Module Code : AD-2302
Module Title : Sustainable Resource Management
Programme : Bachelor of Arts
Type of Module : Option/ Breadth
Modular Credits : 4
Student Workload: Contact Hours: 8 – 10 hours per week 2 hours per week
Prerequisite : Geographical/ biological/ ecological experience at Level 1000
Anti-requisite : None

Aims:
The major aim is to examine the issues concerned with the sustainable management of both renewable and non-renewable resources. The module promotes a systems approach to resource management, viewing all the various elements, e.g. biological, social and economic, as an integrated system. It also aims to highlight particular resources, e.g. flora, fauna, landscapes, soil, water and air, and to analyse them as parts of complex, interacting cycles. The module then considers how societies can participate effectively within these cycles and thus create a sustainable relationship between the environment and human activities.

Module Content:
The emphasis areas are:

  o Physical and Earth Resources: leading to an understanding of the physical, biological and chemical aspects of ecosystems. Topics include hydrology, water management and quality, waste management, soil properties, energy resources and land-use.

  o Biotic Resources: dealing with basic scientific principles that govern the interrelationship between biotic and abiotic factors. Topics of study include grassland ecosystems, wetland ecosystems, land reclamation, agroforestry, wildlife management, sustainable agriculture and soil biology.

  o Social science and management aspect emphasis area that prepares students for management, administrative, regulatory and policy positions that require a broad understanding of the social, biological and physical aspects of sustainable resources management and allocation.

Assessment:
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<th>Examination</th>
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<td>2 hours</td>
<td>Essay</td>
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<td>Presentation</td>
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Textbook(s)/References: