



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Scienze Economiche, Aziendali e Statistiche		
<b>ACADEMIC YEAR</b>	2017/2018		
<b>MASTER'S DEGREE (MSC)</b>	BUSINESS ECONOMIC SCIENCES		
<b>SUBJECT</b>	ECONOMICS OF INNOVATION		
<b>TYPE OF EDUCATIONAL ACTIVITY</b>	B		
<b>AMBIT</b>	50586-Economico		
<b>CODE</b>	02723		
<b>SCIENTIFIC SECTOR(S)</b>	SECS-P/06		
<b>HEAD PROFESSOR(S)</b>	EPIFANIO ROSALIA	Professore Associato	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>			
<b>CREDITS</b>	6		
<b>INDIVIDUAL STUDY (Hrs)</b>	114		
<b>COURSE ACTIVITY (Hrs)</b>	36		
<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>	<b>EPIFANIO ROSALIA</b> Wednesday 15:00 - 17:00 Stanza docente 5.13 (V piano ed.13)		

**DOCENTE:** Prof.ssa ROSALIA EPIFANIO

<b>PREREQUISITES</b>	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.
<b>EDUCATIONAL OBJECTIVES</b>	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
<b>TEACHING METHODS</b>	Lectures
<b>SUGGESTED BIBLIOGRAPHY</b>	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 disponibile sulla homepage della docente

## SYLLABUS

Hrs	Frontal teaching
1	Aim and organization of the course
2	Technical progress and innovation in history and economics
2	Innovation: definitions, measuring and models
2	Evolutionary approach
2	The innovative firm
3	Technological regimes and sectoral patterns of innovation
2	Industrial dynamics and inter-firms relationships
2	Innovation between variety and technological persistency
3	Diffusion of innovations
2	Geography of innovation
2	Institutions and innovative systems
2	Public policies for innovation
2	International innovative performance
3	Italian innovative system
3	Innovation, growth and development
3	Technology and employment