

DATA 4734: Network Science - Winter 2026 Tentative Schedule

Week	Dates	Lecture (Tuesday)	Lecture (Thursday)	Lab (Thursday)	Assignment	Misc.
1	Jan. 5 - 9	Course Overview and Introduction to Networks	Basics of Graph Theory	NA	NA	Jan. 6: First day of classes
2	Jan. 12 - 16	Network Connectivity	Network Centrality	Lab 1	NA	Jan. 14: Add/Drop date
3	Jan. 19 - 23	Degree Correlation	Clustering and Homophily	Lab 2	NA	
4	Jan. 26 - 30	PageRank	Random Networks	Lab 3	NA	
5	Feb. 2 - 6	Random Network Properties	Scale-Free Networks	Lab 4	Assignment 1	Feb. 7: Submission deadline (before noon)
6	Feb. 9 - 13	Scale-Free Network Properties	Midterm Exam	NA	NA	Feb. 12: Midterm Exam
7	Feb. 16 - 20	Family Day and Winter Reading Break				
8	Feb. 23 - 27	Barabasi-Albert Networks	Barabasi-Albert Network Properties	Lab 5	NA	
9	Mar. 2 - 6	Community Structure	Community Detection	Lab 6	Assignment 2	Mar. 7: Submission deadline (before noon)
10	Mar. 9 - 13	Spectral Graph Theory	Spectral Graph Embedding	Lab 7	NA	Mar. 9: 25% Formal evaluation feedback
11	Mar. 16 - 20	Game Theory 1	Game Theory 2	Lab 8	NA	Mar. 20: Withdrawal date
12	Mar. 23 - 27	Modeling Epidemics	Epidemics on Networks	Lab 9	NA	
13	Mar. 30 - Apr. 3	Signed Networks	Information Diffusion	Lab 10	Assignment 3	Apr. 3: Good Friday Apr. 4: Submission deadline (before noon)
14	Apr. 6 - 10	Graph Neural Networks	Final Exam Review	NA	NA	Apr. 6: Easter Monday
	Apr. 13	NA	NA	NA	NA	Apr. 13: 50% Formal evaluation feedback AND Last day of Winter semester
	Apr. 15 - 25	Final Examination Period				

