

# NS 3050 - HUMAN ECOLOGY

Credits: 3

Human Ecology examines the relationship of humans to the environment, through an analysis of historical and theoretical understandings of the relationship between environment, biology and cultures, and through a review of ecological principles and terms. Topics include: disease, sustainability, famine, and pollution at the local and global levels. Upon successful completion of the course, students are able to knowledgeably discuss and write about the key theories in ecological anthropology, including the historical contexts in which they arose and environmental issues within the contexts of politics, economics, culture and the environment.

Prerequisites: none

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Understand human ecology and environmental studies	Evaluates human ecology and environmental studies	Explains human ecology and environmental studies	Recognizes human ecology and environmental studies	Does not understand human ecology and environmental studies	LA1, LA6	Critical Thinking
Understand ecosystems and what is meant by human agency in an ecosystem	Analyzes ecosystems and human agency in the ecosystems.	Compares and contrasts ecosystems and human agency in the ecosystems.	Defines an ecosystem and human agency in the ecosystem.	Does not understand ecosystems or what is meant by human agency in an ecosystem	LA1, LA6	Critical Thinking Communication Competence
Understand the terminology of environmental studies	Integrates terminology of environmental studies	Explains terminology of environmental studies	Recognizes terminology of environmental studies	Does not understand the terminology of environmental studies	LA1, LA6	Critical Thinking Communication Competence
Understand various cultural practices and beliefs about nature	Analyzes various cultural practices and beliefs about nature	Compares and contrasts various cultural practices and beliefs about nature	Recognizes various cultural practices and beliefs about nature	Does not understand various cultural practices and beliefs about nature	LA1, LA6	Critical Thinking Cultural Competence
Understand ecosystems at local and global levels and feedback loops	Evaluates local and global ecosystems and feedback loops	Compares and contrasts local and global ecosystems and feedback loops	Defines local and global ecosystems and feedback loops	Does not understand ecosystems at local and global levels and feedback loops	LA1, LA6	Critical Thinking
Understand Geologic Cycles, Population Biology, and Evolution Theories	Synthesizes Geologic Cycles, Population Biology, and Evolution Theories	Explains Geologic Cycles, Population Biology, and Evolution Theories	Defines Geologic Cycles, Population Biology, and Evolution Theories	Does not understand Geologic Cycles, Population Biology, and Evolution Theories	LA1, LA6	Critical Thinking
Understand sustainable and unsustainable human interactions in ecosystems dealing with specific human ecology topics	Analyzes sustainable and unsustainable human interactions in ecosystems dealing with specific human ecology topics	Explains sustainable and unsustainable human interactions in ecosystems dealing with specific human ecology topics	Lists sustainable and unsustainable human interactions in ecosystems dealing with specific human ecology topics	Does not understand sustainable and unsustainable human interactions in ecosystems dealing with specific human ecology topics	LA1, LA6, LA10	Critical Thinking Communication Competence