Introduction

There are 6 course units of the subject of Geography which have 5 credits each for the Degree of Bachelor of Arts (general). It is expected to complete all these course units within 3 years. The students who have passed at the G.C.E. ( A /L ) can apply for this course.

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
<th>Credit Value</th>
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<td>1</td>
<td>GEOG E1015</td>
<td>Principles of Physical Geography</td>
<td>C</td>
<td>5</td>
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<td></td>
<td>GEOG E1025</td>
<td>Introduction to Human Geography</td>
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<td>GEOG E2015</td>
<td>Concepts of Physical Geography</td>
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<td>GEOG E2025</td>
<td>Cartography</td>
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<td>GEOG E3015</td>
<td>Regional Geography of South Asia</td>
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<td>Geography of Sri Lanka</td>
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Course Code : GEOG E 1015
Type/Status : Core
Title : Principles of Physical Geography

Learning Outcomes: After completion this course unit, students will understand and be able to describe the physical characteristics of geo systems and their basic processes.

Course Content: Scope of Physical Geography, concepts of systems, Introduction to Geo-systems: Lithosphere, Atmosphere, Hydrosphere and Biosphere, forces that regulate the geo-systems (energy and matter)

Lithosphere
- Introduction to solar system and Planet Earth
- Earth Interior
- Rock and minerals
- Soil and formation of soil
Atmosphere
- Composition and Structure of the atmosphere
- Physical Behavior of the Atmosphere
- Solar energy, Electromagnetic spectrum and atmospheric heat balance
- Atmospheric pressure, Wind and Circulation
- Condensation & Precipitation
- Relative and absolute humidity
- Clouds formation

Hydrosphere
- Hydrological cycle
- Earth water budget
- Oceans water and its characteristics
- Oceanic waves, currents and tides

Biosphere
- Components of Biosphere, Ecosystem
- Flora and Fauna: Energy and matter floor of Biosphere
- Plant communities and plant succession
- Global and Regional types of biomes

Method of Teaching and Learning: This course utilizes a variety of teaching modes including Course Modules, Seminars, LMS (PowerPoint Presentation, Video Seminars) Internet search and Self Learning.

Assessment: Year-end Examination

Recommended Reading:


