



I. COURSE INFORMATION	
COURSE NAME	Green Economy
CLASS HOURS	
INSTRUCTOR	Lorena Muñoz del Campo
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II. OBJETIVES
<p>This course brings together participants from different countries and backgrounds, and provides opportunities for sharing experiences about sustainable development issues. It analyzes and discusses the main goals related to green economy, environmental education, and natural resource management. Participants will learn about different concepts and facets of these concepts, as well as challenges and opportunities to advance low-carbon, resource efficient, and socially inclusive development.</p> <p>The course aims to enable participants to:</p> <ul style="list-style-type: none">• Gain information and knowledge about concepts of ecology, sustainable development, global and regional environmental concerns.• To increase knowledge of current trends and international initiatives about green economy and education for sustainable development.• Understand the concept and implications of sustainable development and the main tools to support it. <p>Learning Outcomes (LO):</p> <ol style="list-style-type: none">1. Explain the main environmental concerns, and explain how the concept of sustainability applies at a local, national, and global level.2. Explain the concept and implications of sustainable development and the main strategies to reach it.3. Demonstrate an understanding of concepts related to the green economy.4. Describe the main trends and agreements in green economy in order to

- achieve the sustainable development.
- Identify and compare strategies to reduce or eliminate environmental impacts produced in her/his professional area.

III. COURSE METHODOLOGY

Intensive classroom, publications and reports will help you to understand the links between environment and development, as well as strategies for achieving the goals of conservation. Individual and group work will help the participants to share their opinion in a multidisciplinary context.

The course is for any undergraduate student or who feel the need to upgrade their knowledge in sustainable development and natural resource management to achieve a better understanding about the dependence of humankind with nature.

The medium of instruction is English. This course will be graded by application of local evaluation system from 1 to 7, with 7 as the better grade. Your recorded grades will be available for your review at any convenient time.

IV. GRADING PLAN

Coursework will be weighted as follows:

Item	Learning Outcomes evaluated	Date	Weight
Workgroup presentations	LO 1 & 2 - LO 3 & 4		20%
Essay			20%
Mid term 1	LO 1 & 2		20%
Attendance			10%
Exam	LO 3 to 5		30%

VI. TENTATIVE SCHEDULE

Learning Outcomes (LO)	Units
<ol style="list-style-type: none"> 1. Explain the main environmental concerns, and explain how the concept of sustainability applies at a local, national, and global level. 2. Explain the concept and implications of sustainable development and the main strategies to reach it. 3. Demonstrate an understanding of concepts related to the green economy. 4. Describe the main trends and agreements in green economy in order to achieve the sustainable development. 5. Identify and compare strategies to reduce or eliminate environmental impacts produced in her/his professional area. 	<ol style="list-style-type: none"> 1. Introduction to major global/regional environmental issues 2. Environmental challenges and sustainable development 3. Balancing Ecology and Economics 4. Greening my life

1. Basic Ecological concepts:
 - i. Natural Environment
 - ii. Biodiversity and Ecosystem services
 - iii. Introduction to Sustainable Development (SD)
2. Major environmental issues
 - i. Global Warming, Ozone depletion, Atmospheric pollution, Acid rain, Water pollution.
 - ii. What are the main environmental issues related to my career?
3. Key issues for SD:
 - i. Linking population, food, energy, and ecosystems
 - ii. Industrial Revolution, take off and economic development
 - iii. Economic growth of human kind v/s Ecological footprint
 - iv. How environment finance our activities?
4. Green Economy
 - i. What is a Green Economy?
 - ii. Green Economies: Developing Countries Success Stories
 - iii. Carbon capture and storage
 - iv. Renewable energies (solar, wind, biofuels, biomass)
 - v. Ecological footprint (carbon, water, pesticide)
 - vi. Environmental certifications (LEED, tourism, wood, organic food, ISO)
 - vii. Green Business as a Tool of Sustainable Development
 - viii. Promoting the corporate social responsibility and jobs opportunities

5. Environmental Education

- i. Education for sustainable development (ESD): barriers and challenges
- ii. 30 best initiatives for ESD- a case of study

REFERENCES

- FAO 2012. FAO STATISTICAL POCKETBOOK, World Food and Agriculture Food and Agriculture Organization of the United Nations, Rome,
- FAO. 2011. The state of the world's land and water resources for food and agriculture (SOLAW) – Managing systems at risk. Food and Agriculture Organization of the United Nations, Rome and Earthscan, London.
- Groot R., Matthew Wilson, Roelof Boumans. 2002. A typology for the classification, description and valuation of ecosystem functions, goods and services. *Ecological Economics* 41: 393–408.
- NEF. 2012. The Happy Planet Index: 2012 Report, A global index of sustainable well-being. New economics foundation, United Kingdom.
- Nikolopoulou A., Taisha Abraham, Farid Mirbagheri. 2009. Education for Sustainable Development: Challenges, Strategies and Practices in a Globalizing World. SAGE Publications India Pvt Ltd.
- Norberg, J. 1999. Linking Nature's services to ecosystems: some general ecological concepts. *Ecological Economics* 29: 183–202.
- GHK. 2008. Inventory of innovative practices in education for sustainable development. Final Report submitted by GHK in association with: Danish Technology Institute, Technopolis, Brussels.
- Khataybeh A., Subbarini M., Shurman S. 2010. Education for sustainable development, an international perspective. *Procedia Social and Behavioral Sciences* 5 (2010) 599–603.
- UNEP, 2011, Towards a Green Economy: Pathways to Sustainable Development and Poverty Eradication - A Synthesis for Policy Makers, www.unep.org/greeneconomy
- UNEP.2012. The UNEP Magazine for Youth. TUNZA Vol 9 No 4.
- UNESCO. 2009. Review of Contexts and Structures for Education for Sustainable Development. Division for the Coordination of United Nations Priorities in Education, France.
- Richard Heinberg and Daniel Lerch. The Post Carbon Reader: Managing the 21st Century's Sustainability Crises. Published by Watershed Media in collaboration with Post Carbon Institute. Distributed by Publishers Group West. Fall 2010. 544 pages.