

Classes start Sep 4th No classes ---

L. Albert-László Barabási
S. Sebastian Ruf

E. Emma Towlson
M. Michael Danziger

ALL
L.S. Louis Shekhtman

		Monday		Wednesday		Friday	Comments
Sep. 2-6	-	No classes (Labor day)	L.	Chapter 1: Introduction	L.	Chapter 2: Graph Theory	
Sep. 9-13	L.	Chapter 3: Random Networks	M.	Chapter 4: The scale-free property			
Sep. 16-20			L.	Chapter 5: The Barabási-Albert model	ALL	Preliminary Project Presentations	
Sep. 23-27			L.S.	Hands-on (graph representation, binning,			
Sep. 30 - Oct. 4	E.	Hands-on (gephi)	S.	Hands-on (algorithms)			hand-in first assignment (by Fri Oct. 4, no later than 6pm)
Oct. 7-11	E.	Chapter 7: Degree correlations	E.	Weighted Networks			
Oct. 14 - 18	-	No classes (Columbus Day)	L.	Chapter 6: Evolving Networks	L.	Chapter 8: Network robustness	
Oct. 21 - 25	L.	Chapter 8: Network robustness	L.S.	Null models + Hands-on (communities)			
Oct. 28 - Nov. 1	M.	Chapter 9: Communities	M.	Chapter 9: Communities			hand-in second assignment (by Fri Nov. 1, 6pm)
Nov. 4 - 8	ALL	Intermediate project progress	E.	Network motifs			
Nov. 11 - 15	-	No classes (Veteran's Day)	E.	Chapter 10: Spreading phenomena			
Nov. 18 - 22	S.	Dynamics on networks	ALL	MOVIE NIGHT			
Nov. 25 - 29	S.	Temporal Networks	-	No classes (Thanksgiving recess)	-	No classes (Thanksgiving recess)	hand-in third assignment (by Mon Nov. 25, 6pm)
Dec. 2 - 6	ALL	Open office hours	ALL	Open office hours			
Dec. 9 - 13			ALL	Final exams (pairs)	ALL	Final exams (singles)	