

SBOE General Education Competencies by Disciplinary Area:

Humanistic & Artistic Ways of Knowing

(SBOE Policy III. N. GEM Standards Oct. 2018)

To meet the humanities requirement of the general education core, courses must cover 5 out of 7 following outcomes, criteria, and knowledge objectives below. By the end of each of these courses, student will be able to:

- (1) Recognize and describe humanistic, historical, or artistic works within problems and patterns of the human experience.
- (2) Distinguish, demonstrate competency, and apply terminologies, methodologies, processes, epistemologies, and traditions specific to the discipline(s).
- (3) Perceive and understand formal, conceptual, and technical elements specific to the discipline.
- (4) Analyze, evaluate, and interpret texts, objects, events, or ideas in their cultural, intellectual, linguistic, or historical contexts.
- (5) Interpret artistic and/or humanistic works through the creation of art or performance.
- (6) Develop critical perspectives or arguments about the subject matter, grounded in evidence-based analysis.
- (7) Demonstrate self-reflection, intellectual elasticity, widened perspective, and respect for diverse viewpoints.

Aligns with University Learning Outcomes:

- (1) Learn & Integrate
- (2) Think & Create
- (3) Communicate

Social & Behavioral Ways of Knowing

(SBOE Policy III. N. GEM Standards Oct. 2018)

To fulfill the social sciences requirement of the general education core, courses must require that students meet or exceed course expectations in four of the five objectives.

- (1) Demonstrate knowledge of the theoretical and conceptual frameworks of a particular Social Science discipline.
- (2) Develop an understanding of self and the world by examining the dynamic interaction of individuals, groups, and societies as they shape and are shaped by history, culture, institutions, and ideas.
- (3) Utilize Social Sciences approaches, such as research methods, inquiry, or problem-solving, to examine the variety of perspectives about human experiences.
- (4) Evaluate how reasoning, history, or culture informs and guides individual, civic, or global decisions.
- (5) Understand and interpret similarities and differences among and between individuals, cultures, or societies across space and time.

Aligns with University Learning Outcomes:

- (1) Learn & Integrate
- (2) Think & Create
- (3) Communicate

Scientific Ways of Knowing

(SBOE Policy III. N. GEM Standards Oct. 2018)

To meet the Natural, Physical & Applied Sciences requirement of the general education core, courses must cover all five objectives below.

- (1) Apply foundational knowledge and models of a natural or physical science to analyze and/or predict phenomena.
- (2) Understand the scientific method and apply scientific reasoning to critically evaluate assertions.
- (3) Interpret and communicate scientific information via written, spoken, and/or visual representations.
- (4) Describe the relevance of specific scientific principles to the human experience.
- (5) Form and test a hypothesis in the *laboratory, classroom, or field using discipline-specific tools and techniques for data collection and/or analysis.

Aligns with University Learning Outcomes:

- (1) Learn & Integrate

Mathematical Ways of Knowing

(SBOE Policy III. N. GEM Standards Oct. 2018)

To meet the mathematics requirement of the general education core, courses must cover the competency/knowledge objectives below.

- (1) Read, interpret, and communicate mathematical concepts.
- (2) Represent and interpret information/data.
- (3) Select, execute and explain appropriate strategies/procedures when solving mathematical problems.
- (4) Apply quantitative reasoning to draw appropriate conclusions and support them.

Aligns with University Learning Outcomes:

- (1) Learn & Integrate

Oral Communication

(SBOE Policy III. N. GEM Standards Oct. 2018)

To meet the oral communication requirement of the general education core, a student will be able to:

- (1) Research, discover, and develop information resources and structure spoken messages to increase knowledge and understanding.
- (2) Research, discover, and develop evidence-based reasoning and persuasive appeals for ethically influencing attitudes, values, beliefs, or behaviors.
- (3) Adapt spoken messages to the diverse personal, ideological, and emotional needs of individuals, groups, or contexts.
- (4) Employ effective spoken and nonverbal behaviors that support communication goals and illustrate self-efficacy.
- (5) Listen in order to effectively and critically evaluate the reasoning, evidence, and communication strategies of self and others.

- (6) Understand key theories, perspectives, principles, and concepts in the Communication discipline, as applied to oral communication.

Aligns with University Learning Outcomes:

- (1) Learn & Integrate
- (2) Communicate

Written Communication

(SBOE Policy III. N. GEM Standards Oct. 2018)

Upon completion of the Written Communication component of General Education, a student will be able to:

- (1) Use flexible writing process strategies to generate, develop, revise, edit, and proofread texts
- (2) Adopt strategies and genre that are appropriate to the rhetorical situation
- (3) Use inquiry-based strategies to conduct research that explores multiple and diverse ideas and perspectives, appropriate to the rhetorical context
- (4) Use rhetorically appropriate strategies to evaluate, represent, and respond to the ideas and research of others
- (5) Address readers' biases and assumptions with well-developed evidence-based reasoning
- (6) Use appropriate conventions for integrating, citing, and documenting source material as well as for surface-level language and style.
- (7) Read, interpret, and communicate key concepts in writing and rhetoric.

Aligns with University Learning Outcomes:

- (1) Learn & Integrate
- (2) Communicate

Institutionally Designated General Education (ISEM's / Diversity & International Courses)

Upon completion of the ISEM program or the Diversity or International components of general education a student will be exposed to at least two to three of these five university wide Program Learning Outcomes in each course:

- (1) Learn and integrate - Through independent learning and collaborative study, attain, use, and develop knowledge in the arts, humanities, sciences, and social sciences, with disciplinary specialization and the ability to integrate information across disciplines.
- (2) Think and create - Use multiple thinking strategies to examine real-world issues, explore creative avenues of expression, solve problems, and make consequential decisions.
- (3) Communicate - Acquire, articulate, create and convey intended meaning using verbal and non-verbal methods of communication that demonstrate respect and understanding in a complex society.
- (4) Clarify purpose and perspective - Explore one's life purpose and meaning through transformational experiences that foster an understanding of self, relationships, and diverse global perspectives.
- (5) Practice citizenship - Apply principles of ethical leadership, collaborative engagement, socially responsible behavior, respect for diversity in an interdependent world, and a service-oriented commitment to advance and sustain local and global communities.

Aligns with at least two of the University Learning Outcomes:

- (1) Learn & Integrate
- (2) Think & Create
- (3) Communicate
- (4) Clarify Purpose & Perspective
- (5) Practice Citizenship