

# Vidyasagar University

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

### Semester-I

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

**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**

**CIT : 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.