

Design of economic and political methods (axiomatic theory)

Niveau : Master, 1st year (M1)

Cursus : Master Economics, Data and Decision Science

Semestre : S7

Volume horaire : 16 heures de cours (CM)

Intervenant : Federica CERON, Stéphane GONZALEZ, Philippe SOLAL

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Objectifs du cours :

This is an introductory course in economic design, with a particular focus on the axiomatic methodology.

Plan de cours :

The course comprises three two-lecture long parts. The first part (P. SOLAL) is an introduction to the axiomatic methodology in economic theory. The second part (F. CERON) applies it to the theory of choice, with a focus on what can be learned from observed choice through the theory of revealed preferences. The third part (S. GONZALEZ) applies it to fundamental results in welfare economics.

Compétences développées :

Students learn the methodological and technical aspects of the economic modeling of individual and collective behavior.

Modalités d'évaluation :

The final grade will be determined by a written at the end of the course.

A bonus may be awarded to students who actively participate in class.

Prérequis :

A basic understanding of logical and mathematical reasoning is required.

Bibliographie / références :

- Quasi-Transitivity, Rational Choice and Collective Decisions, by Amartya Sen (Review of Economic Studies, 1969)
- Choice functions and revealed preference, by Amartya Sen (Review of Economic Studies, 1971)