

Classes start Sep 5th No classes ---

László Barabási L. László Barabási E. Emma Towlson S. Sean Cornelius ALL

		Monday		Wednesday		Friday	Comments
Sep. 3-7	-	No classes (Labor day)	S. + E.	Chapter 1: Introduction			
Sep. 10-14	L.	Chapter 2: Graph Theory	L.	Chapter 3: Random Networks			
Sep. 17-21	L.	Chapter 4: The scale-free property	L.	Chapter 4: The scale-free property	L.	Chapter 5: The Barabási-Albert model	
Sept. 24-28	S.	Hands-on (graph representation, binning,	ALL	Preliminary Project Presentations			
Oct. 1-5	E.	Hands-on (gephi)	E.	Weighted Networks			hand-in first assignment (by Fri Oct. 5th, no later than 6pm)
Oct. 8-12	-	No classes (Columbus Day)	S.	Hands-on (algorithms)			
Oct. 15-19	L.	Chapter 8: Network robustness	L.	Chapter 8: Network robustness			
Oct. 22-26	S.	Chapter 9: Communities	S.	Chapter 9: Communities	S.	Null models + Hands-on (communities)	
Oct. 29-Nov. 2	E.	Chapter 7: Degree correlations	E.	Chapter 7: Degree correlations	ALL	Intermediate project progress	hand-in second assignment (by Fri Nov. 2nd, 6pm)
Nov. 5-9	L.	Chapter 6: Evolving Networks	L.	Chapter 6: Evolving Networks	-	No classes (Veteran's Day)	
Nov. 12-16	E.	Network motifs	S.	Temporal Networks			
Nov. 19-23	ALL	MOVIE NIGHT	-	No classes (Thanksgiving recess)	-	No classes (Thanksgiving recess)	
Nov. 26-30	E.	Chapter 10: Spreading phenomena	L.				hand-in third assignment (by Fri Nov. 30, 6pm)
Dec. 3-7	ALL	In-class project time	ALL	In-class project			
Dec. 10-14	ALL	Final exams (pairs)	ALL	Final exams (singles)			