

SUBJECT TEACHING GUIDE

G176 - Biogeography

Degree in Geography and Land Planning

Academic year 2024-2025

1. IDENTIFYING DATA					
Degree	Degree in Geography and Land Planning			Type and Year	Compulsory. Year 3
Faculty	Faculty of Humanities				
Discipline	Theoretical and methodological Fundamentals in Geography				
Course unit title and code	G176 - Biogeography				
Number of ECTS credits allocated	6	Term	Semester based (1)		
Web	http://aulavirtual.unican.es/				
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. GEOGRAFIA, URBANISMO Y ORDENACION DEL TERRITORIO				
Name of lecturer	SEBASTIAN PEREZ DIAZ				
E-mail	sebastian.perezdiaz@unican.es				
Office	E.T.S. de Ingenieros de Caminos, Canales y Puertos. Planta: + 1. DESPACHO (1009)				
Other lecturers					

3.1 LEARNING OUTCOMES
- Understand and accurately use the concepts and language of Biogeography
- To know the different types of natural environments and relate them to the climate, relief or other characteristics of the regions in which they are located
- To understand the processes of evolution and change in the distribution of species and the different time scales of these changes
- To realize the current dynamics of the biotic environment and its interactions with humans
- Identify, knowing how to obtain and use the usual sources of information, techniques and work tools in Biogeography

4. OBJECTIVES
Provide the student with a first contact with the discipline, with its specific language and with its working instruments
Show the distribution of organisms and the extent, problems and current situation of the main types of "natural environments" on our planet
Introduce some of the major current problems and lines of research in Biogeography and the rest of the life and environmental sciences so that the student perceives their affinities and differences and verifies that they are disciplines in rapid evolution in which closed approaches are not possible.
Offer an integrated vision of the physical environment (and, with it, of Physical Geography). From this perspective it will be possible to speak of "landscapes" or "environments" with which different organisms, and particularly humans, interact
Check the role of the geographer in the research, management and enhancement of the natural heritage, aspects that will be developed more widely in other subjects but that will be introduced at this time

6. SUBJECT PROGRAM	
CONTENTS	
1	INTRODUCTION TO BIOGEOGRAPHY
2	BIOGEOGRAPHICAL FUNDAMENTALS
3	LIFE ON PLANET EARTH
4	THE DISTRIBUTION OF ORGANISMS ON THE PLANET
5	THE MAJOR BIOMES OF THE PLANET: DISTRIBUTION AND CHARACTERISTICS
6	EVALUATION

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessn	%
Continuous evaluation by taking tests at the end of each topic (40% of the final grade)	Others	No	Yes	40,00
Field practices (20% of the final grade)	Work	No	No	20,00
Exam	Written exam	Yes	Yes	40,00
TOTAL				100,00
Observations				
To pass the course it will be necessary to pass both the continuous assessment and the course work . In the event that the grade of one of those two parts is less than 5 out of 10, the final grade for the course will be fail. However, students who do not pass the subject in the ordinary call but who have passed one of its two parts (theory or practice) should not re-present the part that has already been passed.				
Observations for part-time students				
The attention and evaluation of students enrolled part-time in the Degree will be carried out in accordance with the regulations of the UC for such cases. It is requested to speak with the professor during the first two weeks of the course to organize the monitoring of practical activities.				
Only in the event of justified inconvenience on the part of part-time students to carry out any of the described practical activities, the evaluation of those parts will be carried out by assessing a similar task, adapted to their conditions, and with the same weight in the final grade as applied generally.				

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

BARRY, C.; MOORE, P. (2007). Biogeography. An ecological and evolutionary approach. Blackwell.

DEMANGEOT, J. (1989). Los medios "naturales" del globo. Masson, Barcelona

GROOMBRIDGE, B.; JENKINS, M.D. (2002). World Atlas of Biodiversity. California University Press, Berkeley.