UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche
ACADEMIC YEAR	2019/2020
MASTER'S DEGREE (MSC)	BUSINESS ECONOMIC SCIENCES
SUBJECT	ECONOMICS OF INNOVATION
TYPE OF EDUCATIONAL ACTIVITY	B
AMBIT	50586-Economico
CODE	02723
SCIENTIFIC SECTOR(S)	SECS-P/06
HEAD PROFESSOR(S)	EPIFANIO ROSALIA Professore Associato Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	6
INDIVIDUAL STUDY (Hrs)	114
COURSE ACTIVITY (Hrs)	36
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	2
TERM (SEMESTER)	1° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	**EPIFANIO ROSALIA** Wednesday 15:00 17:00 Stanza docente 5.13 (V piano ed.13)

DOCENTE: Prof.ssa ROSALIA EPIFANIO

PREREQUISITES	Economics (Micro and Macroeconomics), Fundamentals of mathematics and statistics
LEARNING OUTCOMES	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 chosing 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
ASSESSMENT METHODS	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 partecipate 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
EDUCATIONAL OBJECTIVES	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
TEACHING METHODS	Lectures and seminars
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 disponibile presso il centro stampa (ed. 13)

SYLLABUS

Hrs	Frontal teaching
2	Aim and organization of the course
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 relationhips
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