

Economics of Knowledge and Information



SCHOOL

Faculty of Law, Economics and Business Studies (DEG)



CAMPUS

Saint-Serge



LEVEL

1st year Master's degree



OPEN TO EXCHANGE STUDENTS

Yes



SEMESTER

Fall (S1)

> **Degree course:** M1 Economics intelligence and international competitive strategies

> **Teaching unit:** Economics founding principles

> **Course language:** English

> **Duration (hours):** 18

> **ECTS:** 3

> **Teacher(s):** David CAYLA

> Assessment:

Continuous assessment

Final exam

> Teaching methods:

Lecture course 18 hours

Tutorial course hours

Practical work hours

Case study

Project

COURSE DESCRIPTION

This lecture aims to study the role of knowledge and information in the economic world. Information and knowledge concepts are firstly discussed and the links between these conceptions are developed with different economic representations. In a second part, the lecture focuses on the "new economy" and on the "knowledge economy" theories, showing in which ways today's economic world is different from the Fordist productive system, in particular when dealing with a resource like knowledge. At last, the third part of the lecture is dedicated to knowledge and information in organizations. After the new organizational forms (Japanese firm, lean production) have been presented, the ways these new productive systems manage information and knowledge differently is studied.

OBJECTIVES

Understanding the main issues of information and knowledge in economics; reading and analysing a research paper on that subject.

PREREQUISITES

A general knowledge in economics.

SELECTIVE BIBLIOGRAPHY

AOKI, Mashiko (1988) *Information, Incentives, and Bargaining in the Japanese Economy*, Cambridge University Press.
BROWN, J.-S. and P. DUGUID (1998), « Organizing Knowledge », *California Management Review*, Vol. 40, No. 3.
FORAY, Dominique et L. HILAIRE PEREZ (2002), « The economics of open technology : collective organization and individual claims in 'fabrique lyonnaise' during the old regime », in C.Antonelli et al. (eds.), *New frontiers in the economics of innovation and new technology*.
HAYEK, Friedrich A. (1945) « The use of knowledge in society », *American Economic Review*, vol. 35, n°4, pp. 519-530.
JENSEN, Michael et William MECKLING (1992), « Specific and General Knowledge and Organizational Structure » in Lars in Lars Werin et Hans Wijkander, (eds.), *Contract Economics*. Oxford : Blackwell.
LEVITT, Barbara et James MARCH (1988), « Organizational Learning », *Annual Review of Sociology*, no 14, pp. 319-340.
NONAKA Kurito (1994), « A Dynamic Theory of Organizational Knowledge Creation », *Organization Science*, vol. 5, n°1, pp. 14-37.