

GIS in Water Resources, Fall 2018 Class Schedule

Class	Date	Subject	Lecturer
0	Tue Aug 28	Intro class at USU	Tarboton
1	Thu Aug 30	Introduction to GIS in Water Resources	Maidment
2	Tue Sep 4	Introduction to ArcGIS	Maidment
3	Thu Sep 6	Exercise 1: Introduction to ArcGIS	Maidment
4	Tue Sep 11	Data Sources for GIS in Water Resources	Maidment
5	Thu Sep 13	Map Projections and Coordinate Systems	Maidment
6	Tue Sep 18	Exercise 2: Building a base map.	Maidment
7	Thu Sep 20	Spatial Analysis [1 page term project proposal due]	Tarboton
8	Tue Sep 25	Exercise 3: Spatial analysis in Hydrology	Tarboton
9	Thu Sep 27	Digital Elevation Model Watershed and Stream Network Delineation	Tarboton
10	Tue Oct 2	Extended Hydrologic Terrain Analysis	Tarboton
11	Thu Oct 4	Exercise 4. Watershed and Stream Network Delineation	Tarboton
12	Tue Oct 9	National Water Model	Maidment
13	Thu Oct 11	Review for Midterm Exam	Maidment
14	Tue Oct 16	Midterm exam	Both
15	Thu Oct 18	Groundwater. Midterm return	Maidment
16	Tue Oct 23	Height above Nearest Drainage (HAND) flood inundation mapping. [Term project 2 page progress report due]	Tarboton
17	Thu Oct 25	Exercise 5: Height above nearest drainage (HAND) Flood Inundation mapping	Tarboton
18	Tue Oct 30	Extending ArcGIS using Programming (Python)	Tarboton
19	Thu Nov 1	Demography	Maidment
20	Tue Nov 6	LIDAR	Maidment
21	Thu Nov 8	Water information sharing and HydroShare	Tarboton
22	Tue Nov 13	Term Paper Presentations Texas	Maidment
23	Thu Nov 15	Term Paper Presentations Texas	Maidment
24	Tue Nov 20	Term Paper Presentations USU	
	Thu Nov 22	Thanksgiving	
25	Tue Nov 27	Term Paper Presentations Texas	Maidment
26	Thu Nov 29	Term Paper Presentations USU	Tarboton
27	Tue Dec 4	Term Paper Presentations Texas	Maidment
28	Thu Dec 6	Term Paper Presentations Texas	Maidment
	Fri Dec 7	Term project due	