IDEAS FOR SPRING 2016 ELECTIVES (IN OTHER DEPARTMENTS)

Please consult online Columbia Directory of Classes for the latest information on spring courses.
http://www.columbia.edu/cu/bulletin/uwb/

Please pay attention to the number of credits under each course’s listing on the Directory of Classes. While Spring 2016 course offerings are not yet fully listed online, based on some partial information and prior spring offerings, courses in other schools and departments of possible interest may include (though keep in mind this list is NOT exhaustive):

**Law and Policy**
- International and Public Affairs U6143: Gender, Globalization, Human Rights
- International Affairs U6243: International Environmental Policy
- Environmental Policy U6228: Role of Government in Advanced Corporate Sustainable Development
- Biotechnology W4160: Biotechnology Law
- Sustainability Management K4720: Policy & Legal Context for SUMA
- Sustainability Management K4190: Economics of Sustainability Management

(Mailman and the Law School have not yet posted their Spring 2016 courses. Please check back on the Directory of Classes)

**Ethics**
- Biomedical Engineering E4010: Ethics for Biomedical Engineers (2 credits)
- Psychology G4495: Ethics, Genetics, & Brain (4 credits)
  http://www.columbia.edu/cu/bulletin/uwb/subj/PSYC/G4495-20161-001/

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**Science**
- Biology W4031: Genetics
  http://www.columbia.edu/cu/bulletin/uwb/subj/BIOL/W4031-20161-001/
- Biology G4305: Seminar in Biotechnology
- Biology W4510: Genomics of Gene Regulation
  http://www.columbia.edu/cu/bulletin/uwb/subj/BIOL/W4510-20161-001/
- Biology W4560: Evolutionary Bio in the Age of Genomics
  http://www.columbia.edu/cu/bulletin/uwb/subj/BIOL/W4560-20161-001/

**Social Science Methods**

- Quantitative Methods G4015 – Data Analysis for the Social Sciences
- Narrative Medicine NMED 4300 – Qualitative Methods in Research (4pts)
- Political Science W4368: Experimental Research
  http://www.columbia.edu/cu/bulletin/uwb/subj/POLS/W4368-20161-001/
- Sustainability Management K4193: Statistics for Sustainability Management
  http://www.columbia.edu/cu/bulletin/uwb/subj/SOSC/P8785-20151-001/
  **May not be offered again this Spring – Mailman has not yet released its courses**
- Sociomedical Sciences P8777: Survey Research Methods
  http://www.columbia.edu/cu/bulletin/uwb/subj/SOSC/P8777-20151-001/
  **May not be offered again this Spring – Mailman has not yet released its courses**
- Teachers College CCPX 5534 001: Rsch Methods: Clinical Psychlgy
- Teachers College EDPE 6025 001: Conducting Field Experiments
  The purpose of this course is to introduce students familiar with causal methods to the design and implementation of field experiments in economics and education. In the first part of the course, students will study experimental design. In the second part of the course, students will focus on the practical aspects of running an experiment. The course assignments will lead up to a completed proposal outlining the theory, design, and implementation of a field experiment. In addition, students will complete an IRB application for human-subjects approval and present their proposals.
- Teachers College EDPS 5057 001: Qual Rsrch Ed Plcy & Soc Anls
  This course is designed to assist students in conceptualizing and designing research projects – for Master’s Theses or Doctoral Dissertations – that examine, interrogate and evaluate public policies in the fields of education and social welfare through methodological approaches we commonly think of as qualitative. The curriculum emphasizes the benefits and limitations of qualitative methods for studying particular policy issues and programs with the goal of defining when a qualitative approach is most helpful. We will explore qualitative case studies as a
research design as well as several different data collection methods employed by qualitative researchers, including interviews, observations, ethnography, and document analysis. The class also addresses what sort of research questions can best be answered through qualitative data collection, and how qualitative researchers can frame their inquiry in a manner that speaks to public policy debates and issues. Furthermore, the course will require students to appreciate the significance and meaning of a more contextual approach to education policy analysis. This course, therefore, fulfills the qualitative research methods requirement for the Sociology and Education Program and other programs across the EPSA Department and College.

For SOCL majors. Students in other programs may register with instructor approval.

- Teachers College HBSS 5040 001: Rsch Methds Hlth Behav Stud I
  http://www.tc.columbia.edu/academics/resources/courses/
- Introduction to research, study designs, and data collection methods in research in health and behavior studies, including nursing, nutrition, and health education with emphasis on reading and understanding research literature. DEDM majors can enroll automatically. Other majors must have instructor's approval; approval is granted to non-majors as space allows. Online course. Registrants will receive all necessary course site access information through their TC e-mail accounts. For more information, please contact the course instructor.

- Teachers College HUD 4120 001: Methods of Empirical Research (2-3 credits)
  http://www.tc.columbia.edu/academics/resources/courses/
  An introduction to the methods of scientific inquiry, research planning, and techniques of making observations and analyzing and presenting data.

- Teachers College ITSF 5000 001: Mth Inqury: Ethngrphy Part Obsr
  http://www.tc.columbia.edu/academics/resources/courses/
  This course examines the methods of the social sciences as they relate to ethnography and participant observation. The course emphasizes the role of theory, characteristics of various research techniques, and the importance of integrated research design. The course provides opportunities to practice ethnographic research techniques, including developing a research question, designing a study, interviewing, conducting observations, and analyzing data.