

**CORE GENERAL EDUCATION AND SJSU STUDIES:**

**Course-Embedded Student Learning Objectives that Map to Overall Program Objectives**

<b>Overall General Education Program Objective</b>	Skills (A1,2,3)	Science & Math (B1,2,4)	Hum & Arts (C1,2,3)	Social Science (D1,2,3)	HUD (E)	Earth & Environment (R)	Self, Society, and Equality in the U.S. (S)	Culture, Civilization & Global Understanding (V)	Written Comm II (Z)
<b>1. A broad understanding of the sciences, social sciences, humanities, and the arts</b>	<p><b>A1</b> Identify &amp; assess socially significant and intellectual topics, then compose and deliver extemporaneous oral presentations on these topics.</p>	<p><b>B1, 2</b> Use the methods of science and knowledge derived from current scientific inquiry in life or physical science to question existing explanations; demonstrate ways in which science influences and is influenced by complex societies, including political and moral issues; and recognize methods of science, in which quantitative, analytical reasoning techniques are used.</p> <p><b>B4</b> Use mathematical methods to solve quantitative problems, including those presented in verbal form; use mathematics to solve real life problems; and arrive at conclusions based on numerical and graphical data..</p>	<p><b>C1</b> Recognize aesthetic qualities and processes that characterize works of the human intellect and imagination;</p> <p><b>C2</b> Recognize how significant works illuminate enduring human concerns.</p>	<p>Place contemporary developments in cultural, historical, environmental, and spatial contexts; identify the dynamics of ethnic, cultural, gender/sexual, age-based, class, regional, national, transnational, and global identities and the similarities, differences, linkages, and interactions between them; and evaluate social science information, draw on different points of view, and formulate applications appropriate to contemporary social issues.</p>	<p>Recognize the physiological, social/cultural, and psychological influences on their well-being; recognize the interrelation of the physiological, social/cultural, and psychological factors on their development across the lifespan.</p>	<p>Demonstrate an understanding of the methods and limits of scientific investigation; distinguish science from pseudo-science; and apply a scientific approach to answer questions about the earth and environment.</p>	<p>Understand the issues of diversity, equality, and structured inequality across U.S. cultures and institutions via perspectives from the social sciences, humanities and the arts.</p>	<p>Appreciate human expression in cultures outside the U.S. and understand how that expression has developed over time.</p>	