UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche
ACADEMIC YEAR	2023/2024
MASTER'S DEGREE (MSC)	ECONOMIC AND FINANCIAL SCIENCES
INTEGRATED COURSE	URBAN AND REGIONAL ECONOMICS AND POLICY/ECONOMIC TRANSITION AND SUSTAINABILITY - INTEGRATED COURSE
CODE	23425
MODULES	Yes
NUMBER OF MODULES	2
SCIENTIFIC SECTOR(S)	SECS-P/06, SECS-P/02
HEAD PROFESSOR(S)	PROVENZANO VINCENZO — Professore Associato — Univ. di PALERMO
OTHER PROFESSOR(S)	ASMUNDO ADAM — Professore a contratto — Univ. di PALERMO PROVENZANO VINCENZO — Professore Associato — Univ. di PALERMO
CREDITS	14
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	1
TERM (SEMESTER)	1° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	**ASMUNDO ADAM** 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 potra svolgersi anche in altri orari via MS Teams, sempre previo appuntamento **PROVENZANO VINCENZO** Wednesday 10:30 12:00 Dipartimento di Scienze economiche, aziendali e statistiche, Ed. 13 V piano, studio 5.16

DOCENTE: Prof. VINCENZO PROVENZANO

PREREQUISITES	Versione inglese Economics (Micro and Macroeconomics), Fundamentals of mathematics and statistics
LEARNING OUTCOMES	Knowledge and understanding: Acquisition of technical-analytical tools for territorial economic analysis taking into account environmental sustainability, with particular reference to the aspects concerning the fundamental principles of spatial economic analysis, particularly in the urban-metropolitan and sub - regional, and also to the aspects related to the impact of both physical and transitional climate change on a territory. Making judgements: Being able to evaluate the main causes governing trends towards agglomeration or decentralization in the economic space on the basis of evidence drawn from the contemporary world. Ability to set research schemes and scientific interpretation of the dynamics related to physical and transitional climate change. Ability to identify a structured and in-depth interpretative approach. Communication skills: Ability to present, even to a non-expert audience, the problems concerning economic-spatial analysis and that concerning climate change through an in-depth analysis of the analytical aspects, the presentation of statistical information or the discussion of case studies. Learning ability: Ability to apply the methodologies of urban and territorial economic analysis and environmental sustainability to policy contexts, with particular reference to the Italian and international reality, both in relation to developed and emerging countries.
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
TEACHING METHODS	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^ 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
TRANSITION AND ECONOMIC SUSTAINABILITY

Prof. VINCENZO PROVENZANO

SUGGESTED BIBLIOGRAPHY

ECB economy-wide climate stress test; Methodology and results; ECB occasional paper n. 281

Alessi, L., Battiston, S., Melo, A.S. and Roncoroni, A., The EU Sustainability Taxonomy: a Financial Impact Assessment, EUR 29970 EN, Publications Office of the European Union, Luxembourg, 2019, ISBN 978-92-76-12991-2, doi:10.2760/347810, JRC118663.

AMBIT	50493-Economico
INDIVIDUAL STUDY (Hrs)	114
COURSE ACTIVITY (Hrs)	36

EDUCATIONAL OBJECTIVES OF THE MODULE

The course aims to provide the student with a series of quantitative tools for measuring the risk of both fiscal and transitional climate change.

SYLLABUS

Hrs	Frontal teaching
4	Introduction to physical and transitional climate change risk
10	Hedging climate risk through investment in stocks portfolio
6	Green finance and sustainable investments
8	Climate change impact on financial assets and on financial stability
8	Interaction between climate change, economic activity and financial stability