



Teaching Guide				
Identifying Data				2015/16
Subject (*)	Ecología humana	Code	610G02041	
Study programme	Grao en Bioloxía			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Fourth	Obligatoria	6
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	Bioloxía Animal, Bioloxía Vexetal e Ecología			
Coordinador	Fuentes Lopez, Marcelino	E-mail	marcelino.fuentes@udc.es	
Lecturers	Fuentes Lopez, Marcelino	E-mail	marcelino.fuentes@udc.es	
Web	sites.google.com/site/microensayos			
General description	The transformation of nature by humans has created both human well-being and environmental problems. People aim to become more prosperous and to keep enjoying the benefits provided by ecosystems. In this course we study how to reconcile these two goals.			

Study programme competences / results	
Code	Study programme competences / results
A19	Analizar e interpretar o comportamento dous seres vivos.
A23	Avaliar o impacto ambiental. Diagnosticar e solucionar problemas ambientais.
A24	Xestionar, conservar e restaurar poboacións e ecosistemas.
B1	Aprender a aprender.
B2	Resolver problemas de forma efectiva.
B3	Aplicar un pensamento crítico, lóxico e creativo.
B4	Traballar de forma autónoma con iniciativa.
B5	Traballar en colaboración.
B6	Organizar e planificar o traballo.
B7	Comunicarse de maneira efectiva nunha contorna de traballo.
B8	Sintetizar a información.
B9	Formarse unha opinión propia.
B10	Exercer a crítica científica.
B11	Debater en público.
B12	Adaptarse a novas situacións.
B13	Comportarse con ética e responsabilidade social como cidadán e como profesional.
C2	Dominar a expresión e a comprensión de forma oral e escrita dun idioma estranxeiro.
C4	Desenvolverse para o exercicio dunha cidadanía aberta, culta, crítica, comprometida, democrática e solidaria, capaz de analizar a realidade, diagnosticar problemas, formular e implantar solucións baseadas no coñecemento e orientadas ao ben común.
C5	Entender a importancia da cultura emprendedora e coñecer os medios ao alcance das persoas emprendedoras.
C6	Valorar criticamente o coñecemento, a tecnoloxía e a información dispoñible para resolver os problemas cos que deben enfrontarse.

Learning outcomes	
Learning outcomes	Study programme competences / results



Apply conceptual tools and theoretical knowledge to the resolution of environmental problems.	A19 A23 A24	B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13	
Communicate effectively these analyses, using oral and written language and information technologies.		B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12	C2 C4 C5 C6

Contents	
Topic	Sub-topic
Human behavior and environmental problems	Objectives, rationalaty, preferences, costs and benefits Supply, demand and prices Market failure Government failure

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Online discussion	A5 A6 A19 A23 A24 A27 A28 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 C1 C2 C3 C4 C5 C6 C8	0	10	10
Field trip	A5 A6 A19	15	0	15
Long answer / essay questions	A5 A6 A19 A23 A24 A27 A28 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 C1 C2 C3 C4 C5 C6 C8	0	28	28
Guest lecture / keynote speech	A5 A6 A19 A23 A24 A27 A28 A29 B2 B3 B11 C4 C5 C6 C8	28	56	84



Long answer / essay questions	A5 A6 A19 A23 A24 A27 A28 A29 B1 B2 B3 B4 B6 B7 B8 B9 B10 B11 B12 B13 C1 C2 C3 C4 C5 C6 C8	1	7	8
Directed discussion	A6 A19 A23 A24 A28 B2 B3 B7 B8 B9 B10 B11 B12 B13 C1 C4 C5 C6 C8	4	0	4
Personalized attention		1	0	1

(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

Methodologies	Description
Online discussion	Online debates of student essays
Field trip	Natural reserves of Galicia
Long answer / essay questions	Students write seven essays arguing their opinions on environmental topics proposed by the teacher
Guest lecture / keynote speech	Lectures on human social behavior and environmental problems
Long answer / essay questions	Economic games
Directed discussion	Classroom debates on student essay topics and any other differences of opinion arising during the course

Personalized attention

Methodologies	Description
Long answer / essay questions Long answer / essay questions Online discussion	Human behavior and environmental problems

Assessment

Methodologies	Competencies / Results	Description	Qualification
Long answer / essay questions	A5 A6 A19 A23 A24 A27 A28 A29 B1 B2 B3 B4 B6 B7 B8 B9 B10 B11 B12 B13 C1 C2 C3 C4 C5 C6 C8	Human behavior and environmental problems	45
Directed discussion	A6 A19 A23 A24 A28 B2 B3 B7 B8 B9 B10 B11 B12 B13 C1 C4 C5 C6 C8	Human behavior and environmental problems	5
Long answer / essay questions	A5 A6 A19 A23 A24 A27 A28 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 C1 C2 C3 C4 C5 C6 C8	Human behavior and environmental problems	45



Online discussion	A5 A6 A19 A23 A24 A27 A28 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 C1 C2 C3 C4 C5 C6 C8	Human behavior and environmental problems	5
Others			

Assessment comments

For first-time students the grade depends on a written test (in which competencies A5, A6, A19, A23, A24, A27, A28, A29, B2, B3, B7, B8, B10, C1 and C8 are assessed) worth 10 points or seven essays, up to 10 points in all (in which competencies A5, A6, A19, A23, A24, A27, A28, A29, B2, B3, B4, B6, B5, B7, B8, B9, B10, B11, B12, B13, C1, C4, C5, C6 and C8 are assessed). For each essay the teacher chooses a topic and students argue their opinions on that topic. Alternatively students may choose to argue against any idea previously defended by the teacher in class. Students must take care to argue opinions that run contrary to what the teacher explains during lectures. Each essay is graded from 0 to 10. If a student uses a string of words previously used by another author the grade will be -20. The points obtained in all essays are added up, giving more weight to the last essays, and the sum is divided by 7. More information in <https://sites.google.com/site/microensayos/>. Students that choose to take the written test renounce the points obtained in the essays. A student can make this choice at any time during the course. Students that submit an essay cannot get a "No show" grade. Students who do not submit any essay and do not take the test will get a "No show" grade. Non-first-time students will be graded with a written test and they can get the "Honors" grade. Points obtained in previous attempts at passing the course are not taken into account.

Sources of information

Basic	<ul style="list-style-type: none"> - Dasgupta, Partha (2006). Economics : a very short introduction . Oxford University Press - Landsburg, S. E. (2012). The armchair economist: economics and everyday life. Free Press - Landsburg, S. E. (2008). More sex is safer sex: the unconventional wisdom of economics. Free Press - Cowen, T. y Tabarrok, A. (2010). Modern principles: microeconomics. Worth Publishers
Complementary	

Recommendations

Subjects that it is recommended to have taken before

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.