



## PRESENTATION

**Brief Description:** This course aims to familiarize students with the structure and functions of theories, analytical tools, and policy applications related to urban, regional and spatial economic issues. Students will learn the advantages and disadvantages of Regional Economic Development across the world. This course will explore how regions develop, the factors influencing their growth or decline, and the consequences of economic development on different areas and populations. The syllabus also examines public policies aimed at fostering regional development and their potential impacts.

- Degree: BBA & ECON
- **Module/Subject:** Module: Economics; Subject: Regional Economics
- **ECTS:** 6
- **Course, semester:** 4th year, 2nd semester
- **Carácter:** Optativa
- **Professor:** Rafael Garduño Rivera
- **Idioma:** English
- **Aula, Horario:** Tuesdays at 8 am (room 06, Amigos); Fridays at 8 am (room 05, Amigos)

## COMPETENCIES

### Basic Competencies:

- **BC2** Students must know how to apply their knowledge to their work or vocation in a professional way and must have the competences that are usually demonstrated by means of preparing and defending arguments and solving problems within their area of study.
- **BC3** Students must have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific and ethical topics.
- **BC4** Students must be able to transmit information, ideas, problems and solutions to specialized and general audiences.
- **BC5** Students must develop the learning skills required to undertake subsequent studies with a high level of independence.

### General Competencies:

- **GC1** To be familiar with different areas of the theory and/or application of economic analysis.
- **GC2** To identify, integrate and use the knowledge acquired to argue, discuss and solve relevant problems in economics and/or business.
- **GC3** To prepare professional reports and/or multimedia presentations on topics related to economics and/or business.
- **GC4** To use independent critical reasoning on relevant topics in economics and business.
- **GC5** To communicate results and analysis, either orally or in writing, that are useful to economics and business.
- **GC6** To be familiar with the different contexts in which their work is carried out: the circumstances, markets and historical, legal or human context.
- **GC7** To analyze the process of defining and implementing goals and/or strategies in the company.
- **GC8** To develop expectations, describe scenarios and make estimates using relevant information for the company.

### Specific Competencies (Economics):



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- **CE01** Understand models of aggregate supply and demand
- **CE02** Understand introductory concepts of game theory and oligopoly
- **CE03** Understand specialized areas within applied economics, such as Development Economics or Economic Analysis of Industries
- **CE04** Understand and deepen advanced knowledge of marketing
- **CE05** Understand and deepen quantitative techniques applied to marketing
- **CE06** Understand advanced concepts of auditing
- **CE07** Understand advanced concepts of taxation
- **CE08** Develop a business valuation plan
- **CE09** Understand advanced concepts of operations management
- **CE010** Understand advanced concepts of quality management and/or its implications for standardized quality process management

## **PROGRAM**

### **Economic Geography: What is it?**

#### **Employment Structure of the U.S. Economy**

1. Employment Structure: How do Americans make their living?
2. The changing employment structure of the US economy
3. Explaining the decline of manufacturing and the shift to services
4. Using location quotients to explore the geography of specialization

#### **Industrial Location Theory**

1. Weber's least cost theory
2. Spatial interaction and the gravity model
3. The principle of median location
4. Hotelling's oligopolistic-reaction theory
5. Christaller's central place theory
6. Agglomeration economies
7. The product life cycle model

#### **The U.S. Automotive Industry: A Case Study in Industrial Location**

1. The structure of the U.S. automobile industry
2. Changing geographical patterns, 1895-present day
3. Foreign direct investment in the U.S. auto industry
4. Toledo's auto industry

#### **The Rise of the Craft Beer Industry in the United States**

1. What is beer, and how is it made?
2. The history of brewing
3. The growth of craft beer
4. The geography of craft brewing
5. Craft breweries and neighborhood change

### **TRAINING ACTIVITIES**

- Attendance to Master Classes(face-to-face): 45 hours
- Elaboration of guided work (and participation in the Project presentations face-to-face): 15 hours
- Tutorials: 5 hours
- - Personal study: 75 hours



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## EVALUATION

- Ongoing Evaluation - Quizzes: 10%
- Elaboration and presentation of guided work: 20%
- Midterm exam: 30%
- Final Exam: 40%

## OFFICE HOURS

Dr. Rafael Garduño Rivera (rgarduno@unav.es)

Office 2530 Edificio Amigos. 2nd. Floor.

- Tutoring hours: upon request

## BIBLIOGRAPHY AND RESOURCES

We will use the most recent articles on each of these topics. However, some of the most popular books/papers in this area are:

- Ascani, A., Crescenzi, R., & Iammarino, S. (2012). Regional Economic Development. A Review, *SEARCH WP01/03*, 2-26.
- Howells, J. (2005). Innovation and regional economic development: A matter of perspective?. *Research policy*, *34*(8), 1220-1234.
- Jackson, R. W., Hewings, G. J., Rey, S., & Lozano-Gracia, N. (2020). Regional development: Challenges, methods, and models.
- Knox, P. L., & Marston, S. A. (2016). *Human Geography: Places and Regions in Global Context, Global Edition (7th ed.)*. Pearson International Content.
- Martin, R., & Sunley, P. (2011). The new economic geography and policy relevance. *Journal of Economic Geography*, *11*(2), 357-369.
- McCann, P. (2013): *Modern Urban and Regional Economics*. Oxford University Press, Oxford.
- Rubiera, F., Correa, R. y Polèse, M. (2020): *Economía Urbana y Regional: teorías y evidencias sobre el desarrollo regional*. Editorial AlfaOmega.
- Stimson, R. J., Stough, R. R., & Roberts, B. H. (2006). *Regional economic development: analysis and planning strategy*. Springer Science & Business Media.
- Storper, M., and Walker, R., 1989. *The Capitalist Imperative*, Oxford: Blackwell.
- Storper, M. 1997 *The Regional World*, London: Guilford.
- Storper, M. 2014. *Keys to the City*, Princeton: Princeton University Press.
- Storper, M. et al, 2015, *The Rise and Decline of Urban Economies*. Stanford: Stanford University Press.