- Faculté des sciences économiques
- www.unine.ch/seco

Economic Statistics (5ER2015)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en sciences économiques, orientation politique économique	**Cours: 2 ph**	**écrit: 2 h**	3
Master en statistique	**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:

Prof. Milad ZARIN, Chair of Economics, Institute of Economic Research, A.-L. Breguet 2, CH-2000 NEUCHATEL +41 32 718 1355 - milad.zarin@unine.ch
Cécile HEDIGER, teaching assistant and PhD candidate, Institute of Economic Research, A.-L. Breguet 2, CH-2000 NEUCHATEL +41 32 718 1344 - cecile.hediger@unine.ch

Objectifs:

This 3-credit (ECTS) course deals with the general issue of the measurement of economic and social phenomena as well as its pitfalls. Its objective is to teach students the knowledge and skills required for a thorough understanding, correct interpretation and critical appreciation of indicators used to conduct sound economic analysis in various fields.

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 including 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 national accounting system, the related body of monetary and financial statistics as well as basic measures of inequality and poverty. 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 topics in closed and open-economy settings. The course makes extensive use of interactive teaching, drawing largely on prior readings as well as active class participation by students.

Forme de l'évaluation:

Grading is based on a 2-hour written exam during the exam session at the end of the semester (100%). "Active participation" will be rewarded by a bonus (of up to 1 point) to be added to the final grade. By active participation is meant regular attendance, prior reading of prescribed texts and voluntary participation in class discussions.
Retake: 2-hour written exam (100%, no bonus).
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, Paris, OECD, 2006.
Siglitz, Joseph, Amartya Sen and Jean-Paul Fitoussi, Report by the Commission on the Measurement of Economic Performance and Social Progress, 2009.
Besides, some handouts are distributed during the lectures. Also, students are required to read journal articles, book extracts and technical reports made available on Moodle ahead of discussion in class.

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 MScECON students and others in terms of evaluation criteria.

Forme de l'enseignement:

DESCRIPTIFS DES COURS 2016-2017

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2-hour lecture.