# Modern Macro

- Aug–21 (Mon): Modern macro, Here we talk about methods: how to set up a general equilibrium model and characterize its equilibrium.
- Aug–23 (Wed): Sequential trading and Arrow-Debreu

# Overlapping Generations

- Aug–28 (Mon): Model
- Aug–30 (Wed): OLG model (continued)
- Sep–4 (Mon): Labor day
- Sep–6 (Wed): Dynamics and steady state, PS1, due TBA
- Sep–11 (Mon): Efficiency and Social Security
- Sep–13 (Wed): Bequests
- Sep–18 (Mon): Money as a bubble, PS2, due TBA

# Infinite Horizon, Discrete Time Models

- Sep–20 (Wed): The growth model
- Sep–25 (Mon): Wellness day
- Sep–27 (Wed): Dynamic programming. For your reference: Dynamic programming theorems, Notes on Dynamic Programming
- Oct–2 (Mon): Competitive equilibrium, PS3, due TBA
- Oct–4 (Wed): Cash in advance models, PS4, due TBA
- Oct–9 (Mon): Example: Asset pricing, RQ
- Oct–11 (Wed): Midterm exam

# Infinite Horizon, Continuous Time Models

- Oct–16 (Mon): Solow model
- Oct–18 (Wed): Optimal control
- Oct–23 (Mon): Optimal control (contd.)
- Oct–25 (Wed): The growth model
- Oct–30 (Mon): The growth model (contd.)
- Nov–1 (Wed): Competitive equilibrium, Dynamics and phase diagrams (*partially* skipped this year)
- Nov–6 (Mon): Money in the utility function, PS5, due TBA
- Nov–8 (Wed): Perpetual youth, Aggregation issues (skipped this year)

# Endogenous Growth

- Nov–13 (Mon): Endogenous growth: AK model, Increasing varieties, RQ
- Nov–15 (Wed): Increasing varieties, part II
- Nov–20 (Mon): Knowledge spillovers and scale effects, PS6, due TBA
- Nov–22 (Wed): Thanksgiving
- Nov–27 (Mon): Quality ladders, Quality ladders with firm dynamics

# Stochastic Growth

- Nov–29 (Wed): Stochastic optimization, Dynamic programming – we will not talk about this in class. Think of it as a simple user guide to the results that are out there.
- Dec–4 (Mon): Asset pricing, Extensions, RQ
- Dec–6 (Wed): Stochastic growth model, RQ

# Heterogeneous Agents

- Dec–6 (Wed): To be added if time permits.