



AMITY UNIVERSITY

— UTTAR PRADESH —

FORMAT FOR COURSE CURRICULUM

Course Title: Physical Geography

Credit Units: 3

Course Code: GEOGR111

L	T	P/S	SW/FW	TOTAL CREDIT UNITS
3	0	0	0	3

Course Objectives:

The objective of the course is to describe the processes and geologic structures that control the shape of the land surface. Classic models of landform evolution are assessed along with modern views of landform development.

Pre-requisites: Student should have 10 + 2 with Arts/Science.

Student Learning Outcomes: On successful completion of this course, students will be able to:

- Analyze various geomorphological phenomena by evaluating cause and effect relationship
- acquire the analytical skills to understand and evaluate of physical landscapes, leading to a better understanding of global environmental challenges

Course Contents/Syllabus:

Course Contents / Syllabus:	Weightage (%)
Module I	25
Descriptors/Topics	

<ul style="list-style-type: none"> Meaning and scope of Physical Geography, Theory of the origin of the earth: Kant, Laplace, Jeans and Jeffreys. 	
Module II	25
Descriptors/Topics <ul style="list-style-type: none"> Geological History of Earth: Interior of the earth, Earth movement, Endogenetic forces: earthquake, vulcanicity and Tsunami, Exogenetic forces, agents of weathering and erosion, mass movement, Land forms associated with water, winds, glacier and coastal landforms. 	
Module III	25
Descriptors/Topics <ul style="list-style-type: none"> Atmosphere: structure and composition. Insolation and Temperature, Earth's Heat Budget, Pressure belts, Winds including local and Monsoon, Humidity, Precipitation. 	
Module IV	25
<ul style="list-style-type: none"> Oceanography: Oceanic relief, Chemical composition of ocean water, Ocean currents, Tides and waves. Marine ecosystem. Biography: Introduction to ecosystem. World's ecosystem and detailed study of the Equatorial, Savana and Desert Biomes, Biotic succession, Tribal ecosystem. 	

Student Learning Outcomes:

Pedagogy for Course Delivery:					
The course is designed to be taught through the lecture and practical mode. However, during tutorial sessions group discussions and seminar presentations on various themes related to the course may be organized. Class room interaction will definitely have to be an integral part of the learning experience.					
Assessment / Examination Scheme:					
Theory L/T (%)	Lab/Practical/Studio (%)			End Term Examination	
40%	NA			60%	
Theory Assessment (L&T):					
Continuous Assessment/Internal Assessment					End Term Examination
Components (Drop down)	Class Test	Home Assignment	Presentation	Attendance	EE
Weightage (%)	20	0	15	05	60
Lab/ Practical/ Studio Assessment: Not Any					

	Continuous Assessment/Internal Assessment			End Term Examination			
Components (Drop down)	Class Test (Practical Based)	Attendance	Mid Term Viva	Major Lab Exercises	Minor	Practical Record	Viva
Weightage (%)	NA	NA	NA	NA	NA	NA	NA

Text & References:

1. Sharma H.S. Perspective in Geomorphology, Concept, New Delhi 1980.
2. Singh Savinder, Geomorphology, Prayag Publication, Allahabad 1998.
3. Singh Savinder, Physical Geography Prayag Publication, Allahabad, 1998.
4. Sparks B.W. Geomorphology, Longman, London, 1960.
5. Thornbury W.D. 1969 Principles of Geomorphology, New York, John Wiley & Sons.
6. F.J. Monkhouse and H.R. Wilkinson (1972) Maps and Diagrams, Mothuen and Co. Ltd., London.
7. L.R. Singh and Raghuvander Singh (1973), Map Work and Practical Geography, Central Book Depot, Allahabad.
8. R.I. Singh and P.K. Dutt (1968), Elements of Practical Geography, Students Friends, Allahabad
9. Singh Gopal (2004) 4th edition, Map Work and Practical Geography, Vikas Publication House, New Delhi