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| Module code | AW-4315 | | |
| Module Title | Climate Change: Impacts, Mitigation and Adaptation | | |
| Degree/Diploma | Bachelor of Arts (Geography, Environment and Development Studies) | | |
| Type of Module | Major Option/Breath | | |
| Modular Credits | 4 | Total student workload | 10 hours/week |
| | | Contact hours | 4 hours/week |
| Prerequisite | None | | |
| Anti-requisite | None | | |
| Aims | | | |
| To understand how climate change will impact human society, either directly or indirectly through impacts on the surrounding environment. | | | |
| Learning Outcomes: | | | |
| <i>On successful completion of this module, a student will be expected to be able to:</i> | | | |
| Lower order : | 30% | <ul style="list-style-type: none"> - Understand global warming and observed changes in climate - Understand the future projected changes | |
| Middle order : | 40% | <ul style="list-style-type: none"> - Investigate the effect of climate change on different aspects of environment - Investigate how society can mitigate the effects of climate change - Analyse adaptation mechanism for climate change | |
| Higher order: | 30% | <ul style="list-style-type: none"> - Interpret the analysis of adaptation mechanisms - Recommend feasible steps to mitigate& adapt global warming - Work independently or in a group towards policy to mitigate effects on certain sectors | |
| Module Contents | | | |
| <ul style="list-style-type: none"> - Assessment of observed effects of climate change; - Climate change projections under different scenarios; - Freshwater resources and their management; - Human health, security, livelihoods - Terrestrial and inland water systems - Food production systems and food security - Coastal systems and low lying areas - Adaptation steps - Mitigations steps and methods | | | |
| Assessment | Formative assessment | Weekly tests and discussions | |
| | Summative assessment | Examination: 50% | |
| | | Coursework: 50% - 2 tests (30%) - 2 project reports (20%) | |