Course Computational Economics (a.a. 2025-2026)
Prof. Giorgio Ricchiuti (giorgio.ricchiuti@unifi.it)
www.grarchive.net

Lecture	Day	Hours	Topic
1	Friday, 27 February 2026	2	Introduction to Computational Economics
2	Wednesday, 04 March 2026	2	Notes on Python - Income-Expenditure Model (static version)
3	Friday, 06 March 2026	2	Notes on Python IE Model (dynamic version)
4	Wednesday, 11 March 2026	2	Ch. 1 Hommes: HAMs Models and Stylized Fact in Financial Markets
5	Friday, 13 March 2026	2	Ch. 2 Hommes – 1Dimensional systems
6	Wednesday, 18 March 2026	2	Ch. 2 Hommes – 1Dimensional systems
7	Friday, 20 March 2026	2	Model Naimzada/Ricchiuti AMC 2008
8	Friday, 27 March 2026	2	Ch. 3 Hommes – 2Dimensional systems
9	Wednesday, 01 April 2026	2	Ch. 3 Hommes – 2Dimensional systems
10	Wednesday, 08 April 2026	2	The Discrete Choice Model
11	Friday, 10 April 2026	2	Cap 6 Hommes – An asset pricing model with het beliefs
12	Wednesday, 15 April 2026	2	Cap 6 Hommes – An asset pricing model with het beliefs
13	Friday, 17 April 2026	2	Some notes on BH Model
14	Wednesday, 22 April 2026	2	Cap 7-8 Hommes – Empirical Validation and Lab Experiments
15	Friday, 24 April 2026	2	Networks – An Introduction - What is Network Science?
16	Wednesday, 29 April 2026	2	Guest Lecture: Christian Proano (Bamberg University)
17	Wednesday, 06 May 2026	2	Guest Lecture: Christian Proano (Bamberg University)
18	Friday, 08 May 2026	2	Networks – Some Graphs and properties
19	Wednesday, 13 May 2026	2	Networks – Centrality measurements
20	Friday, 15 May 2026	2	Networks – Community Detection
21	Wednesday, 20 May 2026	2	BH Model with a Net
22	Friday, 22 May 2026	2	Interaction in Financial Markets
23	Wednesday, 27 May 2026	2	Interaction in Financial Markets
24	Friday, 29 May 2026	2	Mock Exam

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Texts:

Hommes, C. (2013), Behavioural Rationality and Heterogenous Expectations, ed. Cambridge University Press

Mark Newman (2018) Networks, An introduction, ed. Oxford University Press

Other Readings will be distributed during the course

Programma Lezione Network

Tuesday, 16 November 2021	What is Network Science? Relevant Concepts From Graph Theory
Wednesday, 17 November 2021	Degree Distribution and ER Graphs
Tuesday, 23 November 2021	Random vs. Real Graphs and "Scale Free" Networks
Wednesday, 24 November 2021	Centrality and Netork-core Metrics and Algorithms
Tuesday, 30 November 2021	Community Detection and Hierarchical Modularity