



School of Social Sciences and Humanities (S3H)
National University of Sciences & Technology

Course Title: Topics in Sustainable Development

Course Code: ECO-775

Course Objectives:

The student will learn to

- account for major restrictions and options for the use of resources and Technologies from the standpoint of sustainable development.
- account for strategies international agreements and major policy instruments for a sustainable use of resources and ecosystem services account for on a basic level socially and economically related conflicts of but that may block implementation of sustainable development.
- account for relevant analytical Concepts and have capability do you use analyzing issues do you use these for analyzing issues related to sustainable development.
- account for basic ethical Theory and apply it to analyze arguments and decisions on issues of sustainability.
- account for different aspects of sustainable development and will learn to track them.
- Use tools for measurement of sustainable development for policy decision-making

Course Contents:

- What is sustainable sustainable development definitions and dilemmas.
- Economic Development and economic performance production and consumption.
- A short history of Economic Development and market failure: The Triple-P of economic growth. Are there limits to economic growth?
- Economic growth and quality of life why did some countries Advanced While others remain in poverty: International perspective.
- The MDGs and the end of extreme poverty.
- Geographic perspectives of sustainable development: the UN development goals.
- Tools systems and Innovations for sustainability.
- Green finance a source of sustainable development.
- Tools systems and Innovations for sustainability.
- Sustainable business practices: Corporate social responsibility corporate government and social products.
- Sustainable agriculture, sustainable food supply and the end of food insecurity.
- Sustainable Urban Development challenges and solutions.
- Case studies.
- Carbon climate change to affect growth environment and sustainability to achieve ecoefficiency.
- Sustainable problems and solution: policy contexts.
- Pakistan's current situation and role of government intervention.
- Project presentation: project will be based on finding successful case studies of Pakistan in context of sustainable development

Textbooks/Reference Material:

- Sachs, Jeffrey D (2015), The age of sustainable development Columbia University press, 2015.
- Medicine A. (2006). The world economy. OECD publishing.
- Cho u cri, Nazli. Ed. Global Accord environmental challenges and international responses Cambridge MA: MIT press 1995 ISBN 9780262531344.
- Stavia ns Robert N: Economics of environment selected readings 5th edition New York
- Tainter, Joseph the collapse of complex societies New York and why Cambridge University press 1988 ISBN: 9780521340922