

Classes Start:

Sep 4th

No classes

L.	Albert-László Barabási
LS.	Louis Shekhtman

SM	Stefan McCabe
ALL	

		Monday		Wednesday		Friday	Comments
Sep. 7-11		Labor Day	L	Chapter 1: Introduction			
Sep. 14-18	SM	Chapter 2: Graph Theory	L	Chapter 3: Random Networks			
Sep. 21-25	SM	Hands-on (graph-representation, binning, algorithms)	L	Chapter 4: The scale-free property			
Sep. 28-Oct 2	SM	Weighted Networks	ALL	Preliminary Project Presentations			First assignment due Oct. 2
Oct. 5-9	LS.	Network Motifs	LS.	Hands-on (gephi+cytoscape)			
Oct. 12- 16		Columbus Day	L	Chapter 5: The Barabási -Albert model			
Oct. 19-23	L	Chapter 6: Evolving Networks	SM	Chapter 7: Degree Correlations			
Oct. 26-30	LS	Chapter 9: Communities	LS	Chapter 9: Communities			Second Assignment Due Oct. 30th
Nov. 2-6	L	Chapter 8: Network Robustness	L	Chapter 8: Network Robustness			
Nov. 9-13	ALL	Intermediate project progress		Veteran's Day			
Nov. 16-20	SM	Chapter 10: Spreading Phenomena	LS.	Dynamics on Networks			
Nov. 23-27	LS.	Temporal Networks		Thanksgiving		Thanksgiving	Third assignment due Nov. 23rd
Nov. 30- Dec. 4	ALL	Office Hours	ALL	Office Hours			
Dec. 7-11	ALL	Final Exams (pairs)	ALL	Final exams (singles)			