### Human Values and Social Contexts, Population and Environment

#### Student Learning Outcomes

<table>
<thead>
<tr>
<th>Description</th>
<th>Core Competencies</th>
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<tbody>
<tr>
<td>Understanding Global Systems</td>
<td>Understand the influence of historical, cultural, religious, economic, educational, and political factors on environmental problems</td>
<td>Analyze major elements of global systems, including human and non-human factors, and the different roles of human organizations and actions on global systems</td>
<td>Identify the basic role of human and natural systems</td>
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<td>with Potential Solutions</td>
<td>Analyze the differential effects of human organizations and actions on global systems within the human and natural worlds.</td>
<td>Information is taken from sources with some interpretation/evaluation, but not enough to develop a coherent analysis or synthesis.</td>
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<td>Perspective Taking</td>
<td>Synthesize other perspectives (such as cultural, disciplinary, and ethical) often exploring subjects within natural and human systems.</td>
<td>Identifies and explores multiple perspectives (such as cultural, disciplinary, and ethical) when exploring subjects within natural and human systems.</td>
<td>Identifies multiple perspectives within a given context (such as cultural, disciplinary, and ethical).</td>
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<tr>
<td>Personal and Social Responsibility</td>
<td>Takes informed and responsible actions to address ethical, social, and environmental challenges in systems and includes their local and broader environmental consequences.</td>
<td>Analyzes the ethical, social, and environmental consequences of global systems and identifies a range of actions to address them by every user of personal and civic responsibility.</td>
<td>Identifies, takes all legal dimensions of some local or national decisions that have global impact.</td>
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#### Courses in the Population and Environment subcategory help students to understand that human values and social contexts influence population growth and environmental problems. This understanding can be fostered in different ways. Some courses may emphasize ethics, politics, and global systems, others may focus on scientific, social, and political dynamics, and others may focus on the cultural, ethical, and philosophical issues underlying complex environmental problems. Courses fulfilling this requirement should address at least one of the following:

1. **Recognize and understand the role of both local and global environmental changes in the quality of human life.**
   - Explore various ways of understanding the role of local and global environmental changes in the quality of human life.
   - Identify possible solutions to these changes, including the role of both local and global environmental changes in the quality of human life.
   - Understand the basic role of human and natural systems in the quality of human life.

2. **Describe the influence of diverse factors, such as philosophical, cultural, religious, educational, and political, on population growth and environmental quality.**
   - Identify the influence of diverse factors, such as philosophical, cultural, religious, educational, and political, on population growth and environmental quality.
   - Understand the basic role of human and natural systems in the quality of human life.
   - Identify possible solutions to these changes, including the role of both local and global environmental changes in the quality of human life.

3. **Understand the concepts and principles necessary to evaluate population growth, natural resource conservation, and environmental protection.**
   - Understand the concepts and principles necessary to evaluate population growth, natural resource conservation, and environmental protection.
   - Identify possible solutions to these changes, including the role of both local and global environmental changes in the quality of human life.
   - Understand the basic role of human and natural systems in the quality of human life.

4. **Takes informed and responsible action to address complex problems in the human and natural worlds.**
   - Takes informed and responsible action to address complex problems in the human and natural worlds.
   - Identifies multiple perspectives within a given context (such as cultural, disciplinary, and ethical).