

Course content

This course ~~has joint teaching~~ is taught jointly with [ECON9300B – Advanced Macroeconomic Theory](#).

Macroeconomic theory with main emphasis on dynamic general equilibrium models. Mathematical tools for modern dynamic macroeconomics and examples of their application to business cycles, fiscal policy, and growth ~~and unemployment~~. Uncertainty in intertemporal models. The course is more about acquiring methodological and analytical skills than about empirical or policy applications.

Learning outcome

Knowledge

- Techniques for dynamic optimization with and without uncertainty
- Techniques for dynamic analysis in general equilibrium models
- Infinite horizon and overlapping generation models
- Economic growth
- Real business cycle models
- New Keynesian models
- ~~Search models and search unemployment~~

Skills

- Reading the newest and most advanced research literature in macroeconomics
- Applying tools of dynamic analysis in research