



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Scienze Economiche, Aziendali e Statistiche		
<b>ACADEMIC YEAR</b>	2021/2022		
<b>MASTER'S DEGREE (MSC)</b>	ECONOMIC AND FINANCIAL SCIENCES		
<b>INTEGRATED COURSE</b>	URBAN AND REGIONAL ECONOMICS AND POLICY//INNOVATION ECONOMICS - INTEGRATED COURSE		
<b>CODE</b>	19868		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	2		
<b>SCIENTIFIC SECTOR(S)</b>	SECS-P/06, SECS-P/02		
<b>HEAD PROFESSOR(S)</b>	EPIFANIO ROSALIA	Professore Associato	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	ASMUNDO ADAM	Professore a contratto	Univ. di PALERMO
	EPIFANIO ROSALIA	Professore Associato	Univ. di PALERMO
<b>CREDITS</b>	14		
<b>PROPAEDEUTICAL SUBJECTS</b>			
<b>MUTUALIZATION</b>			
<b>YEAR</b>	1		
<b>TERM (SEMESTER)</b>	1° semester		
<b>ATTENDANCE</b>	Not mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<p><b>ASMUNDO ADAM</b>            Tuesday 10:00 12:00 Dipartimento SEAS, Ufficio docente in stanza 117, Ed. 13, primo piano, oppure se necessario via MS Teams, sempre utile prenotarsi. Nei periodi di sospensione e nel secondo semestre il ricevimento potrà svolgersi anche in altri orari via MS Teams, sempre previo appuntamento</p> <p><b>EPIFANIO ROSALIA</b>            Wednesday 15:00 17:00 TEAMS</p>		

**DOCENTE:** Prof.ssa ROSALIA EPIFANIO

<b>PREREQUISITES</b>	Versione inglese Economics (Micro and Macroeconomics), Fundamentals of mathematics and statistics
<b>LEARNING OUTCOMES</b>	Knowledge and comprehension abilities: Understanding of the complex innovative process with his multiple characteristics and comprehension of interactions between microeconomic and system effects. Ability in applying knowledge and comprehension: mastery in understanding differences in methods of economic research, specifically methods of data collection and elaboration. Autonomy of judgement: Ability in choosing best suited research projects and to identify an interpretative frame. Ability to learn: matched by ability in updating knowledge on the basis of scientific studies
<b>ASSESSMENT METHODS</b>	Oral exam on the basis of the institutional programme and presentation of a written paper based on the study of a research academic publication. For students attending the course is possible to participate to groups' tasks directed to the deepening of specific case studies on themes chosen by the students. The outcome of the task will lead to a seminal presentation that will contribute to the final evaluation (in place of the individual project to be presented at the exam) The evaluation will follow the typical criterion of the score out of thirty, specifically: Excellent (30-30 cum laude) the student shows excellent knowledge of the topics, great property of language, good analytical skills and is able to apply is knowledge to solve problems Good (26-29) the student shows good knowledge of the topics covered, full ownership of language and is able to apply the knowledge to solve proposed problems Fair (24-25) The student shows to have fair knowledge of the main arguments, discrete property of language, limited ability to apply their knowledge to solve problems Sufficient + (20-23) student shows not having full command of the main topics but has a fair knowledge of them, satisfactory property of language, lack of capacity to solve problems indipendently Sufficient (18-19) the student shows minimal basic knowledge of the main topics of teaching and technical language, minimal ability to apply acquired knowledge
<b>TEACHING METHODS</b>	Lectures and working groups

**MODULE**  
**URBAN AND REGIONAL ECONOMICS AND POLICY**

*Prof. ADAM ASMUNDO*

**SUGGESTED BIBLIOGRAPHY**

- CAMAGNI R. (1993), Principi di economia urbana e territoriale, Roma, Carocci, 6<sup>a</sup> ed., 2011, ISBN: 9788843012176  
- Ulteriori materiali didattici e statistici di supporto saranno resi disponibili attraverso il portale unipa.it

**AMBIT** 50493-Economico

**INDIVIDUAL STUDY (Hrs)** 152

**COURSE ACTIVITY (Hrs)** 48

**EDUCATIONAL OBJECTIVES OF THE MODULE**

The aim of the course is to provide students with the appropriate tools for spatial and territorial economic analysis with reference to major theoretical models and their applications, especially for the city, metropolitan and sub-regional areas. The course follows mainly an analytical and application approach, with a conceptual approach of formalized type, but the course will also develop the connections between theoretical models, empirical evidence and practical problems. The first part of the course is focused on to the four classical traditions in location theory, dealing with the microeconomic and macroeconomic principles that determine location choices and the distribution of economic and residential activities and their dynamics in urban and regional areas. The second part of the course will analyse the main policy tools and measures for sustainable territorial development, with reference to the European, national and regional policy, with special attention to the lagging Italian regions.

**SYLLABUS**

Hrs	Frontal teaching
2	Urban and regional economics: the conceptual framework
2	Agglomeration economies, agglomeration forces, location
4	Spatial price competition, location and interdependence
4	Land use and spatial competition
2	Spatial interaction models
4	From Central Places to Systems of Cities
2	Measuring Agglomeration - Industrial Concentration and Systems of Cities
2	Systems of Cities - The Size Distribution of Cities
2	Regional growth and development: Measuring income and production: Input-Output Analysis
4	Regional growth and development: Measuring differential growth: the Shift-share analysis
2	Regional and urban growth and development: Amenities
2	Regional and urban growth and development: Sorting, Skills and Wages
4	Housing, production, land use and rent
4	The economics of Industrial Clusters: specialization and development
2	Externalities, Sustainability, Congestion, Carrying capacity
4	Spatial disparities and Development Policy: EU, national and regional policy
2	Sustainable Development: Agenda 2030

**MODULE  
ECONOMICS OF INNOVATION**

*Prof.ssa ROSALIA EPIFANIO*

**SUGGESTED BIBLIOGRAPHY**

Malerba, F. (a cura di) (2000), *Economia dell'innovazione*, Carocci editore, 11° ristampa 2012  
 Fagerberg, J., Mowery, D.C. e Nelson, R. (2007). *Innovazione. Imprese, industrie, economie* (edizione italiana a cura di F.Malerba, M.Pianta, A.Zanfei), Carocci editore  
 Fariselli, P. (2014) *Economia dell'Innovazione*, Giappichelli editore  
 Materiale didattico integrativo aggiornato messo a disposizione dalla docente

<b>AMBIT</b>	50493-Economico
<b>INDIVIDUAL STUDY (Hrs)</b>	114
<b>COURSE ACTIVITY (Hrs)</b>	36

**EDUCATIONAL OBJECTIVES OF THE MODULE**

To transmit knowledge needed to understand the sources, direction and characteristics of technological innovation processes and essential to catch their consequences from an economic point of view, at a micro, macro and regional level

**SYLLABUS**

Hrs	Frontal teaching
4	Aim and organization of the course. Technical progress and innovation in history and economics; Definitions and measures of innovation
2	Evolutionary approach
2	The innovative firm
3	Technological regimes and sectoral patterns of innovation
2	Industrial dynamics and inter-firms relationships
3	Diffusion of innovations
2	Geography of innovation
2	Institutions and innovative systems
2	Public policies for innovation
2	International innovative performance
2	Italian innovative system
2	Innovation, growth and development
2	Technology and employment
6	Seminars and workshop activities