

Course Code	Course Title	Credit Hours
ENS-808	Strategic Environmental Assessment	3 (3+0)

Course Description

This course aims at explaining theory, practice and methodology strategic environmental assessment. After completing this course, the students will be able to appreciate the relationship between SEA and environmental planning processes, obtain a practical understanding of SEA methods and approaches and develop an awareness of SEA effectiveness and performance requirements.

Course Outline

Environmental Assessment Introduction and concepts, methods and tools for Environmental Assessment; Strategic Environmental Assessment (SEA): Key concepts. SEA legislation and process, regulatory and planning framework of SEA and Implementation, SEA Tools and Techniques

SEA case studies: examples from a wide spectrum of sectors; SEA case studies for Water and SEA case studies for Waste, Future directions: Cumulative impact assessment, Sustainability assessment.

Recommended Books

1. Sheate et al. (2004). *Implementing the SEA Directive. Sectoral Challenges and Opportunities for the UK and EU*, European Environment, Vol 14 (2), 73-93
2. Freedman, B. (1995). *Environmental Ecology: Ecological Effects of Pollution Disturbance and Other Stresses*, 2nd Edition. Elsevier, ISBN 0122665422
3. Therivel et al. (1992). *Strategic Environmental Assessment*. Earthscan, London.