

Advanced Macroeconomics 2 (Economics 696 G)
Spring 2016
MWF, 10.50-11.50 Science 2 G38
Instructor: Florian Kuhn, PhD
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Office hours: Monday, Wednesday 1.15-2.15, LT 1002

Course objectives:

This is the second of two field courses in macroeconomics in the PhD program. There are two main goals for the course: 1) Learn tools used to solve dynamic general equilibrium models. Together with the tools from the first macroeconomic field course this should enable you to understand most models used in modern macroeconomic research 2) Acquire a working knowledge to programmatically process data and solve recursive problems - skills which are valuable beyond macroeconomic applications.

Readings: The recommended book for this course is Heer/Maussner, “Dynamic General Equilibrium Modeling” (2nd ed). In addition there will be handouts and assigned readings through blackboard.

Consult me if you are unsure whether you want to buy this book.

You may also want to review “Recursive Methods in Economic Dynamics” by Stokey and Lucas for the theory of dynamic programming.

Programming language: The code examples and solutions to problem sets used in class will mostly be based on Matlab. However, you are free to use a different programming language of your choice, provided I can run your code to check your work – check back with me briefly if you plan to use a language other than Matlab.

Grading: There will be regular problem sets (mostly programming assignments) as well as a final project.

It is a good idea to start the problem sets by yourself and see how far you can get on your own. If you get stuck, you can come to my office hours or discuss the problem with class mates. Importantly, do not copy code directly – writing code yourself is very helpful to becoming comfortable with both the numerical procedure and the economic concept behind it.

University policy on academic integrity:

Students in this course are expected to observe the [Student Academic Honesty Code](#) and should make sure they become familiar with its provisions. Violations of the code, for example, cheating on exams, will be prosecuted as specified in the Code.