

- Faculté des sciences économiques
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Innovation and Science and Technology Policies (5ZZ2011)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en sciences économiques, orientation politique économique	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 Printemps

Equipe enseignante:

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Objectifs:

The objective of this course is to introduce students to a few of the central ideas, theories, and controversies in the macro and microeconomics of technological innovation and public policy. Based on the theory and practice, the course aims at providing students the framework for analyzing the management of innovation and science and technology policy.

Contenu:

The lectures focus on a set of questions at the heart of current research on the economics of innovation:

- How does technological innovation contribute to economic growth?
- What policy instruments do governments use to promote innovation, and its underlying science and technology?
- How does technological innovation interact with market forces, management strategy and gov-ernment policies to create new industries and reshape existing ones?
- Why do firms often cluster geographically? What is the role of government policy in promoting cluster development?

The course is interactive and students are invited to participate actively in class discussions. Prior readings will be required.

Forme de l'évaluation:

Continuing assessment based on short tests during the course (50%) and a final report (50%).
Second try : 2-hour written exam.

Documentation:

There is no specific textbook for the course. We rely on original sources such as scientific journal arti-cles, book extracts and technical reports. Whenever possible, readings will be made available on Cla-roline prior to their discussion in class.

Forme de l'enseignement:

Intensive course