

UNDERGRADUATE LEARNING OUTCOMES

COMMUNICATION

Students will use a variety of modes, particularly written, oral, artistic, and visual, to

- effectively communicate analysis, knowledge, understanding, expression and/or conclusions
- skillfully use high-quality, credible, relevant sources
- demonstrate appropriate conventions in a variety of communication situations
- demonstrate the ability to communicate effectively with diverse audiences in a variety of contexts

CRITICAL THINKING, CREATIVE THINKING, AND PROBLEM SOLVING

Students will

- explain the nature of evidence used for analysis
- apply quantitative and qualitative methods to collect and analyze data
- apply creativity and divergent thinking
- evaluate the assumptions, evidence, and logic of competing views and explanations
- identify methods of inquiry, approaches to knowledge, and their assumptions and limitations in multiple disciplines
- evaluate, synthesize, and apply evidence to understand and address complex, real world problems
- generate creative, reasoned, approaches or solutions to unscripted, real world problems

TECHNOLOGY

Students will

- use technology to enhance understanding
- identify the social, aesthetic, and ethical implications of technological decisions
- analyze how technology evolves and shapes human experience
- apply technology to demonstrate creativity and solve problems
- demonstrate how technology augments our experiences and understandings

NATURAL AND PHYSICAL SCIENCES

Students will

- analyze components and dynamics of natural and physical worlds
- develop models to explain phenomena within the natural and physical worlds
- identify the role of scientific methods in the study of natural and physical worlds

HUMAN SOCIETIES

Students will

- identify the nature and impact of aesthetic and creative activities in human experience
- analyze the interplay of self and society, particularly how social structures shape human experiences and how humans shape social structures
- analyze the components and dynamics of human societies in their artistic, cultural, and historical contexts
- apply theories or research methods to understand human events, identities, artifacts, or social structures
- engage in a creative, aesthetic, or artistic activity

DIVERSITY AND GLOBAL PERSPECTIVES

Students will

- identify how values and contributions of diverse societies provide contexts for individual experiences, values, ideas, artistic expressions, and identities
- identify the role diversity plays in the ability of biological organisms to adapt to a changing environment
- analyze how diversity contributes to and shapes solutions to challenges confronting the global community
- evaluate how diverse systems (both natural and human-made), technologies, or innovations emerge from, interact with, and affect various communities
- collaborate with others in diverse interpersonal, intercultural, or international settings

PERSONAL AND SOCIAL RESPONSIBILITY

Students will

- examine their own values, biases, and conclusions
- analyze the ethical basis for and implications of personal, professional, and civic decisions
- comprehend and demonstrate appropriate and healthy standards of personal and professional behavior
- identify stewardship of the land and its people as integral to a land-grant university
- analyze how personal choices impact communities and the world
- engage in service learning

Revised and approved by Core Undergraduate Learning Experiences (CULE) team 04/30/13, 04/01/14, & 03/10/15

Approved by Faculty Senate 05/06/13, 04/14/14 & 04/13/15