



UNIVERSITAT DE BARCELONA
SCHOOL OF ECONOMICS

Summer
School

The Economics of Growth: Innovation, Rivalry, and Institutions



University of Barcelona

The top and most
innovative university
in Spain

According to the Academic Ranking
of World Universities 2018 and
Reuters Top 100

July 1st-5th, 2019

Scholarships available for
Master and PhD students

2 ECTS certificate

Applications open until
June 16th, 2019

Economics of growth

Almost a century ago Joseph A. Schumpeter argued that the capitalist system is an engine of growth driven by technological change and that this is the outcome of market rivalry. Firms continuously strive to improve and defend their market position at the expense of other firms. Modern growth theory provides a unified, consistent framework for modeling this process.

Academic Coordinator for the 2019 edition: Vahagn Jerbashian (Universitat de Barcelona)

Lecturers

Pietro F. Peretto (Duke University)

His fields of interest are Economic Growth, Macroeconomics, Industrial Organisation, and International Economics. Professor Peretto was awarded PhD in Economics by Yale University in 1994.

Vahagn Jerbashian (Universitat de Barcelona)

His research primarily focuses on issues related to Economic Growth, Knowledge and Human Capital Accumulation, Patents, and Competition. He was awarded PhD in Economics by CERGE-EI in 2013.

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Course outline

The course will look at three types of innovation by entrepreneurs and firms: [1] development of products and market entry; [2] development of higher quality products than existing ones and market entry with “creative destruction;” and [3] “creative accumulation” within firms, which enhances their productivity and product quality. The main focus of the course is on the third type of innovation, which is more in line with theory and evidence from IO.

Lecture 1. The preliminaries of endogenous growth theory

Lecture 2. In-house innovation, patents, licensing, and growth

Lecture 3. Innovation and rivalry for product market and inputs

Lecture 4. Competition and innovation: Theory and empirical evidence

Lecture 5. Notable extensions of Peretto-Smolders knowledge-based model

Lecture 6. Introducing natural resources and richer production structure

Lecture 7. The multi-sector version of the model

Lecture 8. Applications and recent extensions: Corporate governance, entry, innovation and growth

This Summer School includes also a workshop where advanced students can present their works and receive feedback.

Schedule

Monday to Friday

Lectures from 9:00h to 13:30h

Thursday

Workshop from 14:30h to 16:30h

Tuition fees

General fee Student fee

710 eur 475 eur

Applications open until June 16th, 2019.
Only candidates applying before April 30th 2019 will be considered for a scholarship.