



Course Description

IDS1153 | Earth Literacy and Sustainability 1 | 3 Credits

This interdisciplinary course is designed to help students explore Earth Literacy and environmental sustainability. Students will learn principles of Earth Literacy and ecological sustainability, identify current issues in Earth ethics, and demonstrate an understanding of individual responsibility in contributing to a sustainable world through lectures, presentations, projects, guest presenters, and field experiences.

Competency 1:

The student will demonstrate an understanding of environmental issues and their impact on the Earth by:

1. Identifying environmental challenges and their causes.
2. Evaluating the impact of human activities on ecosystems.
3. Assessing the importance of biodiversity for ecosystem resilience.
4. Applying sustainable practices to reduce resource consumption.
5. Analyzing the social and economic benefits of sustainable development.

Learning Outcomes:

- Environmental Responsibility

Competency 2:

The student will apply sustainable practices to promote environmental conservation and preservation by:

1. Examining the role of renewable energy in mitigating climate change.
2. Assessing the environmental impact of waste management practices.
3. Evaluating the effectiveness of environmental policies and regulations.
4. Applying sustainable agriculture techniques to promote food security.
5. Analyzing the impact of deforestation on global carbon emissions.

Learning Outcomes:

- Environmental Responsibility

Competency 3:

The student will analyze and evaluate the interconnectedness of ecological systems and human activities by:

1. Investigating the role of environmental education in promoting sustainability.
2. Assessing the impact of pollution on air, water, and soil quality.
3. Evaluating the importance of conservation efforts for endangered species.
4. Applying sustainable transportation strategies to reduce carbon emissions.
5. Analyzing the social and cultural implications of sustainable lifestyles.

Learning Outcomes:

- Environmental Responsibility
- Global and Cultural Perspectives