

Center for Distance and Continuing Education
University of Kelaniya - Department of Geography
Bachelor of Arts (General) Degree Examination (External)
Syllabi of Course Units – 2016
GEOGRAPHY

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.

Year	Course Code	Course Title	Type	Credit Value
1	GEOG E1015	Principles of Physical Geography	C	5
	GEOG E1025	Introduction to Human Geography	C	5
2	GEOG E2015	Concepts of Physical Geography	C	5
	GEOG E2025	Cartography	C	5
3	GEOG E3015	Regional Geography of South Asia	C	5
	GEOG E3025	Geography of Sri Lanka	C	5

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:

අමරසිරි කේ. එන්. ටී. (1981), *භෞතික භූගෝල විද්‍යාව*, ප්‍රසන්න ප්‍රකාශකයෝ, ගාල්ල.

සකලසූරිය එන්. (2011), *භෞතික භූගෝල විද්‍යා සංකල්ප*, පළමුවන කොටස, තිළිණ ප්‍රකාශකයෝ කිරිඳිවත්තොඩ.

මොන්ක්හවුස් එෆ්. ජේ. (1954), *භෞතික භූගෝල විද්‍යාවේ මූලධර්ම*, රාජ්‍ය භාෂා දෙපාර්තමේන්තුවේ පරිවර්තනයකි.

ෆින්ච් හා ට්‍රේවෝනා, (1965), *මූලික භූගෝල විද්‍යාව*, රාජ්‍ය භාෂා දෙපාර්තමේන්තුවේ පරිවර්තනයකි.

Jeong-Ju Lee & Amarasinghe A.G. (2003) *Fundamentals of Climatology*, Godage international Publishers (Pvt)Ltd., No.675, Maradana Road, Colombo 10.

Holmes A. (1944), *Principles of Physical Geography*, London.

Hussain, Majid. (2007). **Fundamentals of Physical Geography** (Third Edition). Rawat Publication, Jaipur.

Gupta, A. D. & Kapoor. A. N. (1999). **Principles of Physical Geography**, S. Chand & Company Ltd., Ram Nagar, New Delhi.

Strahler Alan & Strahler Arthur (2002). **Physical Geography: Science and systems of the human environment** (Second Edition). John Wiley and Sons (Asia) Pte. Ltd.