

Descriptif de l'enseignement

Nom, Prénom de l'enseignant :

BARTHELMESS Benedikt/LANGLOIS-BERTHELOT Jean

Titre de l'enseignement (dans la langue principale de l'enseignement) :

Innovation Eldorado? Innovation and Economic Development in Africa

Titre de l'enseignement en anglais :

Innovation Eldorado? Innovation and Economic Development in Africa

Langue principale de l'enseignement :

Anglais

Pré-requis :(Facultatif, **300 caractères maximum**, dans la langue principale de l'enseignement)

No prerequisites.

Présentation de l'enseignement et des objectifs pédagogiques :(Obligatoire, **800 caractères maximum**, dans la langue principale de l'enseignement)

In the end of the course the student will be able to:

- Master the key ideas and concepts underlying innovation in the context of economic development
- Master the latest trends in research on innovation and development
- Use the tools and methods to develop policy recommendations

Modalités d'évaluation :(Obligatoire - **300 caractères maximum**, dans la langue principale de l'enseignement)

- **Oral evaluation:** groups of 2-3 students select a subject from a defined list and present it during 20 minutes. (coefficient 3)
- **Reading report :** each student selects a book from a reading list, then explains the main topic of the book in 5 or 6 pages report.(coefficient 3)
- **Final written evaluation:** essay-style response to several questions about the course. (coefficient 3)
- **Courses participation** (coefficient 1)

Lectures demandées :

Bardhan, Pranab, and Christopher Udry. 1999. "Chapter 12: Technological Progress and Learning", in Development Microeconomics, Oxford: OUP.

Cassiolato, Jose E, and Virginia Vitorino. 2009. "BRICS and Development Alternatives: Innovation Systems and Policies", London: Anthem Press.

Kerr, William R. and Ramana Nanda. "Financing Innovation", Annual Review of Financial Economics, Vol. 7:445-462 (Volume publication date December 2015)

Mazzucato, Mariana. 2013. "Financing Innovation: Creative Destruction vs. Destructive Creation", Industrial and Corporate Change, vo. 22 (4), pp. 851-867.

McCormick, Dorothy, and Banji Oyelaran-Oyeyinka (eds.). 2007. "Industrial Clusters and Innovation Systems in Africa: Institutions, Markets and Policy", United Nations University Press.

Schumpeter, Joseph A. 1942. "Capitalism, Socialism and Democracy", New York: Harper.

Plan des séances (12) :**I. Introduction: Understanding Innovation in Africa**

- Session 1: Mapping the innovation potential on the African continent

II. The Link Between Innovation and Development

- Session 1: Creative destruction, technological progress and learning
- Session 2: Clusters and innovation systems in African countries

III. Innovation in Different Development Models and Relevant Policy Measures

- Session 1: Classical models and recent trends
- Session 2: Innovation and the role of the state

IV. Financing Innovation

- Session 1: Determining optimal financing mechanisms for innovation
- Session 2: The role of the African Development Bank and other development banks in promoting innovation
- Session 3: Venture capital and other forms of private sector financing: a changing landscape in Africa

V. Innovation in Africa: Case Studies from Across the African Continent

- Session 1: Case study 1
- Session 2: Case study 2
- Session 3: Case study 3

Final Exam and Future Perspectives

- Session 1: Final Exam (1h) and Future Perspectives (1h)