



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche
ACADEMIC YEAR	2022/2023
BACHELOR'S DEGREE (BSC)	TOURISM, TERRITORIES AND BUSINESSES
SUBJECT	ECONOMIC STATISTICS
TYPE OF EDUCATIONAL ACTIVITY	B
AMBIT	50043-Discipline dell'organizzazione dei servizi turistici
CODE	06672
SCIENTIFIC SECTOR(S)	SECS-S/03
HEAD PROFESSOR(S)	PIACENTINO DAVIDE Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	6
INDIVIDUAL STUDY (Hrs)	98
COURSE ACTIVITY (Hrs)	52
PROPAEDEUTICAL SUBJECTS	06644 - STATISTICS
MUTUALIZATION	
YEAR	2
TERM (SEMESTER)	2° semester
ATTENDANCE	Not mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	PIACENTINO DAVIDE Tuesday 10:00 12:00 Ed. 13 - Secondo Piano - Stanza 85. Contattare il docente per email.

DOCENTE: Prof. DAVIDE PIACENTINO

PREREQUISITES	economics and statistics at basic level.
LEARNING OUTCOMES	<p>Knowledge and understanding: (i) technical language; (ii) statistical sources in economic analysis; (iii) fundamental tools in economic statistics; (iv) interpretation of empirical results.</p> <p>Applying knowledge and understanding: (i) selecting and using statistical tools which are proper with respect to the aims of economic analysis and the nature of data.</p> <p>Making judgement: (i) choice of statistical source which are more suitable with respect to the aims of analysis; (ii) planning empirical strategies for economic statistics at basic and intermediate level; (iii) interpretation of results.</p> <p>Communication skills (i) Ability to explain the results of the analyses, also to a public not expert in the field.</p> <p>Learning skills: (i) understanding empirical analyses in economics; (ii) searching and selection of statistical sources for empirical economic analyses; (iii) selection of adequate statistical tools with respect to nature of data and aims of analysis.</p>
ASSESSMENT METHODS	<p>The final exam is written and eventually oral upon request from students. The oral exam is not a substitute but a supplement to the written test. The written test includes some practical exercises. The examination Board is interested to understand the ability of students of: (i) looking for adequate statistical tools for specific economic problems; (ii) comparing advantages and disadvantages of these tools; (iii) interpreting empirical results. Particular attention is focused on the assessment of knowledge on statistical sources in economic analysis, both at national and international level.</p> <p>The score is interpreted in the following way: a score of 30 and 30 with distinction: an excellent knowledge of the subjects and a great command of technical language; 26-29: good knowledge of discipline and some tolerable inaccuracy; 25-23: some knowledge of the main issues and heavy inaccuracy; 18-22: minimal knowledge of the arguments; insufficient score: no knowledge of the fundamentals.</p>
EDUCATIONAL OBJECTIVES	The course aims to provide adequate tools to develop empirical analyses in economics and to interpret the obtained evidence.
TEACHING METHODS	lessons and practical exercises
SUGGESTED BIBLIOGRAPHY	<p>Si consigliano entri i seguenti testi: Statistica Economica, R. Guarini, F. Tassinari, Il Mulino. Contabilita' Nazionale, V. Siesto, Il Mulino.</p> <p>Materiale a cura del docente verra' divulgato attraverso il portale UNIPA.</p>

SYLLABUS

Hrs	Frontal teaching
4	National Accounts. Methods to compute Gross Domestic Product. Quantitative measures to analyse an economic system.
8	Analysis of economic variable across space and over time using index numbers.
8	Time series analysis using decomposition approach.
9	Analysis of industrial system. Input-Output Analysis.
11	Production function and economic growth analysis. Empirical measures of output and inputs. Economic disparities and convergence analysis
Hrs	Practice
3	Practical exercises on the use of index numbers in economics.
3	Practical exercises on time series analysis with decomposition approach
2	Practical exercises on industrial system and Input-Output analysis
2	Practical exercises on production function and economic growth analysis.