

GEOG 579: GIS and Spatial Analysis (SU 17 Schedule)

The course begins May 30, 2017 to August 20, 2017

Module	Wk	Date	Lesson	Lab*	Assignment (Due Date) **
Module 1 Logic Frameworks	1	05/30-06/05	Logic Frameworks	Lab 1 Begins	
Module 2 Digital Terrain Analysis	2	06/06-06/12	Digital Terrain Analysis		Lab 1 Due (06/12)
Module 3 Spatial Autocorrelation	3	06/13-06/19	Lesson 1: Introduction and Joint Count Statistics		Quiz 1 Due (06/19)
	4	06/20-06/26	Lesson 2: Geary Index, Moran Coefficient and Getis Gi Lesson 3: Semivariogram	Lab 2 Begins	Quiz 2 Due (06/26)
Module 4 Point Pattern Analysis	5	06/27-07/03	Point Pattern Analysis	Lab 3 Begins	Lab 2 Due (07/03)
Module 5 Spatial Interpolation	6	07/04-07/10	Lesson 1 : Introduction Lesson 2: Triangulation, Local Sample Mean, Inverse Distance Weighted		Lab 3 (07/10)
	7	07/11-07/17	Lesson 3: Kriging	Lab 4 Begins	Quiz 3 (07/17)
	8	07/18-07/24	Lesson 4: Spline		Lab 4 (07/24)
	9	07/25-07/31	Lesson 5: Spatial Interpolation Beyond and Validation		Quiz 4 (07/31)
Module 6 Data-Driven Spatial Models	10	08/01-08/07	Data-Driven Spatial Models		Quiz 5 (08/07)
Module 7 Artificial Neural Networks	11	08/08-08/14	Artificial Neural Networks		Quiz 6 (08/14)
Module 8 Spatial Indices and Landscape Measures	12	08/15-08/20	Spatial Indices and Landscape Measures		Quiz 7 (08/21)

*You will have **TWO weeks** to complete each lab. Please plan your time accordingly.

** All assignments are due **by 11:59 p.m. Central Time on the due date.**

Disclaimer: Please note that the specifics of this Course Syllabus are subject to change, and you will be responsible for abiding by any such changes. Your instructor will notify you of any changes.