

S4 Winter 2011 GIS Institute Schedule

Tentative Schedule, Subject to Change

Meeting locations are indicated in parentheses.

PSTC is the seminar room on the 2nd floor of the Population Studies and Training Center.

CIT is a computer lab (Room 265) in the Watson CIT building

Monday, January 10th, 2011

- 9:30-10:30 Welcome, an introduction to the institute, and an overview of spatial approaches to research, John Logan & Rachel Franklin, S4 (**PSTC**)
- 10:30-10:45 Break
- 10:45-12:00 Space: Questions and Tools, Rachel Franklin, S4 (**PSTC**)
- 12:00-1:00 Lunch
- 1:00-3:15 Introduction to ArcGIS I, Tom Stieve, Library (**CIT**)
- 3:15-3:40 Library Visit
- 3:45-5:00 Reception and project discussion with S4 Fellows, Adam Storeygard and Hongwei Xu (**PSTC**)

Tuesday, January 11th, 2011

- 9:30-10:30 Introduction to ArcGIS II, Tom Stieve (**CIT**)
- 10:30-10:45 Break
- 10:45-11:45 Introduction to ArcGIS II, Tom Stieve (**CIT**)
- 11:45-12:45 Lunch
- 12:45-1:45 Geocoding and Point Pattern Analysis, Rachel Franklin (**CIT**)
- 1:45-3:15 Geocoding in ArcGIS, Tom Stieve (**CIT**)
- 3:15-3:40 Visit S4
- 3:45-5:00 Reception and project discussion with faculty, Patrick Vivier (**PSTC**)

Wednesday, January 12th, 2011

- 9:30-10:30 Introduction to Cartography, Rachel Franklin (CIT)
- 10:30-10:45 Break
- 10:45-11:00 Introduction to Georeferencing and Digitizing, Rachel Franklin (CIT)
- 11:00-12:00 Georeferencing and Digitizing in ArcGIS, Tom Stieve (CIT)
- 12:00-1:00 Lunch
- 1:00-3:45 Raster Data and Map Algebra, Lynn Carlson, EARTHLAB (CIT)
- 4:00-5:00 Reception and project discussion with faculty, John Logan (PSTC)

Thursday, January 13th, 2011

- 9:30-12:00 Introduction to Spatial Statistics, Crystal Linkletter, BioStatistics (CIT)
- 12:00-1:00 Lunch
- 1:00-3:45 Introduction to Spatial Statistics, Crystal Linkletter (CIT)
- 4:00-5:00 Reception and project discussion with faculty, Nathaniel Baum-Snow (PSTC)

Friday, January 14th, 2011

- 9:30-12:00 Spatial Data Sources, Rachel Franklin (PSTC)
- 12:00-1:30 Lunch and project discussion with faculty, Traci Green (PSTC)

Monday, January 17th, 2011

- 9:30-10:30 Introduction to GeoDa, Rachel Franklin (PSTC)
- 10:30-11:00 Break and Reconvene at PSTC
- 11:00-12:00 Faculty Research, Margot Jackson (PSTC)
- 12:00-1:00 Lunch
- 1:00- Project Work and Consultation with S4 Faculty & Staff

Tuesday, January 18th, 2011

Project Work and Consultation with S4 Faculty & Staff

Wednesday, January 19th, 2011

Project Work and Consultation with S4 Faculty & Staff

Thursday, January 20th, 2011

Project Work

Friday, January 21st, 2011

9:00-4:00 S4 Institute Conference (**PSTC**)