

To learn more
about GIS at
Buffalo State,
please visit the
Geography &
Planning
Department
website or the
GIS Tech Hub
website

gistechhub.buffalostate.edu

SUNY Buffalo State
Geography & Planning Department
1300 Elmwood Avenue
Buffalo, NY 14222

Phone: 716-878-6216

Fax: 716-878-4009

E-mail: barryla@buffalostate.edu

Instructor Contact Info:

Tao Tang
tangt@buffalostate.edu

Wende Mix
mixwa@buffalostate.edu

Mary Perrelli
perrelmf@buffalostate.edu

We're on the web!
geography.buffalostate.edu

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BUFFALO STATE
The State University of New York

GEG 325 MAPS AND MAPMAKING USING GIS

3 credits

Prerequisites: None

Maps as essential form of communication. Geographic information systems (GIS) tools for creating digital and hardcopy maps. Spatial thinking, concepts, principals and methods of mapmaking; map development and display using technology.

Tuesday and Thursday, 9:25 AM-10:40 AM

Instructor: Mary Perrelli

GEG 418/518 REMOTE SENSING

3 credits

Prerequisites: GEG/PLN 325; or instructor permission.

Concepts of remote sensing and its applications. Principles and methods of electromagnetic radiation, aerial and space remote sensing. Basics of digital image processing, spatial data capture and interpretations from remote sensors.

Tuesday and Thursday, 10:50 AM-12:05 PM

Instructor: Tao Tang

GEG 428 ENVIRONMENTAL ASSESSMENT AND PLANNING APPLICATIONS IN GIS

3 credits

Prerequisite: GEG 425 or equivalent.

Advanced concepts of GIS with a focus on spatial analytical applications in GIS for environmental assessment and planning. GIS theories and software implementations are presented through lecture and hands-on practice to solve real world environmental and planning problems.

Tuesday and Thursday, 4:30-5:45 PM

Instructor: Tao Tang
