

Applied Economics and Business

2013/2014

Codi: 42618

Crèdits: 15

Titulació	Tipus	Curs	Semestre
4313384 Recerca Aplicada en Economia i Empresa / Applied Research in Economics and Business	OB	0	1

Professor de contacte

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Prerequisits

none

Utilització d'idiomes

Llengua vehicular majoritària: anglès (eng)

Objectius

To provide the students with the basic analytical tools to understand the basic features of applied research in economics and business.

Competències

Reerca Aplicada en Economia i Empresa / Applied Research in Economics and Business

- Analyse, synthesise and critically evaluate a certain matter of scientific interest and/or real problem case, considering its different perspectives and supporting the results and conclusions obtained.
- Possess and understand knowledge that provides a basis or opportunity for originality in the development and/or application of ideas, often in a research context
- Produce and draft projects, technical reports and academic articles in English, making use of the appropriate terminology, argumentation, communication skills and analytical tools for each context, and rigorously evaluate those produced by third parties.
- Select and apply different and adequate models and/or theoretical frameworks, methodologies and techniques for scientific research, data sources and IT tools for research applied to business and economics.
- Student should possess an ability to learn that enables them to continue studying in a manner which is largely self-supervised or independent
- Understand, analyse and evaluate the complexity, functions and main challenges of the current socio-economic and business reality using analytical tools and/or precise methodologies.
- Work in international and inter-disciplinary teams.

Resultats d'aprenentatge

1. Analyse, synthesise and critically evaluate a certain matter of scientific interest and/or real problem case, considering its different perspectives and supporting the results and conclusions obtained.
2. Identify the main theories and analytical tools usable in the area of applied research in economics and business.
3. Possess and understand knowledge that provides a basis or opportunity for originality in the development and/or application of ideas, often in a research context
4. Produce and draft projects, technical reports and academic articles in English, making use of the

appropriate terminology, argumentation, communication skills and analytical tools for each context, and rigorously evaluate those produced by third parties.

5. Recognise and distinguish the theoretical, methodological and empirical knowledge in relation to the finance of entrepreneurship, improvements in business innovation and their impact, and also in economic and regional development through public policy to promote business, in order to foster new research in the area.
6. Recognise and distinguish theoretical, methodological and empirical knowledge in relation to applied microeconomics and geographic or territorial economics in order to solve problems and promote new research in these economic fields.
7. Relate and combine the different focuses, theories and/or theoretical frameworks existing in the area of applied economics and business while formulating new empirically testable hypotheses.
8. Student should possess an ability to learn that enables them to continue studying in a manner which is largely self-supervised or independent
9. Work in international and inter-disciplinary teams.

Continguts

Applied Microeconomics

Themes:

- 1- Demand and consumer behaviour
- 2- Technology, costs and production efficiency
- 3- Property Rights, markets and public policies.
- 4- Basic Game theory
- 5- Regulation of natural monopoly
- 6- Institutions and political economy in microeconomics
- 7- Financial Markets
- 8- Market Power and Empirical Industrial Organization

Finance and Entrepreneurship

Themes:

- 1- Financial institution structures, lending infrastructures, legal and information environments: effects on credit availability for SMEs
- 2- Overcoming growth constraints through access to funding: internal versus external funding, transparent versus opaque SMEs
- 3- Some funding alternatives: Leasing, factoring, venture capital, business angels, and microfinance.

Productive Efficiency and Innovation

Themes:

- 1- How entrepreneurs see unexploited business opportunities?
- 2- What are the types of innovation?
- 3- How do we measure performance in SMEs?
- 4- How do we measure efficiency in service industries?

5- Is the productivity concept applicable to tourism?

6- Do specific mergers result in improved performance?

7- What is the impact on profits of efficiency and productivity changes?

8- How do we benchmark firms' performance?

9- Are the improvements in quality in line with efficiency and profitability?

Geographical Economics

Themes:

1- Trade theories

2- The location puzzle

3- Productivity and competitiveness

4- Theories of agglomeration

5- Clusters and local development

6- Policies: place-neutral vs place-based

Metodologia

Combination of theory and problem-solving classes, essays and autonomous study and research.

Activitats formatives

Títol	Hores	ECTS	Resultats d'aprenentatge
Tipus: Dirigides			
Theory and problem-solving classes	93,75	3,75	1, 2, 3, 4, 5, 6, 7, 8, 9
Tipus: Supervisades			
Essays and tutorials	56,25	2,25	1, 2, 3, 4, 5, 6, 7, 8, 9
Tipus: Autònomes			
Study and research activities	222	8,88	2, 3, 4, 5, 6, 7, 8, 9

Avaluació

Evaluation is based on class attendance (5%), essays and problems solved by the student (35%) and exams (60%).

Activitats d'avaluació

Títol	Pes	Hores	ECTS	Resultats d'aprenentatge
Class attendance	5	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9

Essays	35%	0	0	1, 2, 3, 4, 5, 6, 7, 8, 9
Exams	60%	3	0,12	1, 2, 3, 4, 5, 6, 7, 8, 9

Bibliografia

- Varian, H. (1992), Microeconomic Analysis, Norton and Company.
- Bowles, S. (2004), Microeconomics. Behavior, institutions and evolution. Princeton University Press.
- Church, J. and R. Ware (2000), Industrial Organization: A Strategic Approach, McGraw-Hill.
- Davis, P. and E. Garcés (2009), Quantitative Techniques for Competition and Antitrust Analysis, Princeton University Press.
- Beck, T and A. Demirguc-Kunt (2006), "Small and medium-size enterprises: Access to finance as a growth constraint", Journal of Banking and Finance, 30, 2931-2943.
- Berger, A.N. and G. F. Udell (2006), "A more complete conceptual framework for SME finance", Journal of Banking and Finance.
- Fernando, N.A. (2004), "Micro Success Story. Transformation of Nongovernment into Regulated Financial Institutions". Manila: Asian Development Bank.
- Todd A. W. and K. Hicks (eds.) (2009), "Moving Beyond Storytelling: Emerging Research in Microfinance". UK: Emerald
- Carton, R. B. and C. W. Hofer (2006), Measuring Organizational Performance. Metrics for Entrepreneurship and Strategic Management Research, Edward Elgar.
- Fried, H.O., C.A.K. Lovell and S.S. Schmidt (2008), The Measurement of Productive Efficiency and Productivity Growth, Oxford Un. Press.
- Tidd, J. and J. Bessant (2009), Managing Innovation. Integrating Technological, Market and Organizational Change, 4th edition, Wiley.
- Barca, F., McCann, P. and Rodríguez-Pose, A. (2012) "The case for regional development intervention: place-based versus place-neutral approaches", Journal of Regional Science, 52(1), pp. 134-152.
- Brakman, S., Garretsen, H., van Marrewijk, Ch (2009): "The New Introduction to Geographical Economics", Cambridge University Press. Chapters: 1; 2; 9.
- Combes P., Duranton, G. y Overman, H. (2005) "Agglomeration and the adjustment of the spatial economy", Papers in Regional Science, Vol. 84, pp. 311-349
- Delgado, M., Porter, M.E. and Stern, S. (2010) "Clusters and entrepreneurship", Journal of Economic Geography, 10, pp. 495-518.
- Gordon, I. y P. MacCann (2000) "Industrial clusters: complexes, agglomeration and/or social networks?", Urban Studies, 37, 3, pp. 513-532
- Porter, M.E. (2000) "Location, competition, and economic development: local clusters in a global economy", Economic Development Quarterly, 14(1), pp. 15-34
- Puga, D. (2010) "The magnitude and causes of agglomeration economies", Journal of Regional Science, 50, pp. 203-219.
- Rosenthal, S.S. y W.C. Strange (2008) "The micro-empirics of agglomeration economies", en R.J. Arnott y D.P. McMillen (eds.) A companion to urban economics. Blackwell Pub.