Universida_{de}Vigo

Subject Guide 2018 / 2019

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IDENTIFYIN	G DATA				
Econometri	cs l				
Subject	Econometrics I				
Code	V03G100V01501				
Study	Degree in				
programme	Economics				
Descriptors	ECTS Credits Choos	se	Year	Q	uadmester
	6 Mand	atory	3rd	19	st
Teaching	Spanish	-			
language	English				
Department	Applied Economics				
Coordinator	Álvarez García, María Begoña				
	Fernandez-Jardón Fernandez, Carlos Maria				
	Verdugo Matés, María Victoria				
Lecturers	Álvarez García, María Begoña				
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General	This course is an introduction to multiple regression methods	for analyzin	ig data in eo	conomics a	and related
description	fields. Students learn how to conduct empirical studies, as we	ll as how to	analyze an	d interpre	t results from
	other empirical works.				
Competenci	ies				
Code					
C1 Under	stand the basic mathematical tools required to formalize econo	omic behavi	or.		
C10 Ability	to use technical tools to formulate simple models concerning	economic v	ariables.		
D1 Respe	ct civic and ethical values. Strong commitment to work ethic.				
D5 Skill to	p make coherent and intelligible statements both in oral and w	ritten form.			
D7 Critica	al and self-critical thinking.				
Loorning ou	tromos				
Exported res	ults from this subject			Trainin	a and Loarning
LAPECIEU IES				nannn	Results
Understandir	na of technical wools *economátricas basic from a theoretical n	oint of view	and	<u></u>	nesults
annlied	iy of teenineal wools reconomedicas basic from a theoretical p	UNIC OF VIEW	unu	CT	
L handle of to	chnical wools and basic tools for wool quantification of wools r	alata hatwa	on notablo	C1	
variables of k	nim economic and business world			C10	
	nin containe and publicos world.	!	- I	<u></u>	D1

Capacity to tackle of effective way problems of him economic field using he instrumental	C1	D1
*econométrico suitable.	C10	D7
Skill to argue and obtain conclusions of rigorous form from wool empirical evidence.		D5
		D7

Definition of Econometrics. Steps in empirical economic analysis. The
structure of economic data
Model specification. Assumptions. Mechanics and interpretation of
Ordinary Least Squares. Properties of estimators. Goodness-of-fit.
Hypotheses testing. Confidence intervals. Prediction. Dummy variables.
Specification and data problems (omitted variable bias; inclusion of
irrelevant variables; proxy variables; multicollinearity).

TOPIC 3: Violations of the Classical Assumptions Heteroskedasticiy. Autocorrelation. Stochastic explanatory variables.

Planning			
	Class hours	Hours outside the classroom	Total hours
Group tutoring	5	0	5
Autonomous problem solving	8	20	28
Computer practices	15	30	45
Lecturing	20	30	50
Other	2	20	22
*The information in the planning table is f	or guidance only and does no	ot take into account the het	erogeneity of the students.

Methodologies	
	Description
Group tutoring	Tutorial sessions
Autonomous problem solving	Problems sets and tests.
Computer practices	Computer labs. The course will use the GRETL regression applications.
Lecturing	Lectures

Personalized attention			
Methodologies	Description		
Group tutoring	Interviews that the student has with the teacher for advice and development of activities		
Autonomous problem solving	The teacher provides guidance to students in problem-solving exercises.		
Computer practices	Students are given individual feedback on their work.		

Assessment

Assessment						
	Qualification	Training and Learning				
				Results		
Autonomous problem so	20	C1 C10	D5			
Computer practices	Exercises with real-world data. The course will use the econometric package GRETL.	20	C10 C1 C10	D1 D5 D7		
Other	Final exam.	60	C1 C10	D5		

Other comments on the Evaluation

The final grade of the course will consist of two parts: continous evaluation (40%) and final exam (60%). A minimum grade in the final exam may be required to pass the course.

Exceptionally, students can obtain the maximum grade of the course in the final exam OR through continous evaluation. These exceptions will be analyzed and approved on a case-by-case basis.

Students can resit the final exam in July.

Exam schedules:

http://fccee.uvigo.es

Subjects that it is recommended to have taken before

Statistics: Statistics 1/V03G100V01205

Other comments

Exam schedules: http://fccee.uvigo.es/calendario-exames-201415.html