

Science (SCI)

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).

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).

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.

SCI 308 KNOWLEDGE AND VALUES IN SCIENCE (3)

Social Sciences (SSCI)

SSCI 299 SOPHOMORE SEMINAR: HOW TO THINK LIKE A SOCIAL SCIENTIST (3)

A meta-disciplinary approach to social science literacy for second-year students, developing knowledge of themselves as individuals and applying that knowledge as active, engaged citizens. Students learn to ask questions, consider evidence, analyze data, and recognize theories and methods used by social scientists, as well as to explore their own individual direction for majors and career. Meets GE Area E

SSCI 300 INTRODUCTION TO PORTFOLIO DEVELOPMENT AND SPECIAL PROJECT (1)

Introduces the student to both the Liberal Studies Program and to the subject matter preparation program through a broad based, interdisciplinary approach that facilitates the student's need to understand the underlying relationship among all the courses in the program of study.

SSCI 320 SPECIAL TOPICS (1-4)

Examination of topics within Social Sciences. Themes and topics will vary.

SSCI 400 PORTFOLIO EVALUATION (3)

Contents of each portfolio will reflect the courses students have taken to complete the program, and will include organized examples of their achievement in each of the core courses in history, political science, economics, and geography, and in the courses they have chosen in the breadth/perspectives part of the program.

SSCI 444 PEER FACILITATOR (1-4)

Provides students experience in assisting an instructor in SSCI 299 by attending lecture, doing course-related research, working with small groups of students, and assisting the instructor(s) with course administrative tasks. Prerequisite: upper-division or graduate standing and consent of the instructor. May be repeated once for credit. Cr/NC only

SSCI 495 SPECIAL STUDIES (1-4)

A supervised study of an area of interest selected student in consultation with a sponsoring faculty member. Regular meetings will be arranged for discussions and progress evaluations, and a project/paper and/or portfolio will be submitted.

SSCI 499 INTERNSHIP (1-3)

Prerequisite: Consent of Instructor.