



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche
ACADEMIC YEAR	2022/2023
BACHELOR'S DEGREE (BSC)	ECONOMICS AND FINANCE
SUBJECT	ECONOMIC STATISTICS
TYPE OF EDUCATIONAL ACTIVITY	B
AMBIT	50182-Statistico-matematico
CODE	06672
SCIENTIFIC SECTOR(S)	SECS-S/03
HEAD PROFESSOR(S)	PIACENTINO DAVIDE Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	8
INDIVIDUAL STUDY (Hrs)	128
COURSE ACTIVITY (Hrs)	72
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	ECONOMIC STATISTICS - Corso: TURISMO, TERRITORI E IMPRESE ECONOMIC STATISTICS - Corso: TOURISM, TERRITORIES AND BUSINESSES
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. 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	Statistica Economica, R. Guarini, F. Tassinari, Il Mulino. Contabilita' Nazionale, V. Siesto, Il Mulino.

SYLLABUS

Hrs	Frontal teaching
6	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.
8	Analysis of industrial system. Input-Output Analysis.
10	Production function and economic growth analysis. Empirical measures of output and inputs. Economic disparities and convergence analysis
8	BES indicators. Measures of income and poverty. Empirical analysis of consumption
Hrs	Practice
5	Practical exercises on the use of index numbers in economics by using Excel
5	Practical exercises on time series analysis with decomposition approach by using Excel
3	Practical exercises on industrial system and Input-Output analysis by using Excel
5	Practical exercises on production function and economic growth analysis by using Excel
2	Practical exercises on consumption analysis by using Excel