NEW TOPIC TITLES

**ARTH 516  Advanced Topics in Art History (3)**  
*Prerequisites: Restricted to Art and Art History majors and minors and M.F.A. Art students; one 300- or 400-level Art History course*; or consent of the instructor.  
Investigation of advanced topics in Art History. Topics to be specified in the Class Schedule. May be repeated when topics vary.  
[Formerly ART 516]  
1. Mexican Muralism and Its Legacy in the Americas

NEW COURSES

**ACCT 514  Fundamentals of Data Analytics in Accounting (3): Regular; CS-03; Fall 2020**  
*Prerequisites: Restricted to Accounting majors; ACCT 301* with a grade of C- or better.  
Introduction to the basic knowledge and skills of data analytics in accounting.

**ACCT 814  Seminar in Accounting Data Analytics (3): Regular; CS-03; Fall 2020**  
*Prerequisite: BUS 780* with a grade of B- or better.  
Gain a set of technical skills required to draw insights from financial statement data and to solve complex data analytic and visualization problems.

**CSC 221  Data Structure Lab (1): Regular; CS-13; Fall 2020**  
*Prerequisites: CSC 210 and CSC 211; concurrent enrollment in CSC 220.*  
Training on the principles of object-oriented programming, data structures (such as stacks, queues, lists, trees, sets, HashMaps, etc.), implementation and usage in solving real-life problems, recursion, and algorithm analysis. (CR/NC grading only)

**ENG 523/MLL 523  Practicum in Language Tutoring (3): Cross-list; CS-05 & CS-17; Fall 2020**  
*Prerequisite: Upper-division standing or consent of the instructor.*  
Training for both tutors of English for speakers of other languages and foreign languages across a range of contexts (including secondary school, adult education, community college, and university). Techniques covered include readings, role-play demonstrations, and reflective journals. Discussion of how to locate and select reference materials for teaching appropriate language skills. Lecture, 3 units; practicum, 0 unit.  
(This course is offered as ENG 523 and MLL 523. Students may not repeat the course under an alternate prefix.)
**FR 570/FR 870**  Monstres du 19e Siècle: L'altérité et L'essor du Modernisme (3): Pair; CS-05; Fall 2020  
*Prerequisite for FR 870: Graduate Standing or consent of the instructor.*  
*Prerequisite for FR 570: FR 500 or FR 501 or consent of the instructor.*  
Explore otherness in nineteenth-century France through poetry, short stories, novels, and historical documents. What is the relationship between alterity and modernity, and what can these literary “monsters” tell us about ourselves? Investigation of the nineteenth-century fascination with monstrosity through fiction by Balzac, Gautier, Maupassant, and Rachilde; the memoirs of Herculine Barbin; and popular fiction. Secondary readings by other authors will provide critical tools to analyze primary texts. [Taught in French.]  
(FR 870/FR 570 is a paired course offering. Students who complete the course at one level may not repeat the course at the other level.)

**GEOG 604/GEOG 704**  Environmental Data Science (3): Pair; CS-02 & CS-15; Fall 2020  
*Prerequisite for GEOG 704: Graduate standing or consent of the instructor.*  
*Prerequisite for GEOG 604: GEOG 205 and GEOG 603; or consent of the instructor.*  
Environmental data science is the array of methods for turning raw data into understanding as applied to environmental research. An exploratory data analysis approach is employed where visualization of data in time and space can lead to insight and hypothesis development. Major topics include time-series analysis, geospatial methods employing open-source tools in the R language, and employing innovations in graphics and maps.  
(GEOG 704/GEOG 604 is a paired course offering. Students who complete the course at one level may not repeat the course at the other level.)

**MUS 783**  Advanced string ensemble teaching for grade 7-12 ensembles (1): Regular; CS-05; Spring 2021  
*Prerequisite: MUS 618 or consent of the instructor.*  
Practical applications of string methods and string pedagogy techniques for instruction in hands-on teaching experiences in individual and ensemble settings.

**PLSI 307/I R 307**  Qualitative Methods in Political Science and International Relations (3): Regular; CS-04; Fall 2020  
*Prerequisite: Upper-division standing or consent of the instructor.*  
Examination of qualitative research methods in theory and practice. Topics include interviewing, participant observation, ethnography, and the ethics of conducting research in the political and social sciences.  
(This course is offered as PLSI 307 and I R 307. Students may not repeat the course under an alternate prefix.)

**PLSI 468**  Women and American Politics (4): Regular; CS-02; Fall 2020  
*Prerequisite: Upper-division standing or consent of the instructor.*  
Examination of women’s participation in the American political sphere and the broader role of gender in U.S. politics. Study of the institutional, structural, and cultural challenges facing women in American politics; ways in which gender affects campaigning, representation, and leadership styles; the effects of women’s representation on policy and political participation.
PLSI 470/WGS 470  The Politics of Sex and Reproduction (4): Cross-List; CS-02; Fall 2020

Prerequisite: Upper-division standing or consent of the instructor.

Examination of the politics of sex and reproduction in the United States through policy, law, and theory. The role of the state on issues such as abortion, infertility, pregnancy, pornography, sex work, contraceptives, and procreative and non-procreative sex. Analysis of gender roles and the way conceptions of femininity and masculinity are written into U.S. law.

(This course is offered as PLSI 470 and WGS 470. Students may not repeat the course under an alternate prefix.)