

Vidyasagar University

Curriculum for B.Sc (General) in Geography [Choice Based Credit System]

Semester-I

| Course | Course Code | Name of the Subjects | Course Type/ Nature | Teaching Scheme in hour per week | | | Credit | Marks |
|-----------------------|-------------|------------------------------|------------------------|----------------------------------|---|---|-----------|------------|
| | | | | L | T | P | | |
| CC1 [DSC-1A] | | C1T: Physical Geography | Core Course-1 | 5 | 1 | 0 | 6 | 75 |
| CC2 [DSC-2A] | TBD | DSC-2A (Other Discipline) | Core Course-2 | | | | 6 | 75 |
| CC3 [DSC-3A] | TBD | DSC-3A (Other Discipline) | Core Course-3 | | | | 6 | 75 |
| AECC | | English | AECC (Elective) | 1 | 1 | 0 | 2 | 50 |
| Semester Total | | | | | | | 20 | 275 |

L=Lecture, **T**=Tutorial, **P**=Practical, **CC** = Core Course, **TBD** = To be decided, **AECC**= Ability Enhancement Compulsory Course

DSC-1 = Discipline Specific Core of Subject-1, **DSC-2** = Discipline Specific Core of Subject-2, **DSC-3** = Discipline Specific Core of Subject-3.

Semester-I
Core Course (CC)

CC-1 : Physical Geography

Credits 06

C1T : Physical Geography

1. Physical Geography – Definition and Scope, Components of Earth System.
2. Atmosphere – Heat Balance, Global Circulation Pattern, Tropical Cyclones, Monsoon, Climatic Classification (Koppen).
3. Lithosphere – Internal Structure of Earth based on Seismic Evidence, Plate Tectonics and its Associated Features.
4. Fluvial Cycle of Erosion – Davis and Penck.
5. Hydrosphere – Hydrological Cycle, Ocean Bottom Relief Features, Tides and Currents.

Suggested Readings:

1. Conserva H. T., 2004: Illustrated Dictionary of Physical Geography, Author House, USA.
2. Gabler R. E., Petersen J. F. and Trapasso, L. M., 2007: Essentials of Physical Geography (8th Edition), Thompson, Brooks/Cole, USA.
3. Garrett N., 2000: Advanced Geography, Oxford University Press.
4. Goudie, A., 1984: The Nature of the Environment: An Advanced Physical Geography, Basil Blackwell Publishers, Oxford.
5. Hamblin, W. K., 1995: Earth's Dynamic System, Prentice Hall, N.J.
6. Husain M., 2002: Fundamentals of Physical Geography, Rawat Publications, Jaipur.
7. Monkhouse, F. J. 2009: Principles of Physical Geography, Platinum Publishers, Kolkata.
8. Strahler A. N. and Strahler A. H., 2008: Modern Physical Geography, John Wiley & Sons, New York.