

# SOCIAL SCIENCES (SOSC)

---

**SOSC 120 F Introduction to Probability and Statistics 4 Units**

**Prerequisite(s):** MATH 024 F or MATH 040 F or MATH 041 F or MATH 043 F with a C or better or math skills clearance.

72 hours lecture per term. This course is an introduction to probability and statistics and covers descriptive and inferential statistics as well as the probabilistic basis of statistical inference. Computers and calculators will be utilized. Data sets and problems will be from anthropology, economics, geography, political science, psychology and sociology. This course is open to all students who meet the prerequisite, but is required for anthropology and sociology majors. This course is strongly recommended for economics, ethnic studies, geography and political science majors. Psychology majors should seek the advice of a counselor before choosing between PSY 161 F and SOSC 120 F. Students who receive credit for SOSC 120 F may not receive credit for MATH 120 F. (Degree Credit) (CSU) (UC) AA GE, CSU GE, IGETC (C-ID: SOCI 125, MATH 110)

**SOSC 125 F Introduction to Research Methods 3 Units**

**Prerequisite(s):** SOC 101 F or SOC 101HF with a grade of C or better

54 hours lecture per term. This course examines fundamental elements of empirical research and the ways social scientists think critically. This course includes attention to the nature of theory, hypotheses, variables and ethics of research. Application of qualitative and quantitative analytic tools including logic and research design, such as survey, observational, experimental, case study, and comparative historical research. (Degree Credit) (CSU) (UC) AA GE, CSU GE, IGETC (C-ID: SOCI 120)

**SOSC 130 F Introduction to LGBTQ Studies 3 Units**

54 hours lecture per term. This introductory course examines a broad range of contemporary lesbian, gay, bisexual, transgender, and queer issues in various contexts including bio-medical, sociological, political, racial and sexual. This course fulfills the Multicultural Education Requirement for graduation. (Degree Credit) (CSU) (UC) AA GE, CSU GE, IGETC (C-ID: SJS 130)