

**Aggregate Economics**  
**ECO 6206**

- I. Introduction
  - A. Review of Microeconomic Theory and Needed Mathematics
  - B. A First Look at Aggregate Data
  - C. The Measurement of Aggregate Data
  
- II. A One-Period Model
  - A. Optimal Consumer and Firm Behavior
  - B. General Equilibrium and Market Efficiency
  
- III. A Two-Period Model
  - A. Optimal Intertemporal Consumer Behavior
  - B. Ricardian Equivalence
  - C. Theory of Investment
  - D. Dynamic General Equilibrium and Extension to Longer Time Horizons
  
- IV. Exogenous Growth Models
  - A. "Stylized Facts" of Economic Growth
  - B. Neoclassical Growth with Finite-Lived Agents (Diamond Model)
  - C. Neoclassical Model with Exogenous Saving (Solow Model)
    - 1. Without Technological Progress
    - 2. With Technological Progress
  - D. Neoclassical Model with Endogenous Saving (Cass-Koopmans Model)
    - 1. Without Technological Progress
    - 2. With Technological Progress
  
- V. Endogenous Growth Models
  - A. One-Sector Economies (AK Model)
    - 1. With Exogenous Saving
    - 2. With Endogenous Saving
  - B. Multi-Sector Economies
    - 1. Adding Physical and Human Capital Accumulation
    - 2. Models with Intermediate Goods
    - 3. The Role of International Trade
  
- VI. Monetary Economies
  - A. A Model of a Medium of Exchange (Kiyotaki-Wright Model)
  - B. The Cash-in-Advance Model

- C. The Two-Period Model with a Cash-in-Advance Constraint
  - 1. General Equilibrium
  - 2. Efficiency
  
- VII. Business Cycle Theories
  - A. More on the Business Cycle "Facts"
  - B. Monetary Theories of Business Cycles
  - C. Real Business Cycle Theory
  - D. Coordination-Failure Theory of Business Cycles
  
- VIII. Models of Unemployment
  - A. A Search Model of Unemployment
  - B. The Efficiency Wage Model
  
- IX. The Phillips Curve and Dynamic Optimal Policy
  - A. The Phillips Curve as an Empirical Relationship (or not)
  - B. A Theory of the Phillips Curve
  - C. Dynamic Consistency
    - 1. The Role of Commitment
    - 2. The Role of Policy Rules