

As per the NEP 2020  
**Minor Course (Arts)**  
(Effective from Academic Year 2024-2025 onwards)



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Dy. Registrar  
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Shekhawati University,  
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**Arts**  
**Minor Subject Syllabus**  
**(CBCS) As per the NEP 2020 (Semester I to IV)**  
**w.e.f. the Academic Session 2024-25**  
**Discipline: Geography**

Semester	Course title	Credits	Course Code	Credit distribution of the course			Eligibility criteria
				Lecture	Tutorial	Practical/ Practice	
I	An Introduction to Planet Earth	2	24BGS5101M	2	0	0	10+2 from any recognized Board
II	Weather Phenomena and Their Measurement	2	24BGS5201M	2	0	0	
III	Development of Geography	4	24BGS6301M	4	0	0	
IV	General Climatic Characteristics	4	24BGS6401M	4	0	0	

Course Title:	An Introduction to Planet Earth	Course Code: 24BGS5101M
<b>Total Lecture hour 26</b>		<b>Hours</b>
<b>Unit I</b>	Introduction: Solar system, planet characteristics and their motion; Shape, size and motion of Earth and Moon.	7
<b>Unit II</b>	Latitudes and Longitudes: Equator, Prime Meridian and International Date Line; Local time and time zones; Earth's inclination.	7
<b>Unit III</b>	Theories of Origin of Earth: L. Green, J. Jeans, Nebular hypothesis, Big-bang Theory; Evolution of Earth; Geological history of the Earth.	6
<b>Unit IV</b>	Relative position of Earth, Sun and Moon; Solar and Lunar Eclipse; Earth's rotation: Day and Night; Earth's revolution: Seasons	6
<b>Reference Books:</b>		
1	Leong G. C. (2023): Certificate Physical and Human Geography (2 nd Edition), Oxford University Press India.	
2	Bunnett R. B. and Parihar S. M. (2019): PHYSICAL GEOGRAPHY IN DIAGRAMS, Pearson Publication, New Delhi.	
3	खुल्लर डी. आर.(2022): भौतिक भूगोल, कल्याणी प्रकाशन, नई दिल्ली।	
4	सिंह सविन्द्र (2018): भौतिक भूगोल का स्वरूप, प्रवालिका प्रकाशन, इलाहाबाद।	

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Course Title:	Weather Phenomena and Their Measurement	Course Code: 24BGS5201M
<b>Total Lecture hour 26</b>		<b>Hours</b>
Unit I	Definition of weather and weather observing variables; Importance and main learning objectives of weather laboratory.	6
Unit II	Stevenson screen; Maximum and minimum thermometer, Range of temperature, Dry and weight-bulb thermometer; Relative humidity.	7
Unit III	Types and use of Rain Gauge, Barometer, Anemometer, Wind vane and Hygrometer.	8
Unit IV	Indian Meteorological Department (IMD): History and Functions, Weather maps, Weather forecast.	5
<b>Reference Books:</b>		
1	Leong G. C. (2023): Certificate Physical and Human Geography (2 nd Edition), Oxford University Press India.	
2	Bunnett R. B. and Parihar S. M. (2019): PHYSICAL GEOGRAPHY IN DIAGRAMS, Pearson Publication, New Delhi.	
3	शर्मा. जे. पी.(2023): प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन मेरठ।	
4	खुल्लर, डी. आर.(2022): प्रयोगात्मक भूगोल, कल्याणी प्रकाशन, नई दिल्ली।	

Course Title:	Development of Geography	Course Code: 24BGS6301M
<b>Total Lecture hour 52</b>		<b>Hours</b>
Unit I	Definition and nature of geography, Evolution of geography as a subject, Geography as a scientific discipline, Geography and its relation with other disciplines of science and social sciences.	14
Unit II	Contribution of various schools in development of geography: Greek, Roman, Arabic, German, French, British and American schools.	15
Unit III	Approaches in geography: Systematic and regional approach; Dualism in geography; Physical vs Human and regional vs systematic	11
Unit IV	Man-environment relationship, Paradigms: Environmental Determinism, Possibilism, Cultural Determinism and Neo-determinism.	12
<b>Reference Books:</b>		
1	हुसैन माजिद(2006): भौगोलिक चिंतन का इतिहास, रावत प्रकाशन, जयपुर ।	
2	अग्रवाल एल. सी.: भौगोलिक विचार धाराएं, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर ।	
3	Husain, Majid(2014): Evolution of Geographical Thought, Rawat Publications, Jaipur	
4	Kausik S. D. and Rawat D. S. (2017): GEOGRAPHICAL THOUGHT and METHODOLOGY, Rastogi Publication, Merrut.	

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Course Title:	General Climatic Characteristics	Course Code: 24BGS6401M
<b>Total Lecture hour 52</b>		<b>Hours</b>
<b>Unit I</b>	Climate and weather, Climatic indicators: Types and distribution of temperature, pressure and humidity; Cloud formation and types of clouds; Types of precipitation.	14
<b>Unit II</b>	General Characteristics: Equatorial climate, Savannah climate, Tropical climate, Monsoon climate, Desert climate.	14
<b>Unit III</b>	General Characteristics: Mediterranean climate, Steppe climate, British and China climate, Taiga climate and Tundra climate.	12
<b>Unit IV</b>	Global warming, Ozone depletion, Climate change; Climatic Hazards: Drought, Heat-waves, Cloud burst, Tropical and temperate cyclones.	12
<b>Reference Books:</b>		
1	सिंह सविद्र (2016): जलवायु विज्ञान, प्रवालिका प्रकाशन, इलाहाबाद ।	
2	लाल डी. एस. (2022): जलवायु विज्ञान, शारदा पुस्तक भवन, प्रयागराज ।	
3	Leong G. C. (2023): Certificate Physical and Human Geography (2 nd Edition), Oxford University Press India.	
4	Bunnett R. B. and Parihar S. M. (2019): PHYSICAL GEOGRAPHY IN DIAGRAMS, Pearson Publication, New Delhi.	

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