

# Pre-readings for the Master 2 in Economic Analysis (CYTech and ESSEC)

June 2024

Welcome and congratulations on joining the M2 Economic Analysis program. We are thrilled to have you on board! Please find below the reading list we would like you to go through over the Summer.

We believe that these readings will provide you with a solid foundation and prepare you for the exciting journey ahead in our program. Should you have any questions or need further assistance, please do not hesitate to reach out.

## **Macroeconomics I: Growth and overlapping generation model**

Professor(s): Olivier CHARLOT email: ocharlot@cyu.fr

**Charles Jones, Introduction to Economic Growth, Second Edition.** Reading the first three chapters (Introduction, The Solow Growth model, Applications of the model)+ Appendix A of the book, which presents the tools that will be used during the course, is strongly encouraged.

You can also look at the same chapters and maths appendices at the end of Acemoglu, **Introduction to Modern Economic Growth** (2009) or Barro and Sala-i-Martin, **Economic Growth** (2004), but they are more advanced.

## **Microeconomics I: Choice and Decision Theory**

Professors: Eric DANAN (eric.danan@cyu.fr) and Peter VIDA (peter.vida@cyu.fr)

Main textbook: Mas-Collel, A., Whinston, M. D., Green, J. R. (1995). *Microeconomic Theory*, Oxford University Press, New York, Oxford.

We will cover chapters 1, 2, 3, 5, and 10. Please read Chapter 1 before the first lecture (feel free to read further if you wish).

Other textbooks cover the same material, e.g.: Varian, H.R. (1992). *Microeconomic Analysis*, 3rd ed., W.W. Norton and Company.

## 1 Mathematics for Economics

Professors: Peter VIDA (peter.vida@cyu.fr) and Marius OCHEA (marius.ochea@cyu.fr)

Main textbook: **Knut Sydsaeter, Peter Hammond, Atle Seierstad, and Arne Strøm (2008), Further mathematics for economic analysis, Prentice Hall**

During the course, we will cover chapters 1-4 and 11-14, together with Appendix A.

## 2 Econometrics I

Professor(s) and Teaching Assistant: Olivier Donni (olivier.donni@cyu.fr)

Main textbooks:

**Wooldridge J., Introductory Econometrics**

**Hayashi F., Econometrics, Princeton University Press**

The course will cover chapters 1-6 and 15 of Wooldridge and chapters 1-2 of Hayashi. Basic knowledge of mathematics and statistics are prerequisite: Appendix A-D of Wooldridge.

## Applications of Econometrics I

TBA.