THE OHIO STATE UNIVERSITY

GEOG 5201

GeoVisualization (24473) Autumn 2026

Syllabus - Instructor Information

Chayanika Singh, GISP

Professional Qualifications

- PhD, Geographic information Sciences, Texas State University, USA
- Graduate Certificate in Geographic Information Systems, University of Wisconsin - Milwaukee, USA
- Masters in Urban Planning, School of Planning & Architecture, New Delhi, India
- Bachelors in Architecture, School of Planning & Architecture, New Delhi, India

Syllabus - Required or Recommended Readings

Textbook:

Slocum, T. A. Thematic Cartography and Geovisualization, 4th edition.; Pearson Prentice Hall: Upper Saddle River, NJ.

- The digital version of textbook will be available on CarmenBooks.
- Here is the textbook OSU Library Link

Topic wise assigned readings: will be available on Carmen Canvas for each of 5 theme topics.

Syllabus - Course Schedule

Module	Topic
1 (week 1,2)	Course overview and Cartography Basics
2 (week 3,4)	Multivariate Mapping
3 (week 5,6)	Uncertainty Mapping
4 (week 7,8,9)	3-dimensional Mapping
5 (week 10,11)	Animation Mapping
6 (week 12,13)	Web Mapping
8 (week 14,15,16)	Project Work

Syllabus - University Policies

Office of Undergraduate Education - Standard Syllabus Statements

- Academic Misconduct
- Religious Accommodations
- Accommodations for Disability and Illness
- Intellectual Diversity
- Grievances and Solving Problems
- Creating an Environment Free from Harassment, Discrimination, and Sexual Misconduct
- Copyrights
- Content Warnings
- Mental Health Support
- Resources for Military-Connected Students
- Campus-wide Class Cancellations