

# CGCC Program-Level Sustainability Learning Outcomes

Award	Program Title	Program Competencies/ Learning Outcomes
AC	<a href="#">Sustainability</a>	<ol style="list-style-type: none"> <li>1. Explore the sustainable interaction between human and natural systems. (SUS110)</li> <li>2. Analyze the concept of sustainable development within local, regional, and global contexts. (SSH111)</li> </ol>
AC	<a href="#">Sustainability and Ecological Literacy</a>	<ol style="list-style-type: none"> <li>1. Apply ethical theories and moral principles to global environmental moral issues. (PHI216)</li> <li>2. Analyze pragmatic and intrinsic perspectives of ecology. (PHI216)</li> <li>3. Compose oral and written discourse that defends a position on global environmental issues. (PHI216, BIO105, GLG110)</li> <li>4. Use variety of analytical tools to critically analyze environmental quality and natural resource problems. (BIO105, ECN263, GLG110)</li> <li>5. Analyze various cultural perspectives on the environment. (ENH206, ENH260, HUM201, REC150AB, SBU200)</li> <li>6. Demonstrate cognitive and socio-emotional awareness of nature. (PHI216, BIO105, GLG110, GLG111)</li> </ol>
AA	<a href="#">Sustainability</a>	<ol style="list-style-type: none"> <li>1. Critique basic sustainability concepts, factual information, and practices. (ASB226, SSH111, SUS110, SUS232, [L], [SG], [SQ])</li> <li>2. Analyze how social, environmental, and economic systems relate and interact. (ASB226, CON101, CRE101, GPH210, SSH111, SUS110, SUS232, [C], [G], [L], [SB], [SG], [SQ], (COM))</li> <li>3. Evaluate the relationships between people and their natural and built environments. (AFR/ASB/CCS202, ASB211, ASB226, GPH210, SOC241, SSH111, SUS110, SUS232, [C], [G] [HU], [L], (COM))</li> <li>4. Recognize policy strategies and ethical considerations relevant in the field of sustainability. (ASB226, CHM107, CON101, ENV101, GLG110, GLG111, GPH113, GPH210, SSH111, SUS110, SUS232, [C], [G], [L], [SB], (COM))</li> <li>5. Examine the scope and complexity of social responsibility. (ASB226, CHM107, CON101, ENV101, GPH210, SSH111, SUS110, SUS232, [C], [FYC], [G], [L], [SB])</li> <li>6. Practice systems-thinking toward identifying a solution in a collaborative, interdisciplinary setting. (ASB100, AFR/ASB/CCS202, ASB211, ASB226, GPH210, POS120, SOC241, SSH111, SUS110, SUS232, [C], [G], [HU], [SG], [SQ])</li> <li>7. Effectively communicate ideas among diverse stakeholders to build consensus for sustainability initiatives. (ASB226, SSH111, SUS110, SUS231, SUS232, [C], [FYC], [G], [HU], [L], [SB], (COM))</li> <li>8. Analyze and interpret data for sustainability research application. (ASB226, SSH111, SUS110, SUS232, [CS], [FYC], [L], [MA], [SB], [SG], [SQ])</li> </ol>

AA	<a href="#">Geography</a>	<p>1. Evaluate spatial patterns and relationships within the framework of the scientific method. (GCU102, GIS205, GIS211, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, (COM))</p> <p><b>2. Examine the interdependent relationships between the physical and human/cultural environment (such as landforms, climate, resources, political and economic systems, sociology, sustainability).</b> (GCU102, GCU121, GCU122, GIS205, GIS211, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, MAT206, [FYC], [L], (COM))</p> <p>3. Critically assess and analyze real-world issues through application of geographic concepts, systems, principles, and theories. (GCU102, GCU121, GCU122, GIS205, GIS211, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, [FYC], [L], [MA])</p> <p>4. Communicate geographic analyses through verbal, written, and/or geospatial techniques. (GCU102, GCU121, GCU122, GIS205, GIS211, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, LANG, [FYC], [L], [MA], (COM))</p> <p>5. Recognize ethical considerations encompassing the professional activities of geographers. (GCU102, GCU121, GCU122, GIS205, GIS211, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, [FYC], [L], (COM))</p> <p>6. Collaborate with diverse individuals, groups, and institutions to achieve common goals in the field of geography. (GCU102, GIS205, GIS211, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, [FYC], (COM))</p>
AS	<a href="#">Geography – Meteorology</a>	<p>1. Recognize and explain the atmospheric processes that drive weather and climate patterns.</p> <p>2. Evaluate spatial patterns and relationships within the framework of the scientific method. (GCU102, GIS205, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, (COM))</p> <p><b>3. Examine the interdependent relationships between the physical and human/cultural environment (such as landforms, climate, resources, political and economic systems, sociology, sustainability).</b> (GCU102, GCU121, GCU122, GIS205, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, MAT206, [FYC], [L], [MA], (COM))</p> <p>4. Critically assess and analyze real-world issues through application of geographic concepts, systems, principles, and theories. (GCU102, GCU121, GCU122, GIS205, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, [CS], [FYC], [L], [MA], (COM))</p> <p>5. Communicate geographic analyses through verbal, written, and/or geospatial techniques. (GCU102, GCU121, GCU122, GIS205, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, LANG, [FYC], [CS], [L], [MA], (COM))</p> <p>6. Recognize ethical considerations encompassing the professional activities of geographers. (GCU102, GCU121, GCU122, GIS205, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, [FYC], (COM))</p> <p>7. Collaborate with diverse individuals, groups, and institutions to achieve common goals in the field of geography. (GCU102, GIS205, GPH111, GPH112, GPH113, GPH210, GPH211, GPH212, GPH213, GPH214, GPH215, LANG, (COM))</p>