

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

Macroeconomic Policy (5AF2017)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en économie appliquée	Cours: 4 ph	Voir ci-dessous	6

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

Période d'enseignement:

- Semestre Automne

Equipe enseignante

Daniel Kaufmann, Institute of Economic Research, Rue A.-L. Breguet 2, CH-2000 Neuchâtel, office 1.203, tel +41 32 718 1351 - daniel.kaufmann@unine.ch

Juliette Cattin, Institute of Economic Research, Rue A.-L. Breguet 2, CH-2000 Neuchâtel, office 1.209, tel +41 32 718 12 98 - juliette.cattin@unine.ch

Objectifs

Students will be able to analyse and interpret the most important macroeconomic indicators. In addition, they will use basic econometric tools for producing forecasts and identify the causal effects of a policy change on the economy. Finally students will find and interpret data-based evidence relevant for policy makers at governments and central banks.

Contenu

This course gives an introduction on three major topics in applied macroeconomics: data analysis, forecasting, and structural identification. We will first get to know and interpret the most important indicators used to track macroeconomic outcomes in practice. Then, we use simple forecasting methods to predict the future evolution of the macroeconomy, as well as, to display the uncertainty associated with such forecasts. Finally, we will use various techniques to identify the causal impact of a policy change on the macroeconomy. A substantial part of the course is devoted to implementing the techniques with actual data. The applications will be conducted in the free statistical software R.

Forme de l'évaluation

Mixed assessment based on a term paper on an empirical application (40%), a short presentation in class (10%), and a final 2-hour written exam during the exam session (50%). Retake: 2-hour written exam during the exam session (100% of the final grade). No documents or connected devices are allowed during the exam, except a non-programmable calculator and a dictionary. In case of violation of these rules, students are in situation of fraud and the unauthorized items will be removed. The exam could be deemed as failed.

Documentation

The course is based on a slide deck, several text books, and research articles. References will be made available on Moodle.

Pré-requis

Basic training in macroeconomics (IS-LM, open economy macroeconomics) and statistics (mean, variance, correlation, linear regression), is a prerequisite. Knowledge in programming is an advantage.

Forme de l'enseignement

Weekly 4-hour in-class lecture with exercises and interactive applications in the computer lab.