



National Education Policy-2020
Common Minimum Syllabus for all U.P. State Universities/ Colleges
SUBJECT: GEOGRAPHY

Name	Designation	Affiliation
Steering Committee		
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Supervisory Committee - Arts and Humanities Stream		
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Syllabus Developed by:

S. N.	Name	Designation	Department	College/ University
1	Dr. Muraree Lal Meena	Associate Professor	Geography	Institute of Science, Banaras Hindu University, Varanasi (U.P.)-221005
2	Lt. (Dr.) Meenakshi Lohani	Assistant Professor	Geography	Km. Mayawati Government Girls P.G. College, Badalpur, Gautam Buddha Nagar, U.P.
3	Dr. Kashif Imdad	Assistant Professor	Geography	PPN PG College, Kanpur-208001

B.A. in Geography

PROGRAMME SPECIFIC OUTCOMES (PSOs)-

Program Outcome (After 3 Years of Study)

- a) This course provides the basic ideas and concepts of Physical & Human aspect of Geography.
- b) This course intends to orient the learner with the Approaches to the broader discipline of Geography.
- c) It will help in developing analytical and critical thinking based on the themes and issues of geography.
- d) It eventually prepares the students to understand the development of the subject and delve around issues suited to the needs of the contemporary world.
- e) It will help in exhaustive understanding of the basic concepts of Geography and an awareness of the emerging areas of the field.
- f) Acquisition of in-depth understanding of the applied aspects of Geography as well as interdisciplinary subjects in everyday life.
- g) Improvement of critical thinking and skills facilitating.
- h) The application of knowledge gained in the field of Geography in the classroom to the practical solving of societal problems.
- i) The programme orients students with tradition geographical knowledge along with advance comtempary skills like remote sensing and GIS.

**BA 1st Year, Sem. I ,
Course I
(Theory)**

Programme/Class: Certificate/ BA	Year: First	Semester: First
Subject: Geography		
Course Code: A110101T	Course Title: Physical Geography	
<p>Course outcomes: Students will be able to understand</p> <ul style="list-style-type: none"> • The Earth geomorphic transition from beginning to present day. • Plate tectonics and related movements • Landforms carved by various agents of erosion • Earth's climate and that factors that influence it • Oceans system and biogeography of the world. 		
Credits: 4		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 40
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
I	Nature and Scope of Physical Geography, Origin of Universe, solar system and Earth. Geological Time Scale (with special reference to evidences from India), Interior of the Earth.	8
II	Origin of Continents and Oceans, Isostasy, Earthquakes and Volcanoes, Geosynclines, Continental Drift theory, Concept of Plate Tectonics.	8
III	Rocks, Folding, Faulting, Weathering, Erosion, Cycle of Erosion by Davis and Penck, Drainage Pattern.	8
IV	Fluvial, Karst, Aeolian, Glacial, and Coastal Landforms	8
V	Composition and Structure of atmosphere: Insolation, Atmospheric pressure and winds.	8
VI	Airmasses and Fronts, cyclones and anti-cyclones, Humidity, precipitation and rainfall types.	7
VII	Ocean Bottoms, composition of marine water-temperature and salinity. Circulation of Ocean water-Waves, Currents and Tides, Ocean deposits, Corals and atolls.	7

VIII	Biosphere, Biotic succession, Biome, Zoo-geographical regions of the world.	6
<p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. Singh, Savindra (2018), Physical Geography (Eng./Hindi) Allahabad, India: Prayag Pustak 2. Huggett, R.J. (2007): <i>Fundamentals of Geomorphology</i>. New York, U.S.A.: Routledge. 3. Khullar, D.R. (2012). <i>Physical Geography</i>. New Delhi, India: Kalyani Publishers. 4. Strahler, A. H. and Strahler, A N. (2001): <i>Modern Physical Geography (4/E)</i>. New York, U.S.A.: John Wiley and Sons, Inc. 5. Thornbury, W. D. (2004): <i>Principal of Geomorphology</i>. New York, U.S.A.: Wiley. 6. Bloom, A. L. (2003). <i>Geomorphology: A Systematic Analysis of Late Cenozoic Landforms</i>, New Delhi, India: Prentice-Hall of India 		
<p>This course can be opted as an elective by the students of following subjects: Open for all</p>		
<p>Suggested Continuous Evaluation Methods: Assignment / Test / Quiz (MCQ) / Seminar/ Presentations</p>		
<p>Suggested equivalent online courses: https://onlinecourses.swayam2.ac.in/cec21_hs03/preview https://onlinecourses.swayam2.ac.in/nos20_sc25/preview</p>		

BA 1st Year, Sem. I
Course II
(Practical)

Program/Class: Certificate/BA	Year: First	Semester: First
Subject: Geography		
Course Code: A110102P	Course Title: Elements of Map and Surveying	
Course Learning Outcomes On completion of this course, learners will be able to: <ul style="list-style-type: none"> • Understand the basic idea of Map, Scale and Topographic sheets 		
Credits: 2		Core Compulsory
Max. Marks: -25+75		Min. Passing Marks:40
Total No. of Lectures-Tutorials-Practical (in hours per week): P-2/w		
Unit	Topics	No. of Lectures
I	Cartography: Nature and Scope. Scales—Concept and application; Graphical Construction of Plain, Comparative, Diagonal Scales and Vernier scale.	7
II	Map Projections Classification, Properties and Uses; Graphical Construction of Polar Zenithal, Stereographic, Bonne's and Mercator's Projections, and reference to Universal Transverse Mercator (UTM) Projection.	7
III	Topographical Map: Coverage, Scale and Topo Symbol, Interpretation Survey of India Toposheets. Representation of landforms by Contours. Slope Analysis – Wentworth's method.	8
IV	Basics of Surveying: Surveying: meaning, classification, merits and demerits. Plane Table Surveying.	8
Suggested Readings: <ol style="list-style-type: none"> 1. Monkhouse, F. J. and Wilkinson, F.J. (1985): Maps and Diagrams. Methuen, London 2. Raisz, E. (1962): General Cartography. John Wiley and Sons, New York. 5th edition. 3. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata. 4. Sharma, J. P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd. edition. 5. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,. 6. Singh, L.R. (2006): Fundamentals of Practical Geography, Sharda Pustak Bhawan, Allahabad. 		
This course can be opted as an elective by the students of following subjects: Open for all		