



## 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:

Code: 53339

ECTS credits: 6

Academic year: 2022-23

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
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## 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 Human Footprint

Unit 4: Computing an environmental footprint

Unit 5: The sustainability of growth

## 7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	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	
Writing of reports or projects [OFF-SITE]	Self-study	E03 E06 E11 G03 G04	2	50	Y	N	
Analysis of articles and reviews [OFF-SITE]	Reading and Analysis of Reviews and Articles	E06 E11 G03	2	50	Y	N	
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 (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Oral presentations assessment	30.00%	0.00%	Discussion of selected readings
Final test	60.00%	100.00%	Computing an anthropic footprint
Assessment of active participation	10.00%	0.00%	Assesment of student's involvement in sessions.
<b>Total:</b>	<b>100.00%</b>	<b>100.00%</b>	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

#### Evaluation criteria for the final exam:

##### Continuous assessment:

The general assessment criterion will be the continuous assessment of students. To this end, the consistency and quality of the work and exercises presented will be evaluated throughout the course, together with the exams or tests that will be developed throughout the course.

In order to pass the course, a minimum grade of 5 out of 10 is required in the joint evaluation. Likewise, the student must pass a minimum grade of 4 out of 10 in the final test (which it will consist in one or several parts) in order to be able to compute the rest of the parts.

##### Non-continuous evaluation:

With regard to non-continuous assessment, and in accordance with section b of point 4.2. of the 2022 Student Regulations, any student may change to the non-continuous assessment mode, by the procedure established by the lecturer, provided that he/she has not participated during the period of classes in assessable activities that together account for at least 50% of the total assessment of the subject. If a student has reached this 50% of evaluable activities or if, in any case, the class period has ended, he/she will be considered in continuous assessment without the possibility of changing assessment mode.

The evaluation will be carried out with a final test that will include the specific tests considered necessary to evaluate all the competences of the subject.

#### Specifications for the resit/retake exam:

It will consist of several written and oral tests, on all the contents of the subject with an assessment of 100% of the final mark.

#### Specifications for the second resit / retake exam:

It will consist of several written and oral tests, on all the contents of the subject with an assessment of 100% of the final mark.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
<b>Hours</b>	<b>hours</b>
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
<b>Unit 1 (de 5): Economy, Environment and Well-beign</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Lectures]	11.25
<b>Unit 2 (de 5): Human beings and needs satisfaction within a limit planet (Book Reading)</b>	
<b>Activities</b>	<b>Hours</b>
Writing of reports or projects [AUTÓNOMA][Self-study]	10
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	24
<b>Global activity</b>	
<b>Activities</b>	<b>hours</b>
Class Attendance (theory) [PRESENCIAL][Lectures]	11.25
Writing of reports or projects [AUTÓNOMA][Self-study]	10
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	27
<b>Total horas: 48.25</b>	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing 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