

## Science (SCI)

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### SCI 120A A WATERSHED YEAR (6)

Lecture, 5 hours. Laboratory, 3 hours. This is the first semester of a year-long integrated transition course for first-time freshmen, which immerses students in real-world issues of environmental sustainability through hands-on work and outdoor field experiences focusing on Sonoma County's watershed. Prerequisite: GE ready in Mathematics. Completion of SCI 120A earns GE Lab credit and 6 total GE credits in A3 (2 units), B2 (2 units), B4 (2 units). C- or better required in the second semester for A3 credit.

### SCI 120B A WATERSHED YEAR (6)

This is the second semester of a year-long integrated transition course for first-time freshmen, which immerses students in real-world issues of environmental sustainability through hands-on work and outdoor field experiences focusing on Sonoma County's watershed. Prerequisite: Successful completion of SCI 120A. Completion of SCI 120B earns 6 total GE credits in A3 (2 units), B2 (2 units), and B4 (2 units). C- or better required in the second semester for A3 credit.

### SCI 150 INTRODUCTION TO CAREERS IN HEALTH PROFESSIONS (1)

Lecture, 1 hour. An introduction to careers and current issues in the health professions. The professions examined generally require a bachelor's degree before being accepted into a graduate-level health professions program such as medicine, osteopathic medicine, dentistry, veterinary medicine, optometry, pharmacy, physician assistant, podiatry, chiropractic medicine, genetic counseling, hospital administration, public health, clinical laboratory scientist, nursing, physical or occupational therapy, etc. Cr/NC only.

### SCI 220 DREAM, MAKE AND INNOVATE (3)

Lecture, 2 hours; activity, 2 hours. Building on the philosophy of learning by making, this transformative course empowers students with modern technical and interpersonal skills in the context of the bigger picture. It is a gateway course to high end 3D printing and rapid product design. A key component of the course experience is the incorporation of self-awareness to understand the relationship and importance of the individual to larger social systems. Community partners join the class as project advisors. This class uses the SSU campus makerspace. Course satisfies GE Area E (The Integrated Person).

### SCI 308 KNOWLEDGE AND VALUES IN SCIENCE (3)

## Sociology(SOCI)

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### SOCI 201 INTRODUCTION TO SOCIOLOGY (3)

A general overview of the concepts, theories, research methods and findings of sociology. The purpose is to train students to view the world through a sociological perspective. Satisfies GE Level D1 (Individual and Society).

### SOCI 263 SOCIOLOGY OF RACE AND ETHNICITY (4)

This course examines race and ethnic relations in the US from a theoretical, historical, and comparative perspective. Explores the emergence of racial and ethnic minorities through such historical processes as colonialism, slavery, and immigration. Studies the current relations among racial and ethnic groups in the US. Satisfies GE Area D1 (Individual and Society), Ethnic Studies.

### SOCI 300 SOCIOLOGICAL RESEARCH METHODS (4)

Consideration of the ways in which sociological questions are formulated and answered. Examination of and practice in conceptualization, theory construction, deductive and inductive reasoning, and other elements of sociological analysis, with an emphasis upon sociological research methods. Required for majors. Prerequisite: SOCI 201 with a grade of C-.

### SOCI 301 STATISTICS FOR SOCIOLOGISTS (4)

An introduction to descriptive and inferential statistics to test hypotheses in the social sciences. Emphasis on data collection techniques, statistical analysis and interpretation using SPSS, as well as written reporting of results. Satisfies the requirement for statistics in the sociology major. Prerequisite: SOCI 300 strongly recommended.

### SOCI 306 CAREER PLANNING FOR SOCIOLOGY MAJORS (4)

Explores careers related to sociology from a sociological perspective, particularly careers undergraduate students can enter. Careers examined across four areas: private/for-profit sector, nonprofit foundations, public sector (city, county, state and federal government), and academia (including graduate school). Professional skills and portfolio also developed. Meets Sociological Experience requirement for majors.

### SOCI 310 SOCIOLOGY OF IMMIGRATION (4)

Examines immigration through a sociological lens with attention to the social, political, and historical contexts of immigration and the relationships between migrants and existing institutions and identities. Explores factors shaping migration patterns and compares immigration policies across time and space. Topics include assimilation, immigrant incorporation, and transnationalism.

### SOCI 312 SOCIOLOGY OF GENDER (4)

Considers gender as a social construction and a product of social life. Analyzes how gender inequalities shape social structures, institutions, and interaction for both women and men. Challenges biological explanations for gender differences and inequalities. Focuses on analysis of gendered experiences as they relate to race/ethnicity, class, and sexualities.

### SOCI 314 DEVIANT BEHAVIOR (4)

The social causes and consequences of insanity, delinquency, criminality, addiction, social unconventionality and other "deviant" behavior. Examines the conversion and commitment to deviant world views, and the social processes involved in the transformation to a deviant identity. Cross-listed as CCJS 441.

### SOCI 315 SOCIALIZATION (4)

Analysis of the social processes through which human beings are inducted into social groups, in both childhood and adulthood. Particular attention is given to the socializing effects of schools, work, family, and friends.