Module Code: AV-4309
Module Title: Climate Change: Impacts, Mitigation and Adaptation
Programme: Bachelor of Arts
Type of Module: Major Option/Breadth

Modular Credits: 4
Total Student Workload: 10 hours per week
  Contact Hours: 3 hours per week

Prerequisite: None
Anti-requisite: None

Aims:
This module is designed to develop a greater understanding of how climate change will impact on human society, either directly or indirectly through impacts on the surrounding environment. It also will explain how society can react to climate change, either through mitigating actions to reduce the anthropogenic activities that contribute towards a warmer global climate, or through adaptation to the effects, both current and future, of the changing climate.

The module will allow students to examine these impacts and likely future scenarios over a range of different environments to encourage students to recognise not only how climate change will have different effects across the globe, but also that the responses must also differ according to the local conditions and circumstances.

Module Content:
- Assessment of observed effects of climate change
- Water resources and their management
- Ecosystems: properties, goods and services
- Human health
- Low-lying areas
- Alpine and polar environments
- Desertification

Assessment:

<table>
<thead>
<tr>
<th>Examination</th>
<th>Coursework</th>
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<tbody>
<tr>
<td>50%</td>
<td>50%</td>
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<tr>
<td>Examination:</td>
<td>Essay (15%)</td>
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<td>Presentation (15%)</td>
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<td>Written Report (20%)</td>
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Lower order: 3; Middle order: 4; Higher order: 3