONQUERING IBERIA: DOING JUSTICE TO SPAIN'S ISLAMIC LEGACY

This course will explore, on the one hand, the complex relationships that existed among Christian, Jewish, and Muslim communities in Spain during the Medieval and Early Modern periods, with a special focus on understanding these not solely as faith communities, but as cultural and political entities as well. On the other hand, we will consider the ways in which people, over time, have attempted to grapple with, explain, and live with the significance of these relationships. By the end of this course, we will reflect on what Spain's complex relationship with its Islamic legacy may offer us when considering other sites of cultural contact and conflict. Cross listed with MDFL 397.

CIVT 204 THE SOUND OF FREEDOM: MUSIC HISTORY AND LITERATURE OF THE NON-WESTERN WORLD
(See MUSI 214)

COMM 397 TOPICS: GENDER, RACE, AND CLASS IN THE MEDIA

This course critically examines stereotypes (of gender, race and class) and the process by which they are produced, maintained, and challenged in the media. The course looks at the impact of historical, economic, and political legacies that have created pervasive stereotypes that DO change (or get remixed), but often continue to uphold the perspective and status of those with power. The course also complicates traditional identity categories to reveal ways we individually and collectively resist, incorporate, and intermingle identities in relation to various media contexts.

COSC 297 TOPICS: SCIENTIFIC COMPUTING (See CHEM 297)

EDUC 397 TOPICS: EDUCATIONAL ASSESSMENT

This course will provide students with the strategies and techniques to effectively design and implement classroom assessments, and interpret standardized test results in the classroom environment. Students will learn to employ a variety of assessment techniques and interpret the results of various assessments designed for learners from different backgrounds.

MDFL 397 TOPICS: (RE)CONQUERING IBERIA: DOING JUSTICE TO SPAIN'S ISLAMIC LEGACY
(See CIVT 203)