Economics of Social Networks
(undergraduate and graduate level)

Textbook:

Matthew Jackson, Social and Economic Networks, Princeton, 2008

Tentative Class Schedule:

1. Introduction: (Chapter 1)

2. Measure networks, Empirical methods and findings
    2.1 data structure (Section 2.1)
    2.2 Key Statistics (Section 2.2)
    2.4 Empirical methods (Chapter 13)
    2.3 Empirical findings (Chapter 3)

3. Model network formation
    3.1 Randome Graph Theory (Chapter 4)
    3.2 Growing Random Network Theory (Chapter 5)
    3.3 Game Theoretical Model of Network Formation (Chapter 6 and 11)

4. Modeling network effects
    4.1 Diffusion (Chapter 7)
    4.2 Learning (Chapter 8)
    4.3 Playing games on networks (Chapter 9)
    4.4 Cooperative Game and allocation (Chapter 11)
    4.5 Market (Chapter 10)