

- Faculté des sciences économiques
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Economic Statistics (5ER2015)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en économie appliquée	Cours: 2 ph	Voir ci-dessous	3
Master en statistique	Cours: 2 ph	Voir ci-dessous	3
Master in General Management	Cours: 2 ph	Voir ci-dessous	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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Contenu

The course consists of an analytical overview of principal concepts, indicators and techniques currently used to elaborate the rapidly growing body of economic, social and environmental statistics. It is divided into two parts. We start by discussing the demand for economic and social statistics and its evolution through time. We then deal with the statistical production process involving the producers themselves as well as quality-related considerations. After reviewing the basic concepts, definitions and classification methods, we go on to present the unifying framework provided by the System of National Accounts as well as the related body of monetary and financial statistics. In the second part, we study in greater detail a certain number of indicators used in economic policy analysis, covering a wide range of micro and macro-economic issues in closed and open-economy settings.

Forme de l'évaluation

Grading is based on a 2-hour written exam during the exam session at the end of the semester (100%).

Retake: 2-hour written exam (100%).

Exams cover the entire range of subjects taught, including exercises and proposed readings.

No documents or connected objects are allowed during the exams. Any violation of these rules will be considered as fraud, leading to the withdrawal of unauthorized items and possibly exam failure.

Documentation

There is no general-purpose textbook for this course. The following basic references are provided on the e-platform Moodle:

Giovannini, Enrico, Understanding Economic Statistics, Paris, OECD, 2008.

Laquiller, François and Derek Blades, Understanding National Accounts, 2nd edition, Paris, OECD, 2014.

Stiglitz, Joseph, Amartya Sen and Jean-Paul Fitoussi, Report by the Commission on the Measurement of Economic Performance and Social Progress, 2009.

Students are required to read journal articles, book extracts and technical reports made available on Moodle ahead of discussion in class.

Besides, handouts are distributed and discussed during the lectures.

Pré-requis

None. However, students who take this course as an elective are strongly advised to make sure they possess the required minimal knowledge in economic theory (micro and macro) and quantitative methods. No distinction will be made between MScAPEC students and others in terms of evaluation criteria.

Forme de l'enseignement

2-hour lecture. The course makes extensive use of interactive teaching, drawing largely on prior readings as well as active class participation by students.

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Describe indicators currently used in applied economic analysis

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- Synthesise valuable insights from specialized methodological and application-oriented texts (book chapters, journal articles, research reports, technical notes)
- Recognise the theoretical underpinnings of key indicators
- Communicate in written and oral formats using appropriate professional wording
- Define the limits of raw data underlying the construction of indicators
- Carry out sound economic analysis based on available indicators
- Interpret correctly economic indicators used for public and private decision making
- Criticise the methods used for elaborating major economic indicators

Compétences transférables

- Apply knowledge to new situations
- Discuss complex issues and interactions
- Carry out critical and evidence-based analyses
- Carry out a critical analysis