



1. General information

Course: MICROECONOMICS AND MACROECONOMICS APPLICATIONS

Type: ELECTIVE

Degree: 316 - UNDERGRADUATE DEGREE IN ECONOMICS

Center: 5 - FACULTY OF ECONOMICS AND BUSINESS

Year: 4

Main language: Spanish

Use of additional languages:

Web site: <http://blog.uclm.es/fabiomonsalve/>

Code: 53339

ECTS credits: 6

Academic year: 2019-20

Group(s): 10

Duration: First semester

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: **FABIO MONSALVE SERRANO** - Group(s): 10

Building/Office	Department	Phone number	Email	Office hours
Despacho 3.21	ANÁLISIS ECONÓMICO Y FINANZAS	+34926053105	fabio.monsalve@uclm.es	To be determined in student's intranet

2. Pre-Requisites

Basic skills in Macro and Microeconomics

3. Justification in the curriculum, relation to other subjects and to the profession

The subject is designed to provide the student with some methodological, instrumental and general-purpose concepts related to Ecological Economics. The first part will be devoted to the introduction of selected readings which, eventually, will enable the students to know the main problems and challenges of sustainable development. The second part is more practical, and focuses in the explanation of a specific model to compute anthropogenic footprints. Finally, the students will have to elaborate and present an analysis of a real footprint. This last part will be taught in the software lab, in a truly practical way.

4. Degree competences achieved in this course

Course competences

Code	Description
E03	Ability to find economic data and select relevant facts.
E05	Ability to contribute to the establishment of strategies which will allow for the efficient allocation of resources, the generation of wealth and a suitable distribution of income.
E06	Application of professional criteria to the analysis of problems, based on the use of technical tools.
E11	Diagnosis and assessment skills to conduct structural and cyclical reports, as well as economic forecast summaries on the reality of the economy in Spain, the European Union and in any of the product sectors and factor markets. To do so, it will be necessary to understand and use common handbooks, as well as articles and, in general, leading edge bibliography in the core subjects of the curriculum.
G03	Develop oral and written communication skills in order to prepare reports, research projects and business projects and defend them before any commission or group of professionals (specialised or non-specialised) in more than one language, by collecting relevant evidence and interpreting it appropriately so as to reach conclusions.
G04	Ability for the use and development of information and communication technology in the development of professional activity.

5. Objectives or Learning Outcomes

Course learning outcomes

Description

Train the student to listen to and defend arguments orally or in writing

Additional outcomes

Train the student to grasp the problems of a finite planet and to compute an anthropic footprint.

6. Units / Contents

Unit 1: Economy, Environment and Well-being

Unit 2: Human beings and needs satisfaction within a limit planet (Book Reading)

Unit 3: The sustainability of growth

Unit 4: Environmentally Extended Multiregional Input-Output Models: Selected readings

Unit 5: The anthropic footprint as a measure of sustainability

Unit 6: Computing an anthropic footprint

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	R	Description
Class Attendance (theory) [ON-								

[SITE]	Lectures	E05 E06 G03	1.33	33.25	N	-	-	
Class Attendance (practical) [ON-SITE]	project-based learning	E03 E05 E06 G03 G04	0.67	16.75	Y	N	N	
Writing of reports or projects [OFF-SITE]	Self-study	E03 E06 E11 G03 G04	2	50	Y	N	Y	
Analysis of articles and reviews [OFF-SITE]	Reading and Analysis of Reviews and Articles	E06 E11 G03	2	50	Y	N	Y	
Total:			6	150				
Total credits of in-class work: 2			Total class time hours: 50					
Total credits of out of class work: 4			Total hours of out of class work: 100					

As: Assessable training activity

Com: Training activity of compulsory overcoming

R: Rescheduling training activity

8. Evaluation criteria and Grading System			
Evaluation System	Grading System		Description
	Face-to-Face	Self-Study Student	
Portfolio assessment	40.00%	0.00%	Discussion of selected readings
Fieldwork assessment	40.00%	0.00%	Computing an anthropic footprint
Assessment of active participation	20.00%	0.00%	Assesment of student's involvement in sessions.
Total:	100.00%	0.00%	

Evaluation criteria for the final exam:

i) REadings and discussions.-

ii) Computing an anthropic footprint

Specifications for the resit/retake exam:

- Computing an anthropic footprint
- Oral discussion with the professor of suggested readings.

Specifications for the second resit / retake exam:

- Computing an anthropic footprint
- Oral discussion with the professor of suggested readings.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
Unit 1 (de 6): Economy, Environment and Well-beign	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	11.25
Unit 2 (de 6): Human beings and needs satisfaction within a limit planet (Book Reading)	
Activities	Hours
Writing of reports or projects [AUTÓNOMA][Self-study]	10
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	24
Unit 3 (de 6): The sustainability of growth	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	11
Unit 4 (de 6): Environmentally Extended Multiregional Input-Output Models: Selected readings	
Activities	Hours
Writing of reports or projects [AUTÓNOMA][Self-study]	10
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	23
Unit 5 (de 6): The anthropic footprint as a measure of sustainability	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	11
Unit 6 (de 6): Computing an antrophic footprint	
Activities	Hours
Class Attendance (practical) [PRESENCIAL][project-based learning]	16.75
Writing of reports or projects [AUTÓNOMA][Self-study]	30
Global activity	
Activities	hours
Class Attendance (theory) [PRESENCIAL][Lectures]	33.25
Class Attendance (practical) [PRESENCIAL][project-based learning]	16.75
Writing of reports or projects [AUTÓNOMA][Self-study]	50
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	50
Total horas: 150	

10. Bibliography and Sources
Publishing

Author(s)	Title/Link	house	Citv	ISBN	Year	Description
Common, Michael S.	Introducción a la economía ecológica	Reverte	Barcelona	978-84-291-2635-8	2008	
Jackson, Tim	Prosperidad sin crecimiento : economía para un planeta finito	Icaria-Intermón Oxfam	Barcelona		2011	
Jackson, Tim	Prosperity without growth? : the transition to a sustainable economy	Sustainable Development Commission Prentice Hall	London		2009	
Labandeira Villot, Xavier	Economía ambiental	(Pearson Educación)	Madrid	978-84-205-3651-4	2006	
Miller, Ronald E.	Input-output analysis : foundations and extensions	Cambridge University Press	Cambridge	978-0-521-73902-3	2009	
Skidelsky, Robert, and Skidelsky, Edward.	¿Cuánto es suficiente? : qué se necesita para una "buena vida".	Crítica	Barcelona		2012	