

- Faculté des sciences économiques
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Economic Statistics (5ER2015)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en méthodologie d'enquête et d'opinion publique (avant 2015)	Cours: 2 ph	écrit: 2 h	3
Master en sciences économiques, orientation politique économique	Cours: 2 ph	écrit: 2 h	3
Master en statistique (avant 2015)	Cours: 2 ph	écrit: 2 h	3

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Automne

Equipe enseignante:

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Objectifs:

This course consists of an analytical overview of principal concepts and indicators currently used to measure economic and social phenomena. The objective is to teach students the knowledge and skills required for a thorough understanding, correct interpretation and critical appreciation of economic and social statistics in various fields.

Contenu:

The course starts by discussing the need for economic and social statistics and its evolution through time. It then deals with the production process for these statistics including the producers themselves as well as quality-related considerations. After reviewing the basic concepts, definitions and classifications, we go on to present the unifying framework provided by the national accounting system. Finally, we study in greater detail a certain number of indicators essential for economic policy analysis covering a wide range of micro and macro-economic topics in closed and open-economy settings. Teaching is interactive and draws largely on readings as well as active class participation by students.

Forme de l'évaluation:

2-hour written exam during the exam session at the end of the semester (100%).
Retake (August-September): 2-hour written exam (100%).

Documentation:

There is no general-purpose reference for the course but the following fundamental texts deal with a large number of topics covered:

- Clayton, Gary E., Martin G. Giesbrecht and Feng Guo, *A Guide to Everyday Economic Statistics*, 7th edition, McGraw Hill, 2014.
- Coyle, Diane, *GDP: A Brief but Affectionate Story*, Princeton University Press, 2014.
- Giovannini, Enrico, *Understanding Economic Statistics*, Paris, OECD, 2008.
- Lequiller, François and Derek Blades, *Understanding National Accounts*, Paris, OECD, 2006.
- Stiglitz, Joseph, Amartya Sen and Jean-Paul Fitoussi, *Report by the Commission on the Measurement of Economic Performance and Social Progress*, www.stiglitz-sen-fitoussi.fr, 2009.

We also rely on a selection of scientific journal articles, book extracts, working papers and technical reports. Whenever possible, readings will be made available on Claroline prior to their discussion in class.

Pré-requis:

None. N.B. Students who take this course as an elective have to make sure they possess the required minimal knowledge in economics and quantitative methods. No distinction will be made between MScECON students and others in terms of evaluation criteria.

Forme de l'enseignement:

2-hour lecture