

INTERDISCIPLINARY STUDIES

Santa Barbara City College provides interdisciplinary instruction through courses in Science, Technology, Engineering and Mathematics, as well as in those covering various aspects of the social and behavioral sciences, oral communication, lifelong learning and self-development. Interdisciplinary courses emphasize innovation, diversity and collaboration.

Students planning to transfer to a four-year university should meet with an SBCC academic counselor to discuss the transfer process. Because admission and major preparation requirements vary at each transfer institution, students should select their General Education option and their coursework according to their academic and transfer goal to ensure appropriate academic planning. For detailed information on transfer requirements to the University of California and California State University systems, students should meet with a counselor and refer to www.assist.org (<http://www.assist.org>).

Credit Courses

Social Science (SS)

SS 101 Introduction to the Social Sciences (3 Units)

Skills Advisories: Eligibility for ENG 110 or ENG 110H.

Hours: 54 (54 lecture)

A theme-focused survey course of the social sciences. Also serves as a foundation for further studies in a chosen major discipline. It entails the social scientific study of human development, from macro, micro and multidisciplinary perspectives and disciplines, with specific focus on exemplary disciplinary concepts, educational requirements, and career opportunities.

SBCC General Education: SBCCGE Area B

Transfer Information: CSUGE Area D7, IGETC Area 4G, CSU Transferable, UC Transferable

SS 110C Pre-Statistics Support for the Social Sciences (2 Units)

Corequisites: PSY 150 or SOC 125.

Skills Advisories: Eligibility for ENG 098.

Hours: 36 (36 lecture)

Concurrent Elements of beginning and intermediate algebra needed for statistics, liberal arts mathematics or other non-mathematics-intensive fields. Topics include modeling using expressions, equations, functions and graphs; polynomial inequalities; and algebra of functions in data analysis, geometry and/or symbolic logic. May be accompanied by co-requisite/concurrent or prerequisite/preparatory support based on local placement practices and course offerings for students needing more foundational skills.

SBCC General Education: SBCCGE Area E1

Science, Technology, Engineering and Mathematics (STEM)

STEM 101 Introduction to Science, Technology, Engineering and Mathematics (3 Units)

Skills Advisories: Eligibility for ENG 98 and ENG 103 and MATH 104 or MATH 107 or MATH 111.

Hours: 54 (54 lecture)

Introduction to sciences (biology, chemistry, computer science, earth sciences, engineering, geography, mathematics, physics) and their interdependence. Discussion of scientific method through project-based activities, testing of hypotheses, systematic questioning and analysis. Basic concepts of the sciences, the role of science as a human endeavor and the power of scientific inquiry. Careers in sciences and educational planning.

Transfer Information: CSU Transferable, UC Transferable